The Florida Brahman Cattleman and Livestock Journal

In this issue:

UF Schedules Short Course
State Fair Shows, Sale Results Listed
Many Area Shows Slated
Many Breeds, Plus Steers Show at Ocala
Rodeo Results Are Reported

5¢ a copy • $2 a year
MARCH
INETEEN FIFTY-NINE
Of course he's terrific...

MY BOSS FEEDS ME X-CEL VIT-L-TONE!

You can bet mom's proud of her sturdy, thrifty calf! She's been fed X-Cel VIT-L-TONE mineral supplement so she has plenty of milk, in addition to dropping a healthy offspring.

Look at YOUR calf crop—you can make sure your cows have adequate milk to nurse your calves by incorporating VIT-L-TONE in your feeding program now!

Again this past winter, VIT-L-TONE has proven its value on Florida ranges because it provides all the essential minerals and elements known to be needed.

VIT-L-TONE palatability, correct calcium-phosphorus balance, plus vitamin D, assure maximum assimilation of these elements. This means a real payoff in strong, healthier calves, better condition of cows, and more efficient utilization of forage—all of which adds up to extra profits for you.

VIT-L-TONE's low salt content, only 7½%, means more for your money in each bag. By feeding VIT-L-TONE and free-choice salt, your animals will not be limited in their mineral intake—and as you know, an animal will not overeat salt in order to obtain needed minerals—another reason VIT-L-TONE works so effectively on the range!

To get the full VIT-L-TONE story see your friendly X-Cel man or write us today.

Our 50th Year of Progress

X-CEL

TENNESSEE BASIC SLAG • VIKING SHIP BRAND CALCIUM NITRATE

JACKSON GRAIN CO.

FEEDS • SEEDS • FERTILIZERS • INSECTICIDES

TAMPA, FLORIDA
ANNIVERSARY OBSERVANCE was held at Kissimmee February 21, and was preceded by a board of directors meeting to consider a proposal of the Future Financing Committee. (There'll be more on this in the next issue.) Special plaques were presented to the Founders and Past Presidents of FCA in recognition of their contribution toward making the past 25 years such an outstanding period of cattle progress. Kissimmee Chamber of Commerce was host at a luncheon for directors and other FCA officials.

SUDDEN DEATH of Radford Hall, 52, executive secretary of American National Cattlemen's Association occurred on Sunday, February 15. A cerebral hemorrhage was the cause. Also recently deceased was Arthur A. Smith of Sterling, Colorado, president of American National in 1946-48. He was 83 years old, and died on February 7.

CATTLE ON FEED are 11 percent more in number than a year ago, USDA estimates—and prices lower than last year on these grades are predicted. Increased hog slaughter this Spring also tends to push cattle prices downward to some extent. USDA says, however: "Prices of cows and of feeder cattle have been unusually high relative to prices of fed cattle. Abundant and cheap feed, and active demand for breeding stock for expansion of herds, are the major reasons. As both factors will continue, prices of those classes will remain high relative to prices of fed cattle. However, if fed cattle prices fail to advance this winter as they did last winter, prices of cows and feeder stock will be under some downward pressure. They may climb somewhat higher in early spring, due to a seasonally strong demand for stocker animals to go on grass, but otherwise there is little possibility of any substantial further advances in prices of those classes during 1959." This statement was published in the January 9 Livestock and Meat Situation report.

INTENSIVE MEAT PROMOTION is called for by the continuing high supplies of meat, says the National Meat Promotion committee (which includes the National Beef Council). The livestock industry is now in the unusual situation of having a concurrent rise in numbers of all three species of red meat—cattle, sheep and hogs—in addition to increased poultry.

AN ALL-TIME HIGH cattle population was estimated as of January 1 by USDA (see selected figures on page 6, this issue, and complete figures in the April Cattleman); however, the increase in beef cattle numbers of 4,088,000 over January 1, 1958, is less than some anticipated, and less than the increases in 1951, 1952 and 1953. It amounts to seven percent, compared to 9.8, 11.6 and 10.3 percent in each of those years. The numbers of beef cattle (those "not kept for milk") were 64,025,000 as of January 1, 1959. Numbers of dairy cattle actually dropped some during the year.

DESPITE THE FREEZE, USDA saw Florida's cattle population as increasing 65,000—more than any other southern state—and Florida again surpassed Mississippi in number of beef cattle, to, once more become the second state in beef cattle numbers east of the Mississippi River.

TRAVELS: FCA President Alto Adams, Jr., and Secretary June Gunn both attended the Florida Beef Council meeting in Lakeland January 13.... Adams was present at a meeting of the Seminole association recently.... A meeting of the Future Financing Committee, headed by Lat Turner of Sarasota, was held in Kissimmee February 4.
The Florida CATTLEMAN 
and Livestock Journal

VOL. XXIII, NO. 6

March, 1959

WILLIAM A. GEPHART
Executive Editor

Address Correspondence to: Box 891, Kissimmee, Florida. Phones TI 6-7401.

Robert S. Cody

General News Reports...

- Interstate Underpasses
- FCA Approves Money Plan
- Beef Council Meets
- UF Schedules Ag Fair
- Short Course Planned

Special Articles...

- Kissimmee Lab Reports
- Horse Activities
- GH Shows Reported
- Three Rodeos Slated
- Upcoming Fairs Noted
- State Fair Reported
- Southeastern Show Held
- Mountie Has Beef Show
- Hereford Sale Slated
- Ocala Bull Sale Averages High

Brahman Section...

- Brahman Breeders Listed
- Radebaugh Crossbreeds
- Show Results Listed
- Brahman Development—W. G. Kirk
- Florida Experiments Hold
- Emperor of India, Stuart Sire
- Boot Ranch Buys Heifers
- A History of EBA

Breed Information...

- Angus Show Winners Listed
- Angus Directors Meet
- Midyette Bull Leased to UF
- Hereford Winners Named
- SG Breeders Talk Testing
- Weanling Show Held
- Palmers Hires Humphrey
- Charolais, Charlyr Bubble Slated
- Short Horn Show Winners Named

Regular Departments...

- FCA Reports
- Editor’s Desk
- Latest Statistics
- Now It’s History
- Livestock Notebook—T. J. Cunha
- Kowbelles—Ethel Hales Stancil
- Vet Briefs
- Editorials

Swine News...

- Gatrell Buys Gilt
- Swine Association Meets
- State Fair Swine Show Held

Dairy Features...

- Youth Hold Dairy Show
- State Fair Dairy Report
- December Milk Production
- Dairy Newsletter

The Cover for March, 1959

These Brahman bulls are typical of those being produced by today’s registered Brahman herds. This photo was taken at the Clyde J. Keys Brahman Ranch at Odessa.

Service Issues of The Florida Cattleman for 1959-60

June . . Better Pastures
July . . . Better Bulls
August . . Marketing
September . . Dairy & Short Horn
October . . Herefords—Feeds, Feeding
November . . Aberdeen-Angus
December . . Equipment
January . . American Breeds
February . . Florida Horses
March . . Brahman

The Florida Cattleman
Humberto PH 80 – Weight 2760

Shown in competition with the top Charolais cattle in the country, Humberto has never been defeated.

For Sale
Bull and heifer yearlings, 1/2 Charolais to Purebred

We are pleased that Humberto could end his show career on top where he has consistently been throughout his show days. We are retiring him because he is of much more value to us as a breeding bull than he could ever have been as a show bull. We invite you to visit DS Ranch and see this great breeding bull.

DS RANCH
D. A. SALLS • W. A. SALLS
PHONE 34-8684 or 31-8483
CLEARWATER, FLORIDA
REGISTERED CHAROLAIS AND CHARBRAY CATTLE
The Versatile LUNDELL

Saves a down crop
Cleans Weedy Pastures
Shreds stalks or brush
Chops hay out of windrow
Cuts Millet

Remember!
The Heavy-Duty LUNDELL Offset Chopper
Was Made Especially for Florida Forage Conditions!

GRAVES
DISTRIBUTING COMPANY
R. Lee Graves, Owner, Box 708, Ph. 71 7-2123
KISSIMMEE, FLORIDA

SPECIALIZING IN FRESH GREEN FEEDING AND SILAGE. Meet our "family" of specialized machinery: THE COOLEE wagon, THE ENSILOADER, LUNDELL OFFSET CHOPPERS.

Editor's Desk

That Anniversary Special Got Comment!

Denver, Colorado

I AM sure that the cattlemen of Florida are very grateful to you for having done such a fine job of rounding up the historical material on the Florida Cattlemen's Association's 25 years of life—and we certainly appreciate it because it is one of the finest anniversary sections we've ever seen.

. . . It will be interesting to stockmen in all parts of the nation (and) I hope that you and/or the Association are planning to make reprints available . . . The cattlemen who are not already active members of FCA should be proud of the job these dedicated stockmen have been doing for them for the past quarter century—with many more generations of solid accomplishments ahead.

. . . And you couldn't have picked a better man to honor than June! You've said it all so well in your editorial: the only thing that I could add is that Florida cattlemen perhaps do not fully recognize the service that men like June, Elmo and the past presidents have given the state and the nation.

The Florida Association is one of the most active and respected in the country because of their dedicated service and activities.

Latest Statistics

Screwworm Report (from FLB, USDA) . . .

<table>
<thead>
<tr>
<th>Week Ending</th>
<th>Flies Released</th>
<th>Flown Flown</th>
<th>Sq. Mi. Covered</th>
<th>Cases S.</th>
<th>Cases N.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan. 17</td>
<td>52,046,200</td>
<td>105</td>
<td>520</td>
<td>44,500</td>
<td>16</td>
</tr>
<tr>
<td>Jan. 24</td>
<td>54,172,000</td>
<td>97</td>
<td>507</td>
<td>40,800</td>
<td>22</td>
</tr>
<tr>
<td>Jan. 31</td>
<td>57,773,400</td>
<td>96</td>
<td>540</td>
<td>44,500</td>
<td>3</td>
</tr>
<tr>
<td>Feb. 7</td>
<td>51,689,900</td>
<td>93</td>
<td>471</td>
<td>44,500</td>
<td>10</td>
</tr>
</tbody>
</table>

*All in Broward, except for one case in Palm Beach and one case in Orange.

Commercial Slaughter and Average Weight (USDA) . . .

<table>
<thead>
<tr>
<th></th>
<th>Cattle</th>
<th>Calves</th>
<th>Swine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Head Lbs.</td>
<td>Lbs.</td>
<td>Lbs.</td>
<td>Lbs.</td>
</tr>
<tr>
<td>Dec. 1958 (Fla.)</td>
<td>26,000</td>
<td>856</td>
<td>1,884,500</td>
</tr>
<tr>
<td>Dec. 1957 (Fla.)</td>
<td>37,000</td>
<td>791</td>
<td>6,954,800</td>
</tr>
<tr>
<td>Dec. 1958 (U.S.)</td>
<td>1,884,500</td>
<td>1033</td>
<td>6,954,800</td>
</tr>
<tr>
<td>Dec. 1957 (U.S.)</td>
<td>1,981,000</td>
<td>983</td>
<td>6,603,400</td>
</tr>
</tbody>
</table>

Slaughter Under State Inspection, Head (FLB) . . .

<table>
<thead>
<tr>
<th></th>
<th>Cattle</th>
<th>Calves</th>
<th>Swine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Head Lbs.</td>
<td>Lbs.</td>
<td>Lbs.</td>
<td>Lbs.</td>
</tr>
<tr>
<td>Jan. 1959</td>
<td>16,315</td>
<td>5315</td>
<td>54,208</td>
</tr>
<tr>
<td>Jan. 1958</td>
<td>22,851</td>
<td>4782</td>
<td>57,360</td>
</tr>
</tbody>
</table>

Livestock Prices Per Hundred (USDA) . . .

<table>
<thead>
<tr>
<th></th>
<th>Cattle</th>
<th>Calves</th>
<th>Swine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Head Lbs.</td>
<td>Lbs.</td>
<td>Lbs.</td>
<td>Lbs.</td>
</tr>
<tr>
<td>U. S., January 15, 1959</td>
<td>22.90</td>
<td>27.80</td>
<td>$16.40</td>
</tr>
</tbody>
</table>

Beef Cattle Numbers (USDA Estimates, January 1, 1959) . . .

<table>
<thead>
<tr>
<th></th>
<th>1959</th>
<th>1958</th>
<th>1954</th>
<th>1949</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ranking</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Florida</td>
<td>13 th</td>
<td>1,620,000</td>
<td>1,555,000</td>
<td>1,416,000</td>
</tr>
<tr>
<td>Texas</td>
<td>1 st</td>
<td>7,402,000</td>
<td>6,559,000</td>
<td>7,228,000</td>
</tr>
<tr>
<td>Iowa</td>
<td>2 rd</td>
<td>4,988,000</td>
<td>4,726,000</td>
<td>4,183,000</td>
</tr>
<tr>
<td>Illinois</td>
<td>7 th</td>
<td>2,790,000</td>
<td>2,792,000</td>
<td>2,421,000</td>
</tr>
<tr>
<td>Mississippi</td>
<td>14 th</td>
<td>1,588,000</td>
<td>1,658,000</td>
<td>1,491,000</td>
</tr>
<tr>
<td>U. S.</td>
<td></td>
<td>64,025,000</td>
<td>59,937,000</td>
<td>59,518,000</td>
</tr>
</tbody>
</table>

For complete report, see April FLORIDA CATTLEMAN.
Put Wings on Your Bales

...Go JOHN DEERE

Bale Ejector Speeds Work...Eliminates Drudgery...Cuts Costs

They fly through the air with the greatest of ease—and easy it is with the Bale Ejector on a John Deere 14-T or 214-T Twine-Tie Baler. You speed operations...eliminate back-breaking lifting and stacking...cut your labor costs! The farmer who feeds his hay has everything to gain and nothing to lose with this low-cost outfit.

One-Man Baling and Loading

With the John Deere Baler set to make bales approximately half size, you simply drive along and the Ejector "pops" compact, sliced bales back into a trailing wagon. Fill 'er up and fill 'er up again, again, and again—nothing to it! A little wire fencing for a stack, a pole-type barn, or a hay mow—all make ideal storage. Half-sized bales tumble into place—no stacking is required.

One-Man Automatic Storing

A John Deere Bale-Size Portable Elevator puts bales away in a hurry. In barn mows, the Barn Bale Conveyor takes bales from the elevator and delivers them throughout the mow at 10-foot intervals. All you do is feed the bales into the elevator.

Investigate now! See your John Deere dealer. Mail coupon below for free folders.

Please send me free folders on the following John Deere Hay Equipment:

☐ 14-T Twine-Tie
☐ 214-T Twine-Tie
☐ Portable Elevator with Barn Bale Conveyor.

Name ____________________________

☐ Student

R. R. _______ Box ________

Town ____________________________

State ____________________________

For Conventional Baling, either the family-sized John Deere 14-T (shown at top with Ejector) or the larger 214-T (pictured above) assures plenty of capacity with cost-cutting dependability.
Here are the facts... write your own prescription

CAREY
MINERALIZED SALT PRODUCTS

Here are feeding guides that help you select the right salt and mineral products for your feeding program. You can "prescribe" accurately because Carey offers not one but four different mineralized salt products. There's one for every feeding program, for every kind of livestock.

In addition to the handy guide, these folders are filled with valuable information about mineral requirements, mineral deficiency symptoms, and how to cut feed costs with Carey Mineralized Salt Products. These five guides...for beef cattle, dairy cattle, hogs and sheep—and one on worm control...are yours for the asking. Just use the coupon below.

The Carey Salt Company, Dept. FC-3, Hutchinson, Kansas
Please send me the following Carey Salt Feeding Guides:

- ☐ For Beef Cattle
- ☐ For Dairy Cattle
- ☐ For Hogs
- ☐ For Sheep
- ☐ Worm Control

NAME __________________________
ADDRESS __________________________________________________________
CITY __________________________ STATE __________________________

TRAILEVATOR...hydraulically eases back of trailer down to ground level so animal can be walked on or off. Trailer carries loads of up to a ton, and is made by Magline, Inc., Pinconning, Michigan.

because of the leadership and inspiration they provided—and June is indeed a fine example of all these qualities.

Lyle Liggett, Information American Nat'l Cattlemen's Ass'n

Gainesville

CONGRATULATIONS on a splendid 25th Anniversary Edition. This was very well done and represents a great deal of work and effort.

Dr. T. J. Cunha, Head Department of Animal Husbandry University of Florida

Kissimmee

THE MAGAZINE was very attractive and I enjoyed reading it very much...

Mrs. Kirby Hancock R. D. Keene Ranch

Ocala

ENCLOSED is my check (for $10 covering the Silver Anniversary listing)...I am very glad to contribute to such a cause. (However), I was disappointed...when...I saw the horses pictured on the cover...

Louis Gilbreath

'We'd like to take this opportunity to thank the many who spoke to us in person, phoned, or otherwise let us know

SELECT-O-SPEED...automatic transmission is Ford tractor feature. Controlled with one lever and needing no clutch, it has ten forward speeds and two in reverse, plus neutral and park positions. Gear ratios and ground speeds at different engine rpms show on the lighted dial.
FOR MOST HAZARDS FROM BIRTH TO FINAL MARKETING
THERE'S A PROVEN FRANKLIN PROTECTIVE PRODUCT

BLACKLEG and MALIGNANT EDEMA

Protect your calves with the dependable, one dose,

FRANKLIN CCS BACTERIN

CLOSTRIDIUM CHAUVEI-SEPTICUS BACTERIN
combines a full immunizing dose against Blackleg with a full immunizing dose against Malignant Edema.

Over 40 years experience in providing stockmen with the highest quality protection against Blackleg is incorporated in each FRANKLIN dose.
Only one quality bears the Franklin label — the highest Franklin know-how can produce.
Over 130,000,000 million calves have been protected against Blackleg with Franklin.
YET — Franklin protection against Blackleg and Malignant Edema costs no more — only 12¢ per dose — lower than 30 years ago.

Stockmen Get a Wide Margin of Extra Potency

More Stockmen
Protect More Calves from BLACKLEG & Malignant Edema
with FRANKLIN
than Any Other Brand

IT PAYS TO DEHORN EARLY
FRANKLIN DEHORNING PASTE
Convenient, Effective, Bloodless.
FRANKLIN TUBE DEHORNS
BARNES ELECTRIC COPPER IRONS
BLOODSTOPPER

Calf Scours Respond to Sulfa Treatment!
FRANKLIN INFECTIOUS SCOUR TREATMENT Liquid
FRANKLIN INFECTIOUS SCOUR BOLUSES
inhibit the bacterial growth commonly associated with infectious calf scours, and also some secondary infections such as calf pneumonia.
In severe cases, the use of FRANKLIN PENICILLIN-STREPTOMYCIN will reinforce the action of the sulfa.

Frothy Bloat Treatment
Injects defoaming agent direct into the rumen, quickly breaking down the frothy mass of gas bubbles. Bloat needle attaches to top of bottle. Ask for special bloat circular.

Ready for You! Complete stocks of Franklin Products are at your nearby Franklin Drug Store Dealer, who is also qualified to help you use them properly.

Catalog describes and prices complete line. Free from your local Franklin Dealer, or by mail.

O.M. FRANKLIN SERUM CO
DENVER • KANSAS CITY • WICHITA • ALLIANCE • AMARILLO
FT. WORTH • MARA • EL PASO • MONTGOMERY • PORTLAND
SALT LAKE CITY • BILLINGS • LOS ANGELES • CALGARY
Livestock Pest Control... and the Most Economical, Too!

COOPER-TOX EXTRA

KILLS FLIES  KILLS LICE  KILLS TICKS

for less than 3¢ PER HEAD

You can't buy a better livestock dip or spray. Range-proven COOPER-TOX EXTRA is specifically formulated to control flies, lice and ticks on cattle, sheep, hogs and goats. It kills faster... protects longer against reinfestations... and costs far less, too. It takes less than 3¢ per head to give your livestock this protection. Just one gallon makes 150 gallons of full-strength spray or dip. Easy to mix. For the best pest control—and the most economical—protect your animals with COOPER-TOX EXTRA.

Plus THESE BENEFITS

★ PROTECTS LONGER
★ KILLS FASTER
★ CURES HOG MANGE and SHEEP SCAB
★ REDUCES SCREW WORM INFESTATION

STOPS PINK EYE

New Pressurized OPTICURE SPRAY

EFFECTIVE! Proven formula assures quick relief and positive protection for Pink Eye in cattle and sheep.

SAFE! Metered valve measures exact dose automatically.

CONVENIENT! Always ready for use. Spray container won't break or spill.

ECONOMICAL! Treats 500 Eyes safely... effectively.

LOADER... by Oliver is shown with 140-bushel power take-off manure spreader. The loader is the Model 89, here shown lifting manure.

LOADER... by International has rated capacity of 900 pounds, is designed for use with eight different models of IH tractors.

LOADER... by New Idea features a low profile, leaves operator safely away from moving parts, can be mounted in 15 minutes.

You Can't Stay Ahead Of Those Louisianans!

Baton Rouge, Louisiana

I AM writing to correct a statement in your column, "FCA Reports," wherein you state: "Two Floridians, P. E. Williams and Cushman S. Radebaugh, have previously served in this capacity (American National vice president), as has one Louisianan, N. H. Dekle."

I would like to call to your attention the fact that Mr. Sylvan Friedman, who...
An entirely new kind of cost-cutting feed ingredient

OVER 49 FEEDING TRIALS SHOW

TRAN-Q®

INCREASES GAIN RATE AND FEED EFFICIENCY

BEEF
- Beef gains boosted 6%-27% . . . all-trial average 12.4%
- Feed efficiency improved 5%-23% . . . all-trial average 10.2%
- Up to $11.13 increased return per head after TRAN-Q is paid for!

SHEEP
- Sheep gains boosted up to 42%
- Feed efficiency improved as much as 22%
- Increased dollar return averaged 87 cents per animal above the cost of TRAN-Q.

Here’s an entirely new way to cut your beef production costs. You can net three, five, ten or more extra dollars for each animal you feed . . . get more for every lamb you fatten.

Tran-Q is not a hormone-like substance such as stilbestrol...not an antibiotic or a replacement for any other feed ingredient. Tran-Q is an entirely new kind of feed ingredient—unlike any you’ve ever used before.

A blockbuster of a gain booster
Tran-Q is a unique member of the tranquilizing drug family that has been undergoing extensive feeding trials for several years by Pfizer and feed industry scientists.

New source of extra gains
The extra gains and improved feed efficiency you get with feeds containing Tran-Q are not available from any other feed ingredient.

For example, in one 84-day cattle trial, when Tran-Q was added to rations containing Terramycin®, stilbestrol, or both, it improved gains 12%, feed efficiency, 7%.

Arrival day to marketing day
Improved growth response and feed efficiency are obtained with feeds containing Tran-Q throughout the entire feeding period.

It is effective in all types of rations including high-roughage and high-energy finishing feeds.

Tran-Q brings you an entirely new way to cut your costs of producing a pound of beef or lamb. For complete details, ask your feed supplier.

Chas. Pfizer & Co., Inc.
Science for the world’s well-being
Brooklyn 6, N. Y.
was president of the Louisiana Cattlemen's Association, was elected vice president at the San Francisco convention in 1951. Mr. P. E. Williams was the first person from the deep South to receive this honor and Mr. Friedman the second.

I get a great deal of pleasure in receiving your magazine.

Noah Ward, Executive Secretary
Livestock Brand Commission

'Thanks to Mr. Ward (who served for several years as secretary of the Louisiana Cattlemen's Association) for setting us straight on this point.

Waldo Sexton Day
Was Quite a "Fling"!

Vero Beach

DON HEROLD said: "You have lived a book." If that is so, you have helped me; it has been fun...

It was a great day. They sent out 1000 invitations, got back 5000 acceptances. They fed 3000: 2000 had to fend for themselves. Was I embarrassed! I tried the loaves and fishes but it didn't work. Everyone wanted cake.

Waldo Sexton

'For those who missed it, Mr. Sexton was honored by his fellow-townsmen last November 5. He's been answering the congratulatory mail ever since!

For the Record: A. O. Smith Doesn't Make Cough Drops!

A recent news release from a Milwaukee public relations firm notes: "There are Smiths and Smiths and Smiths. So when you write about us, would you please be sure to say "A. O. Smith? You'd go crazy, too, if you kept getting orders for cough drops!" Naturally, the release refers to A. O. Smith Corporation, Kankakee, Illinois, makers of the Harvestore!

New Nitrogen Company Building at Tampa

A $3 million plant (see photo) is scheduled for construction soon near Tampa, George V. Taylor, president of Florida Nitrogen Company, has advised the Greater Tampa Chamber of Commerce. The original plant, first in peninsular Florida is shown in artist's conception. It will be built near Tampa (see article).

Farming was never easier! Now you can shift on-the-go without stopping—without clutching. Ten forward and two reverse speeds. What's more, there is no clutch pedal and no big shift lever sticking up in your way.

A touch of the finger moves the Selector lever to the speed you want...hydraulic power does the work of shifting! There is no interruption of power, no slippage, no loss of time!

Now Select-O-Speed lets you choose a new gear and speed as often as necessary. Select-O-Speed gives you new efficiency and economy—longer tractor life on less fuel. And there's more...

New! Ford Independent Power-Take-Off may be engaged or disengaged without stopping. With Select-O-Speed you can match your travel speed to all crop and field conditions, anytime!

Get more for less... get the newest and best! Get Ford Select-O-Speed! Find out about the easy credit terms. See your nearby Ford Tractor Dealer... get all the facts. Ford Tractor and Implement Division, Ford Motor Co., Birmingham, Mich.
SHIFT UP AND DOWN under load, without clutching, without stopping... plow at the correct engine speed—all day long. With Select-O-Speed you can shift down for plus power when you need it; shift up to save time when conditions permit. You can plow up to 27% more!

FORD'S new Independent PTO lets you engage and disengage PTO machines on the go! Handy pull-push handle on the dash makes it easy to disengage the PTO for speedy headland turns... lets you ease it back in again without stopping! Now with Select-O-Speed you can maintain proper PTO speed at all times and quickly match ground speed to crop or field conditions.

ONLY FORD offers the convenience of clutchless shifting without stopping! Only Ford gives you Independent PTO... plus 6 ground speeds of 4 MPH or less, lets you finish your PTO work faster on less fuel. And you won't get as tired because Ford Select-O-Speed and Independent PTO are shifted by hydraulic power! And there's more, too!

ONLY FORD Select-O-Speed lets you start heavy loads in a lower gear, then shift up on-the-go to the best gear for the load or road. Shift down on-the-go for rough ground or inclines... for safe braking action on downgrades. Do your hauling jobs faster and safer—with less wear on brakes and tires! And remember, only Ford has it!
MEMBERS OF THE
FLORIDA ASSOCIATION
OF LIVESTOCK MARKETS
SUBSCRIBE TO THIS
Code of Ethics

National Association of Livestock Auction Markets
CODE OF ETHICS

The conduct of the operation and services of this livestock auction market is with complete and continuing assurance that it meets the following standards:

1. Operates in the best interests of the public.
2. Maintains high standards of honesty and integrity.
3. Offers proof of financial stability.
4. Works for the best market interests of its consignors at all times.
5. Furnishes a high standard of selling services and handling services to the consignor.
6. Guarantees full payment to the consignor.
7. Advertises for competitive buyer participation.
8. Extends courtesy to both buyer and seller.
9. Publicizes the full nature of the part taken by the market owner in each market transaction.
10. Guarantees accurate weight.
11. Furnishes the consignor a true and accurate written account of each market transaction.
12. Maintains a reasonable, uniform and publicly posted schedule of charges for its services.
13. Maintains a method of health inspection on all livestock sold.
14. Keeps all facilities and pens in a clean, sanitary condition.
15. Offers all necessary services incident to the good marketing of livestock.
16. Supports promotional activity by educational and civic organizations for the betterment of the livestock industry.

BUY-OR SELL—with confidence from these markets (all are members of the Florida Association of Livestock Markets, and of the National Association of Livestock Auction Markets):

Glades Livestock Market
Auctions Every Monday
George Young, Mgr. • Ph WY 6-3028
BELLE GLADE, FLA.

Walton County Livestock Market
Auctions Every Thursday
Sam Rachels, Mgr. • Phone TW 4-7781
DEFUNIAK SPRINGS, FLA.

Gainesville Livestock Market
Auctions Every Monday
L. H. Thompson, Mgr. • Phone FR 6-3211
GAINESVILLE, FLA.

Tindel Livestock Market
Auctions Every Monday
Claud Tindel, Mgr. • Phone AN 3-3001
GRAVEVILLE, FLA.

Kissimmee Livestock Market
Auctions Every Wednesday
Kenneth Caldwell, Mgr. • Ph TL 6-2521
KISSIMMEE, FLA.

Cattlemen's Livestock Markets
Monday • Sales • Tuesday
Harry McCollum, Mgr.
Ph 4-1145 • Ph MU 5-1411
TAMPA and LAKELAND

Suwannee Valley Livestock Market
Auctions Every Wednesday
O'Neal Bootwright, Mgr. • Ph FO 2-1702
LIVE OAK, FLA.

West Florida Livestock Market
Auctions Every Tuesday
Bill Fite, Mgr. • Phone HU 2-2229
MARIANNA, FLA.

Monticello Stockyards
Auctions Every Monday
John Hawkins, Mgr. • Phone WY 7-1711
MONTICELLO, FLA.

Mid-Florida Livestock Market
Auctions Every Monday
Gilbert Tucker, Mgr. • Ph GA 5-0432
ORLANDO, FLA.

Okeechobee Livestock Market
Auctions Every Tuesday
Tom Kirby, Mgr. • Phone RO 2-5521
OKEECHEE, FLA.

Gadsden County Livestock Market
Auctions Every Wednesday
Wayne Henry, Mgr. • Phone MA 7-8627
QUINCY, FLA.

For Further Information about Florida Livestock Markets, Contact
FLORIDA ASSOCIATION OF LIVESTOCK MARKETS
Livestock Exchange Building, Kissimmee, Florida

SMALL BALES . . . not pelletizing, is the big news in hay-making, says New Holland, which is marketing the mechanical thrower shown. The small bales make drying more practical, but it's still dependent on reasonably low moisture content.

Florida, will include facilities to produce solid 20.5 percent nitrate and a full line of nitrogen solutions for agriculture and industry. A nitric acid plant is also planned, with an ammonia plant to be added at a later date, bringing total investment up to $7 million.

Plant will be located about six miles east of downtown Tampa. Taylor said that long-term commitments by the Florida fertilizer industry made the plant possible.

Logan Named Livestock Man
By First National, St. Pete.

JOHN HENRY LOGAN, long-time Pinellas County agricultural agent, has been named head of the farm and livestock department of the First National Bank of St. Petersburg, according to H. R. Playford, the bank's board chairman.

"For years we have been making loans in the citrus and cattle industries," Playford said, "but never had a staff member who fully understood these industries." Logan, former national president of the county agent's association, is the sixth full-time agricultural man hired by a Florida bank.

Early General Manager
Of Tuxedo Feeds

DONN D. EARLY has been named general manager of the Tuxedo Feeds Division of The Early and Daniel Company. A company employee for 15 years, he has been assistant to the general manager, and advertising manager, since 1952. Early and Daniel's Tampa plant is one of its three main mills.

Trace Elements May Be Keeping
Land From Being Productive

An Australian scientist—Dr. A. J. Anderson—says: "It seems likely that hundreds of millions of acres are now kept..."
This high-quality temporary summer crop has been used very successfully as grazing for cows in heavy milk production and to grow yearlings up to 130% of their normal rate of growth. Another of its principal uses is the production of large quantities of high protein, very palatable, and highly digestible silage. The productive season, with March, April, or May planting, can be for a period of six months.

Millet should be planted on 500 pounds per acre of an Ideal complete fertilizer. After each grazing or cutting, top dressings should be made, alternating between Ideal Nitrogen materials and Ideal complete fertilizers. Contact your Wilson & Toomer representative now and let him help you plan a millet crop into your pasture program.
Now...A **NEW** Drench with as much as **TWICE THE WORMING ACTION**

Of Regular Phenothiazine!

**NEW...EXCLUSIVE**

**COOPA-FINE**

★ CONTROLS MORE KINDS OF WORMS...
★ CONTROLS MORE WORMS OF EACH KIND...
★ IN CATTLE, SHEEP & GOATS!

Now...get better results than ever before possible when you drench your animals. It’s a fact: regardless of the phenothiazine compounds you are using now, **COOPA-FINE** will give **twice the worming action** against Brown Stomach Worms, Lesser Stomach Worms (osteortagia), Black Scour Worms, Bankrupt Worms and Small Intestinal Worms (trichostrongylus). **COOPA-FINE** also gives improved control against all important nematodes in sheep, goats and cattle.

New **COOPA-FINE**—The Only Super Fine Drench For Super Warming Action! World wide research has proved that finely ground phenothiazine-particles 10 microns (1/25000th of an inch) and smaller-produces the greatest worming action. And new **COOPA-FINE** gives you more than 3 times as many 10-micron-or-smaller phenothiazine particles, by weight, as any other worming compound! That’s why **COOPA-FINE** reaches more worms (especially the smaller species) ...**kills more worms**! For better worm control than ever before possible, get new **COOPA-FINE**—the only super-fine phenothiazine in America. At your dealer, now!

**CHOOSE THE DRENCH THAT SUITS YOUR NEEDS**

**COOPA-FINE SPECIAL**
(With Lead Arsenate)
For Sheep & Goats
Controls tape worm as well as most other worms.

**COOPA-FINE DRENCH**
For Cattle, Sheep & Goats
And **COOPA-FINE IS MINERALIZED**!
Has trace elements iron, copper, cobalt for after-worming "pick-up"!
**HOMOGENIZED**!
Smooth ... uniform ... does not cake or clag syringe.
**ECONOMICAL**!
The best economy is results ... and new **COOPA-FINE**
gives the best results for your money!

**EFFECTIVENESS OF COOPA-FINE**

<table>
<thead>
<tr>
<th>TYPE OF WORM</th>
<th>COOPA-FINE</th>
<th>Ordinary Phen.</th>
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<td>99% (approx.)</td>
<td>90% (approx.)</td>
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<tr>
<td>Lesser stomach</td>
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<tr>
<td>Small intestinal</td>
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<td>Nodular</td>
<td>85 to 95%</td>
<td>70% to 80%</td>
</tr>
<tr>
<td>Large-mouthed bellow</td>
<td>85 to 95%</td>
<td>70% to 80%</td>
</tr>
</tbody>
</table>

Valuable Booklet On
New **COOPA-FINE** Is Yours FREE!
See Your Dealer or Write

WM. COOPER & NEPHEWS, INC.
1909 N. Clifton Ave., Chicago 14, III.

---

**41 CENTS A POUND ...** was what little sister, Cheryl, 7, was worth to 18-year-old Allan Copeland, senior at Arcadia's DeSoto High School, during the Florida Fat Stock Sale at Tampa. Chilean Nitrate paid that for the steer, then added on the same amount per pound for the second grader who led her big brother's steer around the ring.

from productivity by nothing more than the easily remedied lack of trace elements," according to a news release from Climax Molybdenum Company of New York.

Careful monitoring of molybdenum and other trace elements may well be the key to meeting food requirements for the world's mounting population, according to Anderson.

**Griffey Is New M & M Cattle Superintendent**

WALLACE A. GRIFFEY, a University of Tennessee graduate, has been employed as cattle superintendent of M & M Ranch, Angus breeders of Loxahatchee, according to General Manager Scott L. French. Griffey holds both bachelor's and master's degrees from Tennessee. 28, he served two years in the Army.

He was born in Clarksville, Tennessee and, since September 1956, has worked as assistant herdsman with the University of Tennessee's Alcoa herd which is made up of some 600 head of commercial and purebred cattle. At M & M he is in charge of the large purebred Angus herd and the commercial Angus herd.

**Several Movies Are Now Available**

A series of new movies have been made available for use by farm groups, as follows:

"Safe Farming, U. S. A.," in color, produced by Allis-Chalmers, a four and a
3 all-new tools
to make LEAFY hay

There's big news this year in haymaking! Allis-Chalmers is introducing three new, faster, smoother-working hay tools.

First is the rugged, no-pitman Model 80-R, tractor-mounted mower with TWIN-WHEEL balanced drive. Smooth, fast action, cuts cleaner and quieter.

Second, the super-smooth, tractor-mounted No. 77 parallel-bar rake moves hay a shorter distance from swath to windrow... saves more leaves.

Third, the No. 10 Model ROTO-BALER rolls hay into leafy, weather-resistant round bales—non-stop.

Now you can make better hay... faster. Save the leafy, nutritious goodness for more livestock gains... increase production and profits. Ask your Allis-Chalmers dealer how these new tools help you make first-choice hay.

New Mower! The 80-R brings you new advantages in a no-pitman mower. It has TWIN-WHEEL drive and new bridge-built frame for maximum strength and rigidity. Glides through heaviest hay—cuts faster, cleaner. Quick-attaches to A-C tractors. Trail-type No. 7 mower fits all make tractors.

New Rake! The new No. 77 is the latest and best of the popular parallel-bar rakes. Attaches to Allis-Chalmers tractors with SNAP-COUPLER hitch and is hydraulically lifted and lowered. Where tedding is wanted as well as raking, use the trail-type No. 7. Operates with all make tractors.

New No. 10 Model ROTO-BALER! Offers all the advantages of weather-resistant round bales... with non-stop operation. Companion to the standard model—lowest-priced, big-capacity baler on the market.

Make the BIG MOVE
to More Profit!

ALLIS-CHALMERS, FARM EQUIPMENT DIVISION, MILWAUKEE 1, WISCONSIN

LISTEN! Farm news, markets, music! “National Farm and Home Hour” NBC radio.
Raise grass to the high-profit level with PASTURGRO

prove to yourself that

3 ACRES CAN PROFIT LIKE 4

Pasturgro is the plant food made especially for grass and grass-legume mixtures. It's produced right here in Florida for our soils and weather conditions. And Pasturgro is made by Swift's exclusive Flo-Fusion process which chemically-hitches all elements. There's balanced fertility in every particle.

This year prove to yourself how easy it is to make three acres profit like four with Pasturgro.

GROWERS' ADVISORY SERVICE
Swift's trained Growers' Advisory Representative will analyze your soil and help you work out your production problems. There is no charge for this extra Swift Service.

SPECIAL BULK DELIVERY
Save on bags and handling with our self-unloading bulk transports. They will bring Pasturgro right to your field and unload it into your distributing equipment.

SAFETY . . . on the highway means following the rules of the road, for tractors as well as autos. New Allis-Chalmers movie shows tractor driver pulling over onto shoulder to let faster vehicles pass safely (see news note below).

half minute feature dealing with highway safety for farm vehicles (see photo). The Allis-Chalmers branch office at Chamblee, Georgia, should be contacted by groups interested.

“A Sealed System for Haylage,” and “A Sealed System for High Moisture Grain” are the titles of two movies available from A. O. Smith Corporation, Kankakee, Illinois, each 16 millimeter, 23 minutes, with color and sound. Write the Education and Training Department, Milwaukee, Wisconsin.

“Dynamic Careers Through Agriculture” is the name of a movie dramatizing the great variety of rewarding careers available in modern agriculture, recently issued by Pfizer. Organizations interested in the 16 millimeter film free on a loan basis should contact Public Relations Department, Chas. Pfizer & Sons, 800 Second Avenue, New York 17, N. Y. Specify two alternate dates, the place where it is to be shown, and whether black and white (for TV) or color print is wanted.

Caterpillar has issued “Report on the Giant,” a 17-minute sound and color film showing the Cat D9 tractors at work on tough jobs. Showings can be arranged through local Cat dealers.

“Think About Water” is a 28-minute film, with color and sound, 16 millimeter, published by the Plumbing-Heating-Cooling Information Bureau at Chicago. In Florida, copy may be borrowed from the Film Library, Florida Agricultural Extension Service, Gainesville.

Lepto Is Carried by Rodents, Says Niagara

LEPTOSPIROSIS, an increasingly common abortion-causing disease of cattle, is caused by a strain of bacteria carried by rodents and passed through urine, which can contaminate water and feed. Bacteria usually enter through cuts and bruises in the skin and through mucous membrane of mouth, nose and eyes. The newly-discovered chemical anticoagulant, diphacinone, is recommended by Dr. Robert L. Gates, Niagara's director of research, as a killer of rodents which may carry the disease.

The Florida Cattleman
IN SHIPPING LIVESTOCK from RANCH to FEEDLOT...

Pocket $4 to $10 more per head

Trilafon

REDUCES SHRINK UP TO 50%

<table>
<thead>
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<th>NO. IN GROUP</th>
<th>TREATMENT</th>
<th>TRAVEL TIME</th>
<th>AVERAGE SHRINK (LBS.)</th>
<th>AVERAGE SAVING IN LBS.</th>
<th>EXTRA PROFIT PER ANIMAL SOLD*</th>
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<tr>
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<tr>
<td>25</td>
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<td>54</td>
<td>96</td>
<td>31.1</td>
<td>59.3</td>
<td>28.2</td>
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*based on June, 1958, prices @ $27.00 Cwt.

Only Trilafon (The Injectable Tranquilizer) offers these benefits:

- holds shrink to a bare minimum
- helps prevent shipping fever
- blocks lowering of natural resistance to infection
- calms animals, stops bawling, fence walking — shortens adjustment to changed handling procedures and new environments
- puts animals on full feed — almost overnight

Trilafon® Injection, Veterinary (perphenazine) — sold only through graduate veterinarians

why settle for less?

SCHERING CORPORATION • BLOOMFIELD, NEW JERSEY
Calves Grow Faster When Fed

Ultra-Lifed Calf Food Pellets

ULTRA-LIFED CALF FOOD PELLETS produce big, fast-growing, healthy calves with that extra bloom and finish that not only catches the judge’s eye in the show-ring, but bring extra profits on the beef market.

HECTOR’S SOUTH FLORIDA FEEDS AND MINERALS PUT YOUR CATTLE TO WORK FOR YOU!

Makers of Ultra-Life Fortified Feeds and Minerals

HECTOR’S Feed Mills
Deerfield Beach, Fla.

Matthews Showed Champ Steer in 1939...

T. D. Matthews of Alachua showed the grand champion steer at the 1939 Florida Fat Stock Show, February 23-24 in Jacksonville (now held at Ocala and called Southeastern Fat Stock Show).... An editorial in The CATTLEMAN points out the need for the State Legislature to pass laws granting permission to slaughter the last of the ticky deer in Collier and Hendry Counties.

Quarter Horse Champions Picked in 1944...

An article in the 1944 CATTLEMAN tells of Big Chief, a Quarter Horse stallion owned by Durrance Ranch, Brighton, and Bonnie Eva, a Quarter Horse mare owned by H. O. Partin and Sons, Kissimmee being selected grand champions at the Florida Quarter Horse Association’s 1944 show which was held in Orlando.... The per capita meat consumption for Americans during the war year 1944 was 132 pounds, reports The CATTLEMAN.

Ocala Brahman Averaged $880 in 1949...

The Ocala Brahman Sale averaged $880 at the 1949 event with H. O. Partin and Sons of Kissimmee consigning the sale topper at $2700 which sold to Norris Cattle Company of Ocala.... Quincy’s fifth annual West Florida Fat Cattle Show established a new record in posting an average of $44.32 per hundred-weight in March 1949, reports The CATTLEMAN.

Polled Brahman to Texas in 1954...

A SHIPMENT of four polled Brahmans to Texas was reported by Jennie A. Reninger of Lake Placid, who said she believed this to be the first shipment of polled “Humpbacks” from Florida to Texas. The four animals were purchased by Heard Whitefield of Friona, Texas.
Angus were tops at both Ocala and Tampa!  

... AND MADE A GRAND SLAM IN TAMPA'S CARCASS CONTEST

**Beefy Blacks Win Top Honors ...**

Two of Florida's largest steer shows are the Southeastern Fat Stock Show held at Ocala in January and the Florida Fat Stock Show held at Tampa in February. This year the Angus breed scored a decisive victory at both shows, winning both the grand and reserve grand championships at Tampa and the individual steer grand championship, in addition to the carlot grand championship at Ocala.

Our sincere congratulations go to: Tommy Hudspeth of St. Cloud for showing the GRAND CHAMPION OF THE SHOW, also 4-H CHAMPION at Tampa; Ronald Gibbs of Pensacola for showing the RESERVE GRAND CHAMPION, also 4-H RESERVE CHAMPION at Tampa, Gary Hollingsworth of Arcadia for showing the FFA RESERVE CHAMPION at Tampa; Bobby Lowery of DeLand for showing the GRAND CHAMPION OF THE SHOW, also FFA CHAMPION at Ocala; Wilma Richardson of Zolfo Springs for showing the 4-H CHAMPION at Ocala; and W. J. Whitehurst and Sons of Archer for showing the GRAND CHAMPION CARLOT at Ocala.

**Angus Sweep Carcass Show ...**

The Angus breed has consistently dominated the carcass contest at the International Livestock Exposition in Chicago and this year, the second year that such a contest has been available for entry in Florida, the breed had both the grand and reserve grand champion carcass. The same thing happened at the carcass contest in Tampa last year. The grand champion carcass was an Angus owned by Jerry Marshall Kelly of Tampa, while the reserve champion was owned by Raymond Tamargo, Jr., also of Tampa. Angus carcasses took the top four placings in the lightweight class, the top six in the mediumweight class, and the top three placings in the heavyweight class.

**The Proven Beef Breed ...**

We're proud of these exhibitors and their wise choice of Angus steers and also happy to be able to point out the advantages of the Angus breed to Florida cattlemen. You've seen what Angus bulls and Angus mothers can do in your own commercial herd or that of your neighbor. Whether it's on grass or feed, Angus are the best. For more profits raise Beefy Blacks! For any breed information, write

American Angus Association, St. Joseph, Missouri
Florida Aberdeen-Angus Association, Walter R. Williams, President
Route 2, Box 920, Lakeland, Florida
If you want richer, greener pastures and cover crops... bigger, better-fed beef... increased meat and milk production... more profit... you want ARMOUR VERTAGREEN for Commercial Crops!

It's the field-tested fertilizer that has been specially formulated for Florida soils... the fertilizer created to build the thicker, greener grazing land that helps you make more profit! Order now from your Armour dealer.
More Fairs Have Been Scheduled!

March events will wind up season

Six fairs and livestock shows are set to be held in Florida during the month of March to wind up the winter show season, according to reports received by Cattlemen editors.

They include the following:
- March 2-3—North Florida Livestock Show, Madison; March 2-7—Volusia County Fair, DeLand; March 3-8—Sugarland Exposition, Clewiston; March 4—Greater Gainesville FFA Area Steer Show and Sale, Gainesville; March 9-14—Lake County Fair, Eustis; and March 15-21—Sarasota County Fair, Sarasota.

Madison's fifth annual North Florida Livestock Show will get underway when Don Wakeman of the University of Florida begins judging of the steer group entries at 2:00 p.m. on Monday, March 2, with the judging of individual 4-H and FFA steers to follow at 2:30 p.m.

Ken Durrance, also of the University, will judge the barrow groups at 9:00 a.m. on Tuesday, with single entries slated to be placed at 10:00 a.m. Jim Gorman of the Florida Retail Federation will present gain-in-weight contest awards.

HIGH-PRODUCING CLOVER Pasture... shown above is one of many such which are changing Florida's springtime grazing from the scarcity of the old days to a time of plenty. Above, L. H. "Buck" Hawkins and his son, Arlin, of Sarasota inspect cattle on 80 acres which has received a total of five fertilizations since it was planted a year ago in November. Following advice of Leroy Fortner, Superior Fertilizer's pasture specialist, the Hawkins' used these applications: At planting, 400 pounds 3-9-18, with unit of borax, plus copper, manganese and zinc; February 1958, 300 pounds 0-8-24; May 1958, 150 pounds granular muriate of potash; October 1958, 400 pounds 0-9-27; January 1959, 150 pounds muriate of potash.

Interstate Underpasses

The state will likely build you an underpass if one of the new interstate highways cuts through your property—provided it will be cheaper for them to do that than to pay severance damages.

So reports Wilbur E. Jones, Administrator of the Interstate Program for the State Road Department.

"The question of whether a cattle underpass is constructed in a specific instance involves economics," Jones writes. "If, for example, the State and the Bureau of Public Roads (which controls the expenditure of the 90 percent federal funds) determine that the severance damages can be reduced by an amount equal to or greater than the cost of an underpass, then the construction of such a facility is recommended by our engineering division."

Incidentally, Jones says that an underpass 8x10 feet in size will cost the state somewhere between $20,000 and $30,000, depending on terrain.

"The State Road Department is most anxious to work cooperatively with the property owners where the Interstate facility crosses their land. We recognize that in many instances an undue burden or hardship will face the property owner, and in such instances we feel that is our duty, to the fullest extent possible under our law, to cooperate in working out as satisfactory a solution as possible with the property owner," Jones writes.

Jones reports that one underpass is now being designed east of Polk City, about four miles west of Highway 27.
Tampa—It Was Biggest State Fair Ever Held!

The Florida State Fair's giant livestock show attracted more livestock than ever before in virtually all categories.

And Lykes Brothers emerged as the buyer of the grand champion steer—a 762-pound Angus shown by Tommy Hudspeth of St. Cloud—paying $3.60 per pound to gross the 4-H' er $2660.40.

Reserve grand champion, another 4-H entry, was sold to Morrison's Cafeterias by Gary Hollingsworth of Arcadia, going for 42 cents per pound to gross the 4-H' er $656.40.

Complete dairy results may be found starting on page 82, and swine beginning on page 30. Beef cattle champions were as follows:

Aberdeen Angus—Grand champion bull: Whitneymere 512, owned by Gulfstream Farm, Fort Lauderdale and El Clair Farms, Fort Lauderdale; Grand champion female: Blackcap of Sinkola 8, Sinkola Plantation, Thomasville, Georgia; Reserve grand champion bull: Sinkola 9, Sinkola; Reserve grand champion female: Miss Burgess of Sinkola 4, Sinkola.

Brahman—Grand champion bull: Thakore Emperor 781/1, W. H. Stuart, Bartow; Grand champion female: ADS Empress of Manso 651/0, A. Duda and Sons, Cocoa; Reserve grand champion bull: Keys Resoto Manso Jr. 605, Clyde J. Keys, St. Petersburg;

champion female: Keys Miss Bano Manso 704, Keys.

Hereford—Grand champion bull: HSF Silver V Domino, Holly Spring Farms, Covington, Georgia; Grand champion female: JF Zato Heiress 389, Jo-Su-Li Farms, Colquitt, Georgia; Reserve grand champion bull: JF Zato Hei, Jo-Su-Li Reserve grand champion female: Miss Silver Mauchle 10, Circle A Ranch, Sandersville, Georgia.

Santa Gertrudis—Grand champion bull: Spit Ball Jr., Panuleta Farms, Uleta; Grand champion female: Princessa, Palmer Ranch, Sarasota; Reserve grand champion bull: Velbertan's Duke, Velbertan Lake Ranch, Odessa; Reserve grand champion female: Infanta, Palmer.

Shorthorn—Grand champion bull: Hiho Factor 12th, Smith Ranch, Winter Haven; Grand champion female: Jacklen Nonpareil, Jacklen Farms, Plant City; Reserve grand champion bull: Oakwood Watchman, Smith; Reserve grand champion female: Orange Blossom Corinna 25th, Smith.

Detailed results by classes are listed as follows: Angus, page 32; Brahman, page 48; Hereford, page 60; Santa Gertrudis, page 68; and Shorthorn, page 73.

The steer sale at Tampa saw Publix Super Markets as the largest buyer, purchasing 24 steers for a total of $8179. In all, 135 steers were sold, with a total weight of 114493 pounds, grossing $48,344.11, for an average of 42 cents per pound, and $363.49 per head.

Carcass contest didn’t include the top champions, but the winner was another Angus—shown by Jerry Marshall Kelly, Tampa 4-H’er, whose 967-pound steer dressed out (chilled) at 607 pounds, for a 62.8 dressing percentage, and graded U. S. Choice.

The reserve champion carcass, another Angus, was shown by Raymond Tamargo, Jr., also a Tampa 4-H member, weighing 743 pounds at sale, dressing chilled 456 pounds, for 61.4 percent and a U. S. Choice rating.

Exhibitors of the winning carcasses (all of which graded Choice), listed in order by weight classes, with breed and dressing percentage, were:

**Lightweight** (10)—Raymond Tamargo Jr., Tampa, 4-H, Angus 61.4 percent; James M. Whitmer, Lutz, 4-H, Angus 58.8 percent; Turkey Creek FFA, Dover, Angus 63.0 percent.

**Mediumweight** (10)—Gail Williams, Winter Haven, 4-H, Angus, 60.0 percent; Randy Kincaid, Lake Wales, FFA, Angus, 57.2 percent.

**Heavyweight** (10)—Jerry M. Kelly, Tampa, 4-H, Angus, 62.8 percent; James Lee Smith, Jr., Odessa, 4-H, Angus, 63.5 percent; Jimmy Holben, Lake Wales, FFA, Red Angus, 63.9 percent.

Winners in the steer show, listed in order by classes, with number of entries in parentheses, were as follows:

**4-H Heavies** (25)—Ronald Gibbs (reserve grand champion, 4-H reserve champion), Pensacola; Donald Guyan, Tampa; Jerry Marshall Kelly, Tampa; Billy Fletcher, Bartow; Mary Jane Holben, Lake Wales.

**FFA Heavies** (11)—Tommy McPhillips (FFA champion), Chipley; Ronald Fitch, Plant City; Jimmy Holben, Lake Wales; Carney Camerons, Plant City; Raymond Smith, Largo.

**4-H Mediumweights** (29)—Donna Gatrell, Fairfield; Dow Hudspeth, St. Cloud; Sandra Gatrell, Fairfield; Sheryl Fossum, Live Oak; Gail Williams, Winter Haven.

**FFA Mediumweights** (13)—Ernest Johnson, Tampa; Jack Smith, Pompano Beach; Lamar Jenkins, Live Oak; Ronald Padgett, Tampa; Allen Cope, Land, Arcadia.

**FFA Lightweights** (29)—Gary Hollenwoode (FFA reserve champion), Arcadia; Dennis Ruffing, Dade City; George Ruis, Plant City; Maurice Brown, Jr., Lake Butler; Lamar Lindsey, Plant City.

A drug reported to be capable of removing worms from the lungs of infected cattle is being tested in Florida, according to Dr. L. E. Swanson, parasitologist with the Florida Experiment Station.

The drug, cyanacethydrazide, is a product of the Imperial Chemical Industries, Limited, of Cheshire, England. It is being used for lungworm research.

**Ocala—All Breeds Showed, Steer Show Was Also Held**

**GRAND CHAMPIONS** were selected in six breeds at the 1959 Southern Fat Stock Show, held this year during the week preceding the Florida State Fair, instead of in early March as in the past.

The fat steer sale saw an Aberdeen-Anksw shown by Bobby Lowery of DeLand bring 87 cents per pound, grossing the youngest $568.15 on her 1038-pounder.

FFA reserve champion was a Shorthorn shown by George Ruis of Plant City, while the 4-H reserve champion was another Shorthorn, shown by Gene Hooker, also of Plant City. Dixie Hills Hereford Farm of Fairburn, Georgia, had the adult reserve champion, another Hereford.

Champion carlot—Angus shown by W. J. Whitehurst and Sons of Archer—brought $31.25 per hundred from Centavo Savings and Loan Co. of Gainesville, to gross $469.34. 4-H champion of the show was won by an Angus shown by Wilma Richardson of Zolfo Springs. The animal was also purchased by Russell, who paid 55 cents per pound, grossing the younger $568.15 on her 1038-pounder.

Winn-Dixie Reserve champion was bought by Wilma Richardson of Zolfo Springs for $27. The animal was also purchased by Russell, who paid 55 cents per pound, grossing the younger $568.15 on her 1038-pounder.

**WINN-DIXIE** . . . purchased the Ocala grand champion, shown here with Bobby Lowery of DeLand, who showed the steer, and M. J. Penum and John B. Williams, the Winn-Dixie buyers.

**BOBBY LOWERY . . . had the grand champion steer at Ocala’s Southeastern Fat Stock Show.**

**CAMILLE JONES . . . of Fort Meade, had the reserve grand champion of the show.**

**WILMA RICHARDSON . . . of Zolfo Springs showed the 4-H champion at Ocala.**

(Continued on page 27)
New Pasture Bulletin

EXPERIMENT STATION Bulletin 484A entitled, "Grass Pastures in Central Florida" by E. M. Hodges, D. W. Jones and W. G. Kirk, was recently published. It is a revision of the bulletin originally printed in 1951. It discusses land clearing and preparation, planting grass, liming and fertilization, various grass varieties as well as management, utilization and maintenance of grass pastures. This is an excellent bulletin and copies of it may be obtained from your County Agent or from the Range Cattle Station.

New Bulletin on Costs of Pasture Establishment

FLORIDA EXPERIMENT Station Bulletin No. 600 entitled "Costs of Clearing Land and Establishing Improved Pastures in Central Florida" by D. L. A. Reuss, University of Florida, Gainesville has just been issued. Per acre costs from 1951-53 varied from $33-$89 in the Pasco County area; $25-$55 in the Indian River-St. Lucie area; and $31-$63 in the Desoto County area. The sites studied in the Pasco County area were moderately stocked with trees and stumps, whereas the sites in other areas were lightly stocked. These costs increased approximately 15 percent from 1952-53 to 1956-57. This bulletin has some very interesting information and can be obtained from Dr. Reuss or from your County Agent.

Value of Feed in Wintering Light Calves

F. M. Peacock gave a very interesting report at the Range Cattle Station Field Day on the effect of four levels of supplementary feed on wintering 400 pound calves on low quality bahia grass pasture. The calves were fed beginning October 23, 1957 for 119 days during the winter.

<table>
<thead>
<tr>
<th>Ration fed daily</th>
<th>Lot 1</th>
<th>Lot 2</th>
<th>Lot 3</th>
<th>Lot 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cottonseed meal</td>
<td>1.13</td>
<td>1.37</td>
<td>1.62</td>
<td>1.85</td>
</tr>
<tr>
<td>Citrus pulp</td>
<td>1.15</td>
<td>2.45</td>
<td>4.80</td>
<td>6.30</td>
</tr>
<tr>
<td>Total feed daily</td>
<td>2.28</td>
<td>3.82</td>
<td>6.42</td>
<td>8.15</td>
</tr>
<tr>
<td>Average Daily Gain</td>
<td>0.06</td>
<td>0.45</td>
<td>0.83</td>
<td>1.11</td>
</tr>
<tr>
<td>Average Initial Wt.</td>
<td>401</td>
<td>380</td>
<td>388</td>
<td>406</td>
</tr>
<tr>
<td>Average Final Wt.</td>
<td>408</td>
<td>434</td>
<td>486</td>
<td>538</td>
</tr>
</tbody>
</table>

This study is a very important one and shows that a 400 pound calf needs about 6 pounds of feed daily in order to gain at least 3/4 of a pound per day (which is what they should gain) during the winter on low quality pasture. Too many of our cattlemen feed these light calves only a pound or two of feed daily and as a result the calves do very poorly and in many cases lose weight during the winter. A 500 pound and particularly a 600 pound calf will do much better than a 400 pound animal on low quality pasture during the winter with two or three pounds of feed. This is because the bigger calf is better equipped to handle pasture than a 400 pound animal. This study emphasizes the importance of feeding 350 to 400 pound calves real well the first winter in order to get them started right. The writer has seen many cattlemen wean calves weighing 350 to 400 pounds and put them out on low quality pasture only, for the winter. These calves start losing weight, condition and many die. Moreover, many of those that live get stunted to the extent that they never do too well later on, when pastures green up. Thus, the cattlemen who wean light calves (350-400 lbs.) during the winter have enough frame to do real well on pasture during the spring and summer.

Any interested in the mimeographed report of the research projects underway at the Range Cattle Station can obtain them by writing to Dr. W. G. Kirk.

Beef Cattle Short Course at the University

It will be held on April 16, 17 and 18 at Gainesville and anyone interested in beef cattle is invited to attend. Twelve out-of-state speakers will be featured at the Short Course.

Field Day at Brooksville Station on March 24

The third annual Field Day will be held beginning at 9:00 a.m. with a tour of the Station and three short talks on cattle production marketing and breeding in the early afternoon. The station is developing herds of Hereford, Angus, Brahman, Santa Gertrudis, and Brangus cattle. It will also give out the results of the bull feeding tests and they will be available for inspection. The field day will be a very worthwhile affair and it is hoped as many cattlemen as can will take it in.

LIVESTOCK NOTEBOOK

by T. J. CUNHA

Head, Department of Animal Husbandry and Nutrition, Florida Agricultural Experiment Station
FCA Finances

DIRECTORS OF Florida Cattlemen's Association (at a special meeting in Kissimmee February 21,) approved in substance a program presented by its Future Financing Committee to provide sufficient finances to properly run the Florida Cattlemen's Association and the beef promotional efforts of Florida Beef Council.

Full details can be secured from your local association president, state director or secretary, and will be published in the April CATTLEMAN. Time factors prevent its inclusion in this issue.

Southeastern

(Continued from page 25)

tral Packing Company of Center Hill, to gross $3195.31 on 10,225 pounds. Eli-
liott Whitehurst of Williston showed Herefords to reserve championship in carlot competition with the car bringing $30.50 per hundred from Swift and Com-
pany of Ocala, for a gross of $3385.50 on 11,100 pounds.

In the purebred shows, the following animals were awarded championships:

Aberdeen - Angus—Grand champion bull: Black Knight 100 of Lusamar, Monarch Ranch, Wildwood; Grand champion female: Lusamar McHenry Blackcap 5, Monarch; Reserve grand champion bull: Black Knight 101 of Lusamar, Monarch; Reserve grand champion female: Lusamar Blackbird 8, Monarch.

Brahman—Grand champion bull: Tha-
hore Imperator 78/1, W. H. Stuart, Bar-
tow; Grand champion female: WHS Lady Esto Imperator 285/1, Stuart; Re-
sure grand champion bull: ADS Kasper de Emperor, A. Duda and Sons, Co-
coa; Reserve grand champion female: ADS Empress de Manso 651/0, Duda.

Charbray—Grand champion bull: Mr.
Pasco 786, K Bar Ranch, Zephyrhills; Grand champion female: Miss Pasco 604, K Bar; Reserve grand champion bull: Mister 710, Bryant Pearce, Quit-
man, Georgia; Reserve grand champion female: Miss Pasco 845, K Bar.

Charolais—Grand champion bull: Humberto PH 80, DS Ranch, Clearwater; Grand champion female: Miss Pasco 704, K Bar; Reserve grand champion bull: Arrogant Man 114, Pearce; Re-
sure grand champion female: Francoise, Otto Weaver, St. Petersburg.

Hereford—Grand champion bull: LL
Larry Domino 81, Double A Ranch, Plant City; Grand champion female: LL
Miss Larry Dom 144, Double L; Re-
sure grand champion bull: DH Zato Real P 237, Dixie Hills Hereford Farms, Fairburn, Georgia; Reserve grand champion female: LL Miss Larry Domino 118, Double L.

Shorthorn—Grand champion bull: Edellyn Emperor, Smith Ranch, Winter

ter Haven; Grand champion female: for March, 1959

Try this Nationally-tested, Nationally successful new drouth-resistant perennial...

SORGHUM GRASS

More and more stockmen agree:

"The most promising new forage crop to reach the U. S. since alfalfa"

Hundreds of grower reports say:

- Nutritious forage—ideal for grazing, hay, ensilage, green chop
- Rich in feed value—up to 14% protein, high Vitamin A, good sugar content
- All livestock like it—highly palatable for cattle, sheep, horses and hogs
- Produces fast beef gains, dairies report increased milk production
- No reports of bloot or prussic acid poison-
ing among thousands of head of livestock in more than 40 states!
- High tonnage production on all types of soil, both irrigated and dry land.

Growers say—"Best forage crop we've ever raised"

From all over the nation have come hundreds of enthusiastic reports. Letters say—
"Everything you said it was", "Just what we've been looking for all our life", "Cattle go for it like kids eat candy", "Beats anything we've ever seen", "Grew 9 feet high on my worst land", "The best pasture I ever tried".

Up to 12 tons of hay, 30 tons ensilage per acre

Grows from 6 to 14 feet tall. Stalks are fine in texture, solid, tender and sweet. Leaves are broad, shiny-green, extremely high in Vitamins. Makes ideal grazing for cows, calves and yearlings. Excellent dairy feed also. Numerous reports of increased milk production. Grows on nearly every type of soil, from clay to blow sand. Many reports of good production where "nothing else would grow."

Find out what it will do on your own farm this year!

Prove it to yourself—test a few acres this year and see what this remarkable forage crop can do for you. Seed costs only $2 to $3 per acre and produces heavy tonnage of palatable, highly nutritious feed. Plant only 1½ to 2 lbs. per acre. Get this pure strain, finest quality, high altitude seed.

Special 5-Acre Test Offer, with Grower's Bulletin, (10 lbs.). Postpd. in U. S. $12.95

Stockman's 12-Acre Grazing Test, with Grower's Bulletin, (25 lbs.) Pp. $29.95

(Prices subject to change without notice)

NEW MEXICO Seed FARMS, Inc.
Penta Pressure Treated
POSTS and BARN POLES
Fence Posts 6-1/2' to 10'—Poles 12' to 25'
Lumber and Timber—All Sizes
U. S. Department of Agriculture estimates the
life of Penta Pressure Treated Posts at
30 YEARS
Write for Our Prices—Truck Delivery

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COLEMAN-EVANS
WOOD PRESERVING
COMPANY
P. O. Box 3646
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PHONES: Elgin 6-6453
Evergreen 7-4383

Plant Located At
WHITEHOUSE, FLORIDA

Over 100,000 of our posts on the new Florida Turnpike.

QUIZ on Livestock Gates

Check the features you need—Green Gates has all.

☐ Light weight—do not sag posts (12'-60 lbs)
☐ Strong welded 1½ OD Steel tubing and fence wire—3' diagonal rod brace
☐ Adjustable hinges—ease in installation
☐ Rust resisting green finish—guaranteed non toxic to animals
☐ Extra Heavy 3/4’ hinge hanger bolts
☐ Prices you can’t duplicate—Highest value for dollar spent
☐ Quick service—these sizes shipped from stock—others available upon request.

THE PRICES ARE RIGHT

Price List Effective Sept. 1, 1957

<table>
<thead>
<tr>
<th>Length (in feet)</th>
<th>Height (in inches)</th>
<th>Weight (lbs)</th>
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<td>4' 3&quot;</td>
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<td>4' 3&quot;</td>
<td>60 lbs</td>
<td>$15.10</td>
</tr>
<tr>
<td>12'</td>
<td>4' 3&quot;</td>
<td>70 lbs</td>
<td>$16.30</td>
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<tr>
<td>16'</td>
<td>4' 3&quot;</td>
<td>80 lbs</td>
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</tr>
<tr>
<td>FOB Leesburg</td>
<td>Other lengths</td>
<td>Available</td>
<td></td>
</tr>
</tbody>
</table>

Silver Lake Estates, Ltd.
PHones STate 7-4165
ROUTE 2, LEESBURG, FLA.

Jacklen White Jilt, Jacklen Farms, Plant City; Reserve grand champion bull; Jacklen Bank Standard 2D, Jacklen; Reserve grand champion female: Brown-Forman Pauline 2nd, Smith.

Detailed results of the show, by breeds, may be found as follows: Angus, page 32; Brahman, page 48; Hereford, page 60; Charolais, page 71; Charbray, page 71; Shorthorn, page 73.

In all, 58 steers were shown in 4-H and FFA competition at Ocala, bringing a gross of $21,240.37 on 50,005 pounds, to average $42.27 per hundred. The average per head was $368.21.

Including the 103 adult entries, in addition to the 57 junior entries, the sale grossed $53,345.01 on a total of 154,967 pounds, for an overall average of $34.42 per hundred, and $331.34 per head.

Largest buyer in the steer sale was Central Packing, which paid $10,262.51 for three carlots and two individuals.

Buyers (all from Ocala unless otherwise noted) were as follows:

A and P Tea Company, Jacksonville; Lykes Brothers, Tampa; J. L. Russell, Gainesville; First National Bank, Plant City; First National Bank, Leesburg; Jackson Grain Company, Tampa; Copeland Sausage Company, Alachua; Clyde J. Key, St. Petersburg; Ocala Rotary Club; Ocala Kiwanis Club; Munroe and Chambliss National Bank; Ray Collen, Alachua; Ocala Lion's Club; Central Florida Loan Service; Dolemito Products, Inc.; Gunner Line Company; Kery's Food Center; Marion Hardware Company; Giant Food Store; Florida Crushed Stone Company; Ocala Pork Supply; H. S. Camp and Sons; Kennedy's Men's Store; Miller's Hi-Life; Commercial Bank and Trust Company; Dr. H. C. Cummings; Laird's Food Store; Red Dawson, Huck Finn; G. T. Garcia; Bohm's Restaurant; Russ's Tractor Company; SMOP and Dick Chassell; Herbert Luffman; Laird Food Store; Wade-Noland Insurance Company; Security Feed and Seed; Pick and Pay Store; Big M Mowing; Norris Cattle Company; Marico Fertilizer; Cash Feed and Seed; Guarantee Clothing Company.

Winners in the fat steer competition, listed in order by classes, with number of entries in parentheses, were as follows:

Mediumweight carlots (1)—Roy Collen, Alachua.

Heavyweight carlots (8)—W. J. Whitehurst and Sons (champion), Archer; Elliott Whitehurst (reserve champion), Williston; W. J. Whitehurst and Sons; Collen.

Open mediumweight carlots (5)—Camille Jones (reserve grand champion), Fort Meade; C. Hopkins, Waynesboro, Georgia; Correne Jones, Fort Meade; Jimmy King, Bainbridge, Georgia.

Open heavyweight carlots (8)—Dixie Hills Hereford Farm (open reserve champion), Fairburn, Georgia; Double L Ranch, Plant City; Larry Gillentine, McMinnville, Tennessee; Henry C. Hopkins, Jr., Waynesboro, Georgia.

4-H lightweights (14)—Arky Rogers, Lake City; Darrell Hallauer, Oxford; Helen Lerner, Micanopy; Barry Carpenter, Ocala; Chipper High, Redlick; Gerald Feaster, Micanopy; David Doger, Alachua; High.

4-H mediumweight carlots (15)—Gene Hooker (4-H reserve champion), Plant City; Sandra Manley; Bowling Green; Gail Gladney, Micanopy; Sandra Gatrell, Fairfield; Paul Dixon, Micanopy; Donna Gatrell, Fairfield; Clyde Hallauer; Oxford; Donna Gatrell.

4-H heavyweights (12)—Wilma Richardson (4-H champion), Zepho Springs; Sandra Gatrell; Judy Bass, Oxford; Barney Beck, Ocala; Jerry Kelly, Tremaine; Jimmy Holben, Lake Wales; Ren Stanclil, Ocala; Merritt Fore, Ocala.

FFA lightweight carlots (12)—George Rice (FFA reserve champion), Plant City; Philip Odom; Live Oak; Russ; Walter Whitaker, Palatka; Wilford Harrison, Ocala; Jerry Fairechild, Alachua; Vance Buchalla, Summerfield; Paul Leslie, Oklahoma; FFA mediumweights (2): Billy Peebles, Silver Springs; Dennis Anderson, Jacksonville.

SCREW WORM ERADICATION will save Florida some $10 million annually, it's estimated.
Swine Breeders Hold Meeting At State Fair

DIRECTORS of the Florida Swine Producers Association met in Tampa on February 10, with much of the discussion centering around the showing of swine at various events in the state.

It was decided that the subject of conflicting show dates should be brought to the attention of the Florida Federation of Fairs. After some discussion, the group also decided to send a list of recommended swine judges to the Florida State Fair at Tampa, the North Florida Fair at Tallahassee and the Interstate Fair at Pensacola.

An invitation for the Florida group to join the National Swine Growers Council was tabled until the definite advantages of membership in the national organization could be brought before the group.

Ken Durrance, assistant animal industrialist with the University of Florida, reminded those present that swine Bang's testing can be done at no charge to the farmer under the present program. He suggested that interested swine men contact him so that he can advise the proper Florida Livestock Board authorities.

George E. Dryden of Marianna, FSPA president, urged directors to make a definite effort to increase the number of barrow entries for future Florida State Fair barrow shows and carcass contests.

After considerable discussion, the subject of 4-H and FFA barrow entries being included in the Florida State Fair was turned over to Durrance for further study.

Brooksville Field Day Is Scheduled

THE THIRD annual West Central Florida Experiment Station Field Day will be held at Brooksville on Tuesday, March 24, according to a report from W. C. Burns, animal husbandman at the station.

The program will begin with registration of visitors at 9:00 a.m., after which a tour of the main station will be conducted. Lunch will be served at noon for $1.00 per plate.

Modern trends in beef cattle production will be the theme of the afternoon program from 1:00 to 2:15 p.m. Dr. R. L. Reddish will speak about changing carcass characteristics to meet modern consumer demand and Dr. C. M. Kincaid will talk about new trends in finishing and marketing cattle, while Dr. Marvin Koger will speak about breeding cattle to meet modern carcass demands and production methods. Inspection of the bulls that have been on the bull feeding test will be the last item on the agenda.
Jim showing the Senior and Grand Champion Female at the recent Greater Jacksonville Fair. She is CAROLAND ERICA EBL 10 and is now out with our cow herd doing her job of producing calves. Bred to HOMEPLACE EILEENMERE 210, our herd sire jointly owned with C. V. Whitney Farms and Stillwater Farm, we look forward to her calving.

Incidentally, her full brother, CAROLAND BANDOLIER LAD 100, was shown in this same show and named Reserve Champion Angus bull. This is quite a tribe.

When you come to the mountains this summer stop at the farm and see our bull calves by the great 210th and by our outstanding sons of Eva's Bandolier Lad.

CAROLAND farms
Landrum, S. C.

Phone: Landrum, Glendale 7-5336, Jim Vogt
Spartanburg, S. C. 3-7775, A. D. Slater

CHAMP ANGUS . . . bull at Tampa was this entry of Gulfstream and El Clair farms, held by Tom Swager.

SINKOLA . . . Plantation showed the grand champion Angus cow at Tampa, shown with David Shepard at the halter.

SINKOLA . . . also showed the reserve champion Angus bull, pictured here with Gov. Webb at the halter.

RESERVE . . . heifer was another Sinkola entry, shown with Raleigh Pickels and Gale East at the halter.

WINNERS IN ANGUS COMPETITION GIVEN FOR OCALA AND TAMPA STOCK SHOWS

IN ABERDEEN-ANGUS showing at the Southeastern Fat Stock Show in Ocala and the Florida State Fair in Tampa, the following winners (which are listed in order by classes with number of entries in parentheses) were selected:

Ocala Aberdeen-Angus
Two-year-old bulls (1) - Black Knight 100 of Lusamar; (grand champion, senior champion), Monarch Ranch, Wilwood; (reserve champion), University of Florida, Gainesville; Black Knight 101 of Lusamar, Monarch.

Senior bull calves (6) - Black Knight 100 of Lusamar; (grand champion, senior champion), Monarch; Gulfstream Eileenmere 79133 (reserve champion), University of Florida, Gainesville; Black Knight 101 of Lusamar, Monarch.

Junior bull calves (6) - Black Knight 100 of Lusamar; (grand champion, senior champion), Monarch; Gulfstream Eileenmere 79133 (reserve champion), University of Florida, Gainesville; Black Knight 101 of Lusamar, Monarch.

Senior heifer calves (6) - Lusamar Princess, Monarch; Lusamar Sally 2, Monarch.

Junior heifer calves (6) - Lusamar Princess, Monarch; Lusamar Sally 2, Monarch.

Junior bull calves (11) - Son of Chief Blackcap, Monarch; Epponian of H 14, Suwannee FFA Chapter, Live Oak; Monarch; Jago 1970 of Sun Lake, Melvin Vernon Jr., Tampa.

Champion Angus bull, pictured here with Jiggs Upshaw.

MONARCH . . . Ranch showed the Ocala grand champion Angus bull, pictured here with Jiggs Upshaw.
Whitneymere 512...

The "512th" is now residing permanently in Florida and appeared in his first Florida show, the 1959 Florida State Fair, which marked the end of his successful show career. He won wide acclaim at Tampa for his thick, heavy quarters and rugged bone, and won the grand championship honors.

HIS SHOW RECORD

1957—First Prize Junior Yearling, Junior Champion and Reserve Grand Champion, Pennsylvania Livestock Exposition.
1957—First Prize Junior Yearling, Reserve Junior Champion, International Livestock Exposition.
1958—Supreme Champion, All-American Angus Futurity.
1959—First Prize Two-Year-Old Bull, Senior Champion and Grand Champion, Florida State Fair.
Husky creep-fed calves on Beverly Hills Plantation average over 500 lbs. when 8 to 9 months old.

Beverly Hills Plantation of Alachua sells crossbred calves averaging 524 pounds

Lindley and Ralph Cellon, Alachua, Florida, who own and operate Beverly Hills Plantation, have been Purina feeders for nearly 10 years. Leaders in the Florida commercial cattle industry for many years, the Cellons practice such progressive trends as creep feeding and winter feeding of cow herds on Purina Range Checkers.

"Everybody thought we were crazy when we started creep feeding," Ralph remembered. "Today I believe creep feeding pays a cattleman his biggest return on investment. Last year our calf crop averaged 524 pounds when sold off the teat at eight to nine months old."

High-quality Hereford, Angus, and Brahman bulls are kept at Beverly Hills for crossbreeding. "We definitely want our calves to have a quarter of Brahman blood," said Ralph. "So we cross English breed bulls on cows of half Brahman-half English blood. Our experience has been that this quarter-Brahman calf grows faster than other crosses we've tried."

Lindley and Ralph Cellon of Beverly Hills Plantation know the true value of the Purina Cattle Feeding Program. A Purina creep ration has helped them top the calf sales year after year. Purina Range Checkers have helped their cows produce a high percentage of husky, vigorous calves. They recorded an 87% calf crop in the severe winter of 1957-58.

Proudly Purina salutes Beverly Hills Plantation as a leader in the Florida commercial cattle industry.

Why not sell heavier, higher-grade calves by feeding the Purina Way? Ask your Purina Dealer to give you more information on Purina's Creep Feeding Program. See him soon at the Store with the Checkerboard Sign.

FEED PURINA... YOU CAN DEPEND ON THE CHECKERBOARD FOR
UPSHAW ... poses Monarch's reserve grand champion Angus heifer at Ocalas Southeastern Fat Stock Show.

Sinkolamere 10, Sinkola; Gulfstream Eileenmere 79130, Gulfstream; M & M Master Bandoliermere 100, M & M; Lookout.

Two-year-old heifers (1)-Blackcap Effie of Sinkola (reserve senior champion), Sinkola;
Senior yearling heifers (3)-Miss Burgess of Sinkola 4 (reserve grand champion, senior champion), Sinkola; Witchcraft of Bolehill, Sinkola; El Clair Blackbird, El Clair;
Junior yearling heifers (6)-Chimera T W 57, Bradmar; Blackcap of Sinkola 6, Sinkola; Blue Bird W 57, Hughes Angus Ranch; Black Princess of 4 D F 4 D Farms; Lusamar E Osanna 2, Lawrence R. Smith, Tampa;

Summer yearling heifers (3)-Barbara Rose of Bolehill 4, Sinkola; Lena 3, Schipper; Wallis Acres Lady Erica, Steven Houk, Arcadia;
Summer yearling heifers (6)-Blackcap of Sinkola (grand champion, junior champion), Sinkola; El Clair Eyvadness, El Clair; Mian B of Gulfstream 6, Gulfstream; Blackbird Lady P S 72, M & M; Baywood Blackbird 8, Baywood Farms, Boulay;

Senior heifer calves (6)-Erica of Sinkola 2 (reserve junior champion), Sinkola; Blackbird Blessing of Sinkola 2, Sinkola; Hughes Quality Blackcap, William Curtis Hughes, Ellenton; Blackcap 3750 of Sun Lake, Hughes Angus Ranch; Wallis Acres Joy 10, Steven Houk;
Senior heifer calves (2)-Favorite 71 of M & M, M & M; Hughes Elba, Hughes Angus Ranch;

Jago 75 of Sun Lake—Son of Jago Eileenmere 104th—Son of Eileenmere 305th
Ankonian 3312th—Son of Homeplace Eileenmere 999-35th.

SPECIAL! Florida State Fair Steer Carcass Contest
Jerry Kelly of Tampa, Grand Champion Carcass heavyweight division. Raymond Tamargo, Jr. of Tampa, Reserve Grand Champion Carcass, lightweight division. James Smith, Jr. of Odessa, Second Place Carcass, heavyweight division.

We're mighty proud of these boys and the awards given to them are representative of the skill and care they gave their steers. All three animals were sired by one of Dundee Ranch's famous herd bulls, Kinlochmere 85th ... proving once again that "Angus Breed Better Beef."

IT PAYS TO KEEP YOUR EYES ON . . .

Certified T.B. and Bang's Tested Herd
ANKONIAN
BARD FA 7

Our Son of the
1953 International
Grand Champion
O. Bardoliermere

It is with a great deal of pleasure that we announce the addition to our herd of the bull battery of Ankonian Bard FA 7, which we purchased as a youngster from Ankony Farms of Rhinebeck, New York. We have been waiting until we had a representative number of calves on the ground by this bull before we made this announcement. His calves are wonderful. Come and see them.

Ankonian Bard FA 7 is a son of the 1953 International Grand Champion and is a big, rugged beefy type bull that we are very proud of.

William D. Richards, Manager

Brucellosis Accredited Herd No. 426
Tuberculosis Accredited Herd No. 35-58

REGISTERED
ABERDEEN-ANGUS
J. M. LEE & SON FARM
Mr. & Mrs. James Lee, Owners
CRESTVIEW FLORIDA

ABERDEEN-ANGUS
AND
POPPLED HEREFORDS
Champneys Ranches
Phone TUcker 6-2281, Apopka, Fla.

Nine Registered Black Angus Bulls
Bandolier and Eileenmere Bloodlines.
Excellent Quality. Ages 3 1/2 to 4 1/2 Years

The Lot—$495.00 Each
See at the Ranch in Lake County
One Mile from Sorrento.
Contact Manager Grady Smith

Rickey & Reed Ranch
Box 54, Sorrento, Florida

COUNCIL
Plans for Contest

Recipes sought;
Dad's day pushed

Florida Beef Council found Tampa Tribune's food editor, Dorothy Casey, highly cooperative when they broached the latest national promotional effort "In the best English tradition, serve roast beef for Christmas."

It was after Christmas, so Dorothy superimposed the words "In the Best English Tradition, Florida Beef" over a photo of horsemen and crossbred cattle on a Florida prairie pasture.

This and other recent Beef Council accomplishments were reviewed by the Council at a Lakeland meeting February 13, where the annual beef recipe contest, culminating in a Beef for Father's Day promotion, were approved.

A special promotion by the Southwest Florida Cattlemen's Associations Council at the Fort Myers fair was reported on. Hot beef products were served each afternoon and evening to all comers, with cattlemen from five counties cooking.

Council members attending the Lakeland meeting were: President Ledley Wear (cattleman), Lakeland; Vice President George Young (market operator), Belle Glade; Brown Austin (banker), Fort Myers; Don Conkey (meat packer), Center Hill; Secretary June Gunn and Treasurer R. Elmo Griffin, Kissimmee; Alto Adams, Jr. (cattleman), Fort Pierce.

Council Receives $1483 in January

Florida Beef Council had $5474.18 in the bank January 1, collected $1483.26 during January, spent only $386.16 during the month, so ended with a balance of $6571.28 as of January 31, of which $1483.32 is earmarked for National Live Stock and Meat Board and $296.64 for National Beef Council.

Expenditures in January were: National Live Stock and Meat Board $71.17, National Beef Council $142.94; Louis Benito Advertising $172.65.

Receipts during January were: L. Maxcy $76.50, Central Packing Company $90, Cecil K. McAtee $5, Henry O. Partin and Sons $31, J. L. Kindred $2, Sarasota Cattle and Commission Sales $54, Okleebee Livestock Market $84, Lisle Brothers $100, Glades Livestock Market $155, Immokalee Ranch $27, John Schmatje $4, Kinston Livestock Market $691, Lisle E. Pritchard $10, Gainesville Livestock Market $186.
A CLEAN SWEEP!
At Ocala's Southeastern Fat Stock Show

Black Knight 100 of Lusamar—Grand Champion at Southeastern Fat Stock Show in Ocala

Black Knight 101 of Lusamar—Reserve Grand Champion at Southeastern Fat Stock Show.

Lusamar McHenry Blackcap 5—Grand Champion Angus Cow at the Southeastern.

Lusamar Blackbird 8—Reserve Grand Champion cow at Southeastern Fat Stock Show.

Although we are relatively new in the purebred Angus business, and especially the show business, we feel that the champions pictured above represent a giant stride toward our goal of "Quality" cattle.

Visitors Are Welcome at all Times at "the Monarch"!

Monarch Grove and Ranch

W. C. Wing, Manager
J. G. Sola, Owner
Jiggs Upshaw, Herdsman
P. O. Box 146, Phone SHadyside 8-5461

WILDWOOD, FLORIDA
RANCH IS LOCATED TWO MILES WEST OF WILDWOOD ON HIGHWAY 44
Fort Myers Scene of Cow Show

Southwest Florida Fair is held

Cattlemen in Southwest Florida had a good chance to see the quality of beef produced right in their own area at the Southwest Florida Fair in Fort Myers February 3-7.

Three breeds were represented in the adult judging at Fort Myers, with a steer show and sale, and junior judging contest for 4-H and FFA members as well. Billy Bass, assistant agricultural agent of Lake County, handled the judging chores.

Although the number of cattle shown was light, the quality of the cattle was very good.

The Aberdeen-Angus breed led the field in number of adult entries with 24, while the Santa Gertrudis were the next with four entries, and the Herefords were represented with three entries.

Bar-T-South of Fort Myers showed the grand champion Angus bull in Bar-T-South Eileenmere 7901, and the grand champion female in Bar-T-South Chalmer Pride G23. Jago 10 of Sun Lake was the reserve grand champion Angus bull, shown by RBK Farms of Fort Myers, and Bar-T-South exhibited the reserve grand champion female in Bar-T-South Frianna.

Due to light entries in the Hereford and Santa Gertrudis divisions, no champions were named.

Plenty of competition was in evidence as the steer show got underway, with Gayle Sutherland of Fort Myers showing her Angus steer to the supreme championship. Ronnie Robinson, an FFA member from Clewiston, exhibited the reserve grand champion steer.

At the steer sale, held Wednesday
BEST BULL . . . in Angus competition at Fort Myers was this Bar-T-South Ranch entry.

RBK FARMS . . . showed the reserve champion Angus bull at Fort Myers, pictured with Jim Hill.

night, February 4, the grand champion sold to the Snack House of Fort Myers for $96.00 per hundredweight. The reserve grand champion steer was purchased by Al's Super Market of Fort Myers with a price tag of $75.00 per hundredweight.

Other buyers in the auction were: Gondola Inn, Fort Myers; Corbin Farm Supply, Fort Myers; Snack House; Dick Fritchett, Fort Myers; Tice Super Market, Fort Myers; Palm City Terrazzo; Palm City; Circle W Meat Company, Fort Myers; J. G. Jefferson, Fort Myers; Circle W. Meat Company, Sarasota Commission Company, Sarasota; Lyon's Fertilizer Company, Tampa.

In 4-H and FFA livestock judging, Hendry County 4-H team took top honors while second place was won by Clewiston FFA, and third place went to Lee County Number 2 team. Others placed in the following order: Glades County Number 1, Fort Myers FFA, Charlotte County 4-H, Lee County Number 2, Highlands County 4-H, Seminole Indians 4-H Number 1, DeSoto County 4-H, Glades County 4-H Number 2, Hardee County 4-H, Collier County 4-H Number 1, Collier County 4-H Number 2, Seminole Indians 4-H Number 2.

In an effort to promote beef in the area, the Southwest Florida Cattlemen's Council had a booth featuring "Eat More Beef" and distributed quite a few recipes and gave cooked beef samples to all comers.

Aberdeen-Angus
Aged bulls (1) - Jago 10 of Sun Lake (reserve grand champion), RBK Farms, Fort Myers; Two year old bulls (3) - Bar-T-South Eileenmere 7901 (grand champion), Bar-T-South, Fort Myers; Gulfstream Eileenmere 7917, Immokalee for March, 1959

Sulmet gives you 3 exclusive advantages
1. Fast, effective blood levels
2. Wider bacterial range
3. Longer, stronger action

✓ Surer, faster action against disease

This all-important combination of essential features cannot be obtained in any other single sulfa.

In tests, Sulmet® established higher blood levels than any other sulfa drugs. This means surer, faster action against a variety of costly diseases. Sulmet goes to work fast and the full strength of the dose gets right into the animal's system for the most effective attack against disease organisms.

The wide range of Sulmet against many strains of staphylococci, streptococci and Gram-negative organisms including Pasteurella sp. gives you added safety, dependability and effectiveness.

In addition, Sulmet is not rapidly excreted—stays in the animal's system for longer, stronger action to do a thorough job.

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Get Sulmet Drinking Water Solution, Oblets® or tablets from your veterinarian, druggist or feed dealer. American Cyanamid Company, Agricultural Division, New York 20, N.Y.

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Florida's Home Of The Bandoliers
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ABERDEEN-ANGUS

featuring a herd of quality females with Mole's Hill Eileenmere 145th as herd sire.

Reynolds Ranch
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Ranch located 3 mi. south of Lake Garfield

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Purebred and Commercial Aberdeen-Angus
R. B. Spires, Owner
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DE FUNIAK SPRINGS, FLORIDA
Ranch Located at Red Bay, Florida

REGISTERED ANGUS

Circle R Ranch
GEORGE D. ROGERS, OWNER
Ph. 170-J
RFD 3, Box 118
LAKE CITY, FLORIDA
Located 7 miles south on US 41

64 REGISTERED ANGUS HEIFERS
These heifers average one and a half years old.
They weigh an average of 600 pounds each.
All are calfhood vaccinated and out of good herds.

For Sale
REGISTERED ANGUS BULL
PRINCE ENVIOUS OF 4DF
Grand Champion FFA Bull
FLORIDA STATE FAIR
Two years old
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4D FARMS
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WAUCHULA, FLORIDA

J. P. RAMSEY
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Micanopy, FLORIDA

ABERDEEN-ANGUS CATTLE
“Quality doesn’t cost . . . it pays”

Sun Lake Ranch
P. O. BOX 37
Lutz, Florida

FOR SALE—One Two-Year-Old Registered Angus Bull
Sired by a Double Grandson of an International Grand Champion

HILDALKE RANCH
Harry J. Boyles
Live Oak, Florida

for Acclimated ANGUS see
Bar-T-South
(Certified Brucellosis-Free Herd No. 42B)
(Accredited Tuberculosis-Free Herd No. 5-58)
Write George (Jock) Sutherland, Manager, Phone WYandotte 5-2613. Ranch located 7 miles north on US 41.

FORT MYERS FLORIDA

REGISTERED ABERDEEN-ANGUS CATTLE

STARDUST RANCH
Henry and Jeanette Chitty
Phone (Gainesville) Franklin 2-1630
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HOLLY HILL ANGUS FARM
B. C. Cook & Sons, Haines City, Florida

“HEADQUARTERS FOR HINDQUARTERS”
VISITORS ALWAYS WELCOME
200 REGISTERED ANGUS
Will Sell on Saturday, May 9 in the

Angus Jubilee Sale
To be held at the Manatee County Livestock Pavilion in Palmetto.

Less Pneumonia This Winter

MILD WEATHER thus far this winter has been reflected in a lack of cases of pneumonia and cattle in better physical condition due to better forage, reports Dr. W. L. Sippel of the Large Animal Diagnostic Laboratory at Kissimmee. This means higher disease resistance and fewer losses, he points out.

Two additional outbreaks of a disease in cattle known as enterotoxemia have occurred. This was originally thought to be a disease of sheep, but is being encountered more and more frequently in calves and feeder cattle in good flesh. Caused by an intestinal bacterium, it is a serious feedlot problem in the West. Sudden death without previous noticeable illness is characteristic.

Several groups of dairy calves have been found to be affected with calf-barn pneumonia. Control is based on breaking continuity of spread from old to young calves and on sanitation. Cases of navel ill in a calf and some pigs were seen, confirming that screwworms aren't the only cause of this condition. Navel should be iodined whenever possible. Suffocation during birth was diagnosed in a calf. With the advent of the calving season, we will probably receive many more of these and other types of troubles in new calves, Sippel predicts.

G'ville Market Founder Dies

J. T. Horney, who started the Gainesville Livestock Market, Florida's oldest, died January 29 at Lakeland.

A land developer during the boom, Horney devoted his attention to establishing livestock auction markets during the 1930's, until ill health forced his retirement in 1940. He started the Gainesville market, Florida's first, in 1935.

He was born in 1888 at High Point, North Carolina, attending Lenoir College and later the University of North Carolina, where he obtained a law degree. He was a land developer in North Carolina and Tennessee before coming to Florida at the outset of the boom in 1921. He subdivided five Lakeland areas between 1921 and 1929.

March 1959
Killing worms in cattle depends on getting a great enough concentration of drench in sufficient quantity into the fourth stomach and intestines. Many scientists believe larger doses of ordinary phenothiazine drench should be given to effectively accomplish this purpose.

Research has proved TENA-BOV produces higher levels of phenothiazine in the digestive tract without increasing the dosage. Actual tests prove TENA-BOV at least 300% more effective than ordinary drenches tested. Why settle for partial results? TENA-BOV gives a mare complete kill to all stomach and intestinal worms.

TENA-BOV produces higher levels of phenothiazine in the digestive tract without increasing the dosage. Actual tests prove TENA-BOV at least 300% more effective than ordinary drenches tested. Why settle for partial results? TENA-BOV gives a mare complete kill to all stomach and intestinal worms.

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FT. HAMER RANCH
Now showing young Registered Aberdeen-Angus Bulls and Heifers. You will do well with these youngsters. Older stock also available.

Bradenton, Fla.
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Sired by Champions, bred to Champions

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ABERDEEN-ANGUS
featuring the services of Bandolier of Anoka 109th, Bandolier of Anoka 70th, Pardido 105th, and Pardido Bardolier 35th.

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Registered Angus
BEL-MAR FARM
A. A. Goolsby, Owner
Phone CHerry 5-3371
SUMMERFIELD, FLORIDA

GUERNSEY . . . champion cow was shown by Schmid and is shown with Les Mathews at the halter.
Hughes Angus are Tops at Manatee & Kissimmee Shows

OUR TRIO OF CHAMPIONS AT KISSIMMEE

We're proud of our show string, particularly Blue Bird W 57, grand champion female at both the Manatee County Fair and the Kissimmee Valley Livestock Show (she was also grand champion at Webster in November); Kinlochian 9872, grand champion bull at Manatee; Kinlochian 2365, grand champion bull at Kissimmee; and Hughes Melody Queen, reserve grand champion female at Kissimmee.

OUR KISSIMMEE CHAMPION BULL FOR SALE...

A golden opportunity to buy a well-bred bull. Kinlochian 2365 was two years old in November. His dam (a Kinloch Ectessa) never produced a calf that sold for less than $3000. A few other choice young bulls for sale including a 20-month-old Jago bull out of a Red Gate Karama cow and two other good bulls nearly two years of age.

Hughes Angus Ranch

Curtis J. Hughes, Owner, Phone Bradenton 6-1266
P. O. Box 218
Ellenton, Florida
Certified Bang's-Free Herd No. 470
LOCATED 31/2 MILES NORTH ON STATE ROAD 683

It pays to buy from Florida's largest Angus herd...

- LARGE SELECTION  - TOP BLOODLINES
- ACCLIMATED CATTLE  - TOP QUALITY

For March, 1959
BRANGUS . . .
will breed better
beef for you!
Stop by our ranch locat-
ed midway between St.
Augustine and Green
Cove Springs to inspect
our herd of recorded
Brangus foundation
cows.

WOLFE ranch
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Don't Miss An Issue!
One Year, $2.00; Two Years,
$3.00; Four Years, $5.00
The Florida Cattleman

BRANGUS
Contact
Eastern State, Brangus Association
KEITH AVERY, ACTING SECRETARY
Plant City, Florida

Angus Directors Meet
A discussion of plans for the Florida Aberdeen-Angus Association's Jubilee
Sale set for Palmetto on May 9 was the major item of business when the direc-
tors of that group met in Tampa on February 9.
Sale consignments, selection of auctioneers and plans for the association
banquet and dance to be held in Bradenton on the evening of May 8 all came in
for their share of discussion.

Directors also approved an advertising budget for 1959 and Walter R.
Williams of Lakeland, association president, appointed Vice President George
Wallis of Arcadia as chairman of the membership committee. Committee mem-
bers include: Jim Farquhar, Fort Lauderdale; P. W. Fulton, Bradenton; Henry
Chitty, Gainesville; Leonard Balaban, Bonifay; and Bill Terry, American Angus
Association southeastern field representative.

Parent; Senior yearling heifers: Corky Gaines; Mastin Overstreet; Ronald Stewart; Bill Parent;
Ronald Stewart; two-year-old cows: Corky Gaines (grand champion);
Registered Guernseys—Aged cows: Corky Gaines;
Grade Guernseys—Junior heifer calves: Bill
Terry; Terry Reagan, two-year-old cows: Bill
Terry;
Grade Jerseys—Junior yearling heifers: Michael
Gaines;
Grade Holsteins—Junior heifer calves: Elaine
Reagan; Robert Campbell, Terry Reagan.

4-H Beef
Angus—Senior heifer calves: Johnny Hamilton;
Junior yearling heifers: Curtis Wayne Hughes (champion);
Senior yearling heifers: Bill Terry.

4-H Fat Steers
Lightweight: Barbara Garland; Ronald Keek;
Terry Reagan; Mediumweight: Jimmy Kilcrease
(reserve champion); Bill Terry; Susan Leschen-
ski; Heavyweight: Paul Leschenski; Curtis Wayne
Hughes.

FFA Fat Steers
Mediumweight: Ray Durance (grand cham-
pion); Buddy Pope; Heavyweight: Bill Richard-
son; Edwin Stewart.

Winners in the open dairy and beef
classes, with number of entries shown in
parentheses, were as follows:

Guernseys
Aged cows (4)—Echo Valley Cutley (grand champion), Walter Schmid and Son, Tallevast;
Larry's Darnella Susan (reserve champion), Hans-
dale Farms, Ołoço; Donegan Farms Masters Car-
reen, Hamsdale; Tulips Klondike Dardenella, Hamsdale;
Senior yearling heifers (2)—Matoaka Royal
Joyce, Schmid; Matoaka Priole, Schmid;
Junior yearling heifers—Terry Matoaka Lucas S
Rosette, Schmid; Sequela Lady Dutchhead, Hans-
dale; Matoaka Lucas Estro, Schmid; Vender H Banice, Hamsdale;
Senior heifer calves (2)—Matoaka Lucas Lady
Freesia, Schmid; Hamsdale Farms Keibogies, Hamsdale;

Blackstrap Molasses
One of the very best pasture supplements
We can supply you with four different grades of USSC's BLACKSTRAP MOLASSES, the "Standard Grade" with a guaranteed
minimum of 79.0° Brix and 6.5% crude protein; the "Heavy Mill-Run Grade" with a guaranteed minimum of 85° Brix and 7% crude
protein; the "Urea Fortified Grade" or the "Phenothiazine in Urea-Mineral-Blackstrap Mix" with a guaranteed minimum of 84°
Brix and 15% crude protein.

You should, also, consider that all four of these grades of blackstrap molasses will give you readily available energy, crude
protein, essential minerals that are known to be deficient in Florida, plus the added advantage that blackstrap molasses is
one of the best appetizers. Researchers have discovered that it is a rumen stimulant causing the cattle to eat more and make
better utilization of available roughage.

We, particularly, call your attention to the fact that it is easy to handle, self-rationing, and that cattlemen in Southern and
Central Florida are in the enviable position of being close to the source of supply which gives them a tremendous price advan-
tage over molasses users in the interior part of the country.

UNITED STATES SUGAR CORPORATION
CLEWISTON
FLORIDA

This document contains information about Brangus cattle and a discussion of plans for the Florida Aberdeen-Angus Association's Jubilee Sale. It also includes a section on Blackstrap Molasses, discussing its use as a pasture supplement. The text is formatted in a typical newspaper style, with headlines, subheadings, and paragraphs. It is a combination of descriptive and informative text, aimed at providing valuable information to readers interested in cattle breeding and nutritional supplements for livestock.
Special Section appearing in the March issues of The Florida Cattleman and International Brahman Review.

Thakore Imperator 78/1, Premier Brahman Bull of Florida for the 1957-58 show season, is still winning in the show ring. During the 1958-59 season, he has been named grand champion at eight major Florida shows. He is owned by W. H. Stuart Ranch, Bartow.
Through the Gateway of Champions...

Thakore Imperator 78/1

GRAND CHAMPION BULL:
- INTERSTATE FAIR Pensacola
- PUTNAM COUNTY FAIR Palatka
- GREATER JACKSONVILLE FAIR Jacksonville
- SUMTER ALL-FLORIDA SHOW Webster
- SOUTHEASTERN FAT STOCK SHOW Ocala
- FLORIDA STATE FAIR Tampa

THE GET OF
Esto Imperator 270

FIRST PLACE GET-OF-SIRE:
- PENSACOLA TALLAHASSEE
- PALATKA JACKSONVILLE
- WEBSTER TAMPA
- WEBSTER Ocala

The Get of Billy's Imperator 5th was second place get-of-sire at most of these shows, placing third at Tampa.

Both these outstanding sires were bred by Stuart Ranch.

We invite your inspection of our herd. Visitors always welcome.

W. H. STUART
Max Hammond, Manager
Certified Brucellosis Free Herd No. 429
BARTOW, FLORIDA

Phone CApital 3-4727
Florida Breeders Are Listed

*marks member of Eastern association

ADAMS, AUTO & SON, Rt. 3, Box 492, Fort Pierce, 16 miles west on Orange Avenue, phone 1872-3-2.

BAR D RANCH, Rt. 1, Box 83, Maitland, ranch located 2 miles east of Me CoY Air Base. T. M. Deal, owner, W. E. Campbell, manager. Phone, Midway 7-3810 and Main 2-9860. Herd now consists of 100 females of breeding age, with Van Dorn Manso 264 and ADS Steers de Imperator serving as herd sires.

BAR 7 RANCH, Kissimmee, ranch located at head of Kissimmee Prairie, phone Tilson 6-2871 or 6-8867, Mrs. Pat Johnston & Son, owners.

BASS, FRANK (see Circle F Ranch)*

BENTLEY BRAHMAN RANCH, INC., Box 137, Lake Alfred, ranch located at Crewsville in Hardee County, Phones Lake Alfred 29-983 or 27-311, J. W. Bentley, manager.*

BEVILLE, C. H. (see Circle H Ranch)*

BIG LIA RANCH, Box 698, Ocala, ranch located two miles east of Ocala. John S. Clark, owner.

BOSTON, G. D., 2222 Garden, Circle South, Deland, ranch located two miles east of U.S. 19 on State Road 584. Mr. and Mrs. A. D. Boyd, owners, Lois Oxnam, manager. Phones 51-3311 or 51-8841. Herd was established in 1963 and now consists of 65 females of breeding age. Herd sires are 2DJ Rex Leroy Manso and ADS Denis Duson.*

CAMPBELL, W. E. (see Bar D Ranch).

CAMP RANCH, INC., Ocala.*

CARLTON, DR. L. F. ESTATE, Citizens Building, Tampa.

CARUSO, MARIO, 215 Pearl Ave., Sarasota.

CARUSO RANCH, Manatee, ranch located six miles east of Oporto, phone Bradenton 3-7409. C & S Laboratories, owner. N. Monaco, manager.

CHAIRES, HAL, Old Town.

CHAIRES RANCH, Bradenton, ranch located nine miles east of Bradenton on Arcadia Road, phone 2-8191 or 4-4443. T. P. Chaires, Jt., owner.*

CHAIRES, TOMMY, 204 Professional Building, Bradenton.*

CHINESEUT HILL SANCTUARY (see West Central Florida Experiment Station).

CIRCLE C RANCH, 672 Orange Ave., Orlando, phone 2-4851. Corrigan, Inc., owner. Lester Bennett, manager. Ranch located on East Cherry highway.*

CIRCLE F RANCH, Rt. 1, Wauchula, Frank Bass, owner. Ranch located two miles West of Wauchula on Highway 64.*

CIRCLE H RANCH, Bushnell, ranch located four miles north on U. S. 301, phone 2801, Herman Beville, owner.*

CIRCLE O RANCH, New Smyrna Beach, ranch located five miles west of New Smyrna Beach on Old Deland Road, phone GArden 8-2802. Eugene O'Reilly, owner. This herd was established in 1947 and contains over 100 females of breeding age.*

CLARDY, JOHN S., (see Big Liar Ranch).

COVAN, MRS. ALLIS N., (see Quarter Circle A Ranch).*

COWARD, ODH, Center Hill.*

CRESCENT F RANCH, Box 187, Wauchula, ranch located two miles east on Old Avon Park Road, phones PROspect 3-6891 or 3-8003, Russell Farmer, owner.

CUMMER COMPANY, THE, Box 4640, Jacksonville.*

DEAL, T. M. (see Bar D Ranch)*

DOUBLE R DIXIE RANCH, Selden Bldg, Daytona Beach, ranches located at Williston and Montbrook, Ray Selden, owner, Merwin Lloy,

(Continued on page 56)

Better Brahmanos!

That's What We Produce.

Time has proven the need for Brahman blood of good quality!

See us for registered Brahman bulls that will make you money . . .

VISITORS ALWAYS WELCOME

L. S. HARRIS RANCH

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HYBRID BRAHMANS • BRANGUS
BEEFMASTER CATTLE
Roping and Riding Horses

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Registered Brahman Cattle

Harvey "Red" Martin, Manager
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Imperator and Manso Breeding—

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Registered Brahman

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BRADENTON FLORIDA

NOB HILL

REGISTERED BRAHMANS

ALSO THOROUGHBRED HORSES

NOB HILL RANCH, Fort Lauderdale, Fla. Ranch located 10 miles west on State Road 64.

Registered Brahman Cattle

J. K. STUART
BARTOW FLORIDA

for March, 1959 45
Brahman Cross Steers Are Better, Says Radebaugh

Careful control of cross breeding helps in economic production of beef

The careful control of the percentage of Brahman blood in relation to blood of English type cattle in the herd, and a severe culling program on replacement heifers, has enabled Cushman Radebaugh & Sons of Fort Pierce, Florida, to wean heavier calves on pasture without the benefit of supplemental feeding, and to get more than 75 percent calf crop from their commercial herd of cattle.

To build this cross breeding program with high quality grade Brahman cattle, on their ranch the Radebaughs started crossing them with English bulls to secure vigor. The replacement heifers kept from this first cross were then bred back to Brahman bulls to build up the percentage of Brahman blood the Radebaugh's consider necessary for the economic production of high grade beef. The program calls for the alternate use of Brahman and English type bulls to maintain approximately 50 percent Brahman and 50 percent English blood in the herds.

"As long as we sell beef by the pound we want to put the pounds there and keep them there, but we also want higher grade cattle. This cross breeding program produces such animals, and that's why we insist on the high percentage of Brahman blood in our herd," said Cushman Radebaugh, Jr., livestock manager of the ranch.

Approximately half of the heifers from each calf crop are kept as possible replacements for the herd. Of the balance, the heavy end of the calf crop is sold at weaning time, or shortly after weaning. All bulls are steered at an early age to reduce the shock of the cutting, allowing calves to grow out better and be smoother at weaning time.

No crossbred bulls are used on the herd. Purebred bulls, both English and Brahman strains, are used in the breeding program, with five bulls put into the pasture for each 100 head of brood cows. Of the English type bulls, the Radebaugh's prefer Hereford or Shorthorn. Most of the Brahman bulls now in use on the Radebaugh Ranch are of Manso or Emperor bloodlines.

Possible replacement heifers and steer calves not sold at weaning time are weaned into a small pasture, where they are fed approximately a pound and a half of mixed feed per day for a period of several weeks to help them over the shock of weaning. Radebaugh says that for the part there is very little "let down" during the weaning period, with most of the calves taking to the feed, and starting to gain soon after weaning.

The supplemental feed consists of a mixture of snap corn, cane molasses, cottonseed or Soya bean meal, citrus pulp and a complete mineral mixed with the feed. A complete mineral is also available to the calves free choice.

Following the weaning period the calves are moved from the weaning pasture to the open range where the only supplement they get is approximately a pound of the feed per day during the winter months only.

In discussing the advantages of the high percentage of Brahman blood in the herd, Radebaugh said the calves and brood cows receive no supplemental feed until the calves are weaned, ranging on 11,000 acres of unimproved pasture—but pasture with a good stand of native grasses. As an example of the weaning weight averages for the cross bred calves, Radebaugh cited the 1958 calf crop, which was divided into four groups, weaning at 625 pounds, 509 pounds, 547 pounds, and 522 pounds average for each group respectively.

The 6400 acres of improved pastures, consisting mostly of Torpedo grass, Pan-pola grass and clover, are used mostly for the replacement heifers and steers held for grass fattening prior to sale for slaughter.

Replacement heifers are culled three times before they are placed in the breeding herd. The first is at weaning time. After weaning and being moved to range pasture, the heifers are carefully culled as yearlings, and again as two-year-olds just prior to being bred to a Brahman or English type bull, depending on the amount of Brahman blood carried by the heifer.

At calving time those cows which do not have calves are cut from the herd and sold for slaughter, as are those producing definitely low grade calves. This strict culling program has contributed to the over 75 percent calf crop for the entire Radebaugh herd.

Radebaugh Ranch is operated by Cushman S. Radebaugh, Sr., an ex-president of the Florida Cattlemen's Association, with two sons, Cushman, Jr., and Neil, and a son-in-law, Hans Gros Klos.

Want to Register?

FFA and 4-H members may register eligible Brahman cattle at membership rates, provided the applications for registration are accompanied by a statement from the county agent or vo-ag instructor that the person for whom the work is being done is an active and bona fide member of the American Brahman Breeders Association.
KEYS RESOTO MANSO 605—“BIG OTTO”—National Grand Champion Brahman Bull at the Imperial National show at Bartow 1958. "Big Otto" has also won the Grand Championship award at many other important shows.

Visit our ranch and select your top herd sire to improve your Brahman cattle. Visitors invited.

CLYDE J. KEYS RANCH

REGISTERED BRAHMAN CATTLE

Phone 7-5119  ●  20 11th Street So.  ●  St. Petersburg, Florida
Stuart, Duda, Keys Were Winners at Ocala, Tampa

Thakore Imperator 78/1, owned and shown by W. H. Stuart Ranch of Bartow, Florida, was named grand champion at both the Southeastern Fat Stock Show at Ocala and at the Florida State Fair at Tampa.

Other champions at Ocala were: W.H. Stuart Ranch, shown by Stuart, grand champion female; ADS Kasper de Emperor, A. Duda & Sons, reserve grand champion bull; ADS Empress de Manso 651/0, Duda, reserve grand champion female.

Stuart showed the first and second place get of sire in the get of Estó Imperator 270 and Billy’s Imperator 5th, respectively.

At Tampa other champions were:
- Keys Resoto Manso Jr., 605, shown by Clyde J. Keys of St. Petersburg, reserve grand champion bull; ADS Empress de Manso 651/0, Duda, grand champion female; Keys Miss Bano Manso 704, Keys, reserve grand champion female.
- The get of Estó Imperator 270, shown by Stuart, was also first place get of sire at the State Fair.

Winners, listed by class with number of entries in parentheses, were as follows:

**Tampa**
- Aged bulls (2) - Thakore Imperator 78/1 (grand champion, senior champion), W. H. Stuart Ranch, Bartow; ADS Kasper de Emperor, A. Duda and Sons, Cocoa.
- Two-year-old bulls (3) - Keys Resoto Manso Jr. 605, reserve grand champion, Holland; J.T.G. Ulrich Manso, Keys; W.H. Stuart Ranch, Bartow; Keys Miss Resoto Manso 704, Duda.
- Senior yearling heifers (9) - W.H. Stuart Ranch 340/1 (junior champion bull), Stuart; Keys Bano Manso 755, Keys; ADS Hampton de Imperator, Duda; Whs Duval Imperator 309/1, Stuart; Summer yearling heifers (2) - Whs Cornelius 268/1, Stuart; Sir Adirond Imperator 41, Stuart; Junior yearling heifers (9) - Wts Estó 340/1 (junior champion bull), Stuart; Keys Bano Manso 755, Keys; ADS Hampton de Imperator, Duda; Whs Duval Imperator 309/1, Stuart; Summer yearling heifers (2) - Whs Abco 438/1, Stuart; Champ, G. T. Stack and Sons, Tampa; Senior bull calves (2) - Trini George, Stack; W.H. Stuart Ranch 447/1, Stuart; Junior bull calves (6) - Ads Speer Manso (reserve junior champion), Duda; ADS Ulrich Duson, Duda; Oscar, Stack; Keys Resoto Manso Jr. 816, Keys.
- Summer bull calves (1) - Keys Bano Manso Jr. 829, Keys.
- Aged cows (1) - Polk’s Lady Manso 439, Keys.
- Two bulls (5) - Stuart, Duda, Stuart, Duda.
- Two-year-old heifers (7) - ADS Empress de Manso 651/0 (grand champion, senior champion), Duda; Wts Lady Esto Imperator 206/1, Stuart; WHs Miss Estó 202/1, Stuart; Keys Miss Resoto Manso 620, Keys.
- Senior yearling heifers (1) - Keys Miss Bano Manso 704 (reserve grand champion, reserve senior champion), Keys.
- Junior yearling heifers (4) - Keys Miss Manso Manso 707 (reserve junior champion), Keys; ADS Empress de Manso 975/0, Duda; Wts Lady Ulfils 312/1, Stuart; W.H. Stuart Ranch 317/1, Stuart.
- Summer yearling heifers (4) - Ads Queen de Manso 983/0 (junior champion), Duda; WHs Miss Res 459/1, Stuart; Wts Lady Esto Imperator 444/1, Stuart; Keys Miss Resoto Manso 758, Keys.
- Junior heifer calves (8) - Wts Cornelia Imperator 457/1, Stuart; Wts Lady Esto Imperator 457/1, Stuart; Keys Miss Bano Manso 823, Keys; ADS Duson’s Lady Alma, Duda.
- Summer heifer calves (2) - Wts Lady Esto Imperator, Stuart; Wts Lady Ulfils, Stuart.
- Two females (5) - Stuart, Duda, Keys; Pair of yearlings (5) - Stuart, Duda, Keys.
- Pair of calves (5) - Stuart, Duda, Stack; Produce of dam (3) - Duda, Keys; Jerry.
- Get of sire (5) - get of Estó Imperator 270, Stuart; get of JTG Resoto Manso Jr. 134, Keys; get of Billy’s Imperator 5th, Stuart.

**Ocala**
- Aged bulls (2) - Thakore Imperator 78/1 (grand champion), W. H. Stuart, Bartow; ADS Kasper de Emperor (reserve grand champion), A. Duda and Sons, Cocoa.
- Two-year-old bulls (5) - Keys Resoto Manso Jr. 605, Clyde J. Keys, St. Petersburg; ADS Amón de Emperor, Duda; Whs Esto Imperator 122/1, Stuart.
- Senior yearling heifers (2) - WHs Cornelius 268/1, Stuart; SR Adirond Imperator 41, Stuart; Junior yearling heifers (6) - WHs Estó 340/1, Stuart; ADS Hampton de Imperator, Duda; Keys Bano Manso 700, Keys; Whs Duval Imperator 309/1, Stuart; ADS Bevan de Manso, Duda; Keys Bano Manso 707, Keys.
- Summer yearling heifers (1) - WHs Abco 438/1, Stuart.
- Senior bull calves (1) - Wts Cornelius Imperator 477/1, Stuart.
- Junior bull calves (3) - Ads Speer Manso, Duda; Ads Ulrich Manso, Duda; Keys Resoto Manso Jr. 816, Keys.
- Summer bull calves (1) - Keys Bano Manso Jr. 829, Keys.
- Two bulls (5) - Stuart, Duda, Stuart, Keys.
- Aged female (1) - Polk’s Lady Manso 439, Keys.
- Two-year-old heifers (7) - WHs Lady Esto Imperator 206/1 (grand champion, senior champion), Stuart; ADS Empress de Manso 651/0 (reserve grand champion, senior champion), Duda; WHs Queen de Manso 804/0, Duda; Keys Miss Resoto Manso 620, Keys; WHs Esto Imperator 292/1, Keys; Miss Dusty Manso 617; Keys Miss Resoto Manso 620.
- Junior yearling heifers (5) - Keys Miss Manso Manso 704, Keys.
- Junior yearling heifers (5) - Ads Empress de Manso 975/0, Duda; WHs Cornelia Imperator 317/1, Stuart; WHs Lady Ulfils 312/1, Stuart; ADS Queen de Manso 557/0, Duda; Keys Miss Bano Manso 707, Keys.
- Summer yearling heifers (4) - WHs Miss Rex 439/1, Stuart; WHs Lady Abco 444/1, Stuart; ADS Queen de Manso 926/1, Duda; Keys Miss Resoto Manso 758, Keys.
- Junior heifer calves (5) - WHs Cornelia Imperator 457/1, Stuart; Keys Miss Bano Manso 823, Keys; ADS Duson’s lady Alma, Duda; WHs Lady Esto Imperator 597/1, Stuart; DC Duson’s Miss Rosa, Duda.
- Summer heifer calves (2) - WHs Lady Esto Imperator 602/1, Stuart; WHs Lady Ulfils 603/1, Stuart.
- Two females (5) - Stuart, Duda, Duda, Keys.
- Pair of yearlings (5) - Stuart, Duda, Keys.
- Pair of calves (4) - Duda, Keys; Stuart, Duda.
- Produce of dam (2) - Duda, Keys.
- Get of sire (5) - get of Estó Imperator 270, Stuart; get of JTG Resoto Manso Jr. 134, Keys; get of Billy’s Imperator 5th, Stuart.

**RESERVE CHAMPION**
- bull at Florida State Fair was owned by Clyde J. Keys, held by Ray Turner.

**KEYS**
- also had reserve champion cow at Tampa, shown here with Mrs. Mickey Kinsey and Mrs. Ray Turner.

**DUDA**
- showed the grand champion cow at Tampa, reserve champion at Ocala, held by Holley.

**STUART**
- showed the grand champion bull at Ocala and Tampa, shown here with Lowell Holley.

**RESERVE CHAMPION**
- bull at Florida State Fair was owned by Clyde J. Keys, held by Ray Turner.
Dr. W. G. Kirk
Recalls Old Show Circuit

by Dr. W. G. KIRK
Range Cattle Experiment Station
Ona, Florida

My introduction to Brahman cattle was in 1936 with cows and heifers sired by Brahman bulls and out of Florida native cows. These animals were wild and difficult to pen and each monthly weigh day became a private rodeo. Much of the wildness in these animals was due to the method of handling the herd. Sometimes the cow won—but more often an experienced cowboy was the victor! My second experience, coming soon after and representing the opposite extreme, was on a ranch where the Brahmans were so tame they were the favorite pets of the household.

This difference in temperament was to be seen in Brahman cattle brought into the show ring. Well-trained Brahmans were stylish and made a good impression on the spectators but other animals refused to leave the stall or came into the ring on the run with danger of injury to attendants and other animals. Untrained animals frequently had to be judged in stall or pen, always to their disadvantage, docility being the first requirement of a show animal.

Another feature of the early shows was the great variation in type, color and quality of Brahmans exhibited. Frequently there would be almost as much difference between the Brahmans in a class as would be expected with several distinct breeds. This is understandable when it is remembered that the early importations to America consisted of several distinct types which had been developed for various purposes in India. Beef-type Brahmans, with the majority being steel gray in color, have become the accepted standard for show purposes.

All this has changed for the better and judging of Brahman cattle proceeds with as much decorum and more style than with other breeds. It is a memorable sight to see a large class of free moving, stylish, well-fitted Brahmans of any class brought into the ring and put through their paces at the nod of the judge or wish of the attendants. It is even more impressive when the cattle of a group class such as “get of sire” fill most of the available space in the ring and exhibit in response to the demand of the cowmen a tractability undreamed of 20 years ago.

Brahman cattle in America are judged as beef producing animals. The breed, however, has certain special characteristics such as hardiness, crossing value, activity and resistance to heat and insects that are essential and should be retained.

(Continued on page 52)
Dr. Cunha Outlines Many Experiments on Brahman

A series of experiments involving Brahman and/or Brahman crossbred cattle is now underway at University of Florida-operated experiment stations at Gainesville, Ona, Belle Glade and Brooksville, the latter a USDA Station operated cooperatively with the University of Florida, according to a report by Dr. T. J. Cunha, head of the Department of Animal Husbandry and Nutrition.

At the Main Station in Gainesville one of the main experiments consists of devising pasture programs and breeding systems for beef production on flatwood soils of Central Florida, and will compare the breeding of British bulls on grade Brahman cattle with a rotational cross-breeding by two British bulls, Hereford and Angus, and the rotational cross-breeding by a Brahman bull one generation and a British bull the next.

All three breeding programs will start with grade Brahman cattle. Steers from the groups will be fed on pasture and in the feed lot and detailed carcass and meat data will be obtained.

In another experiment Angus, Hereford and Brahman cattle are being compared under similar conditions and the following data being obtained: periodic weights of cows and calves, birth and weaning weights of calves, type scores, condition scores and market grade of all cattle and calves at weaning time and once a year thereafter, feedlot performance and carcass data as well as data on breeding performance.

Perhaps one of the most important of the experiments now in progress is the attempt to determine the physiological and biochemical basis of hybrid vigor in beef cattle being conducted by Doctors Marvin Koger, A. C. Warnick, T. J. Cunha of the Main Station, and Dr. W. G. Kirk of the Ona Range Cattle Station. The experiment includes studies of Brahman, British and Brahman-British crossbred cattle in the attempt to find the cause for increased growth potential observed in the crossbreds.

Palmer, Koger and Kirk are also engaged in an experiment which will compare the carcass characteristics of purebred Brahman, purebred British breeds and their crosses to determine the slaughter, carcass and tenderness characteristics from the purebred strains and the various combinations of the two lines of breeding.

A project to determine the relative productivity of cows with different proportions of British and Brahman blood when run under pasture conditions designed to supply low, medium and good...
In Cattle
Underway in Florida

nutritional levels is now under way at Ona, under the direction of Kirk, Koger, Palmer, Dr. E. M. Hodges and D. W. Jones.

In each level of nutrition purebred Brahmans, purebred Shorthorns, 3/4 Brahman-1/4 Shorthorn, 1/2 Brahman-1/2 Shorthorn and 1/4 Brahman-3/4 Shorthorn are being tested. Offspring from these various crosses are also being studied in feedlot tests and carcasses studied.

The scope of the work at Brooksville is broadened to study the selection of cattle for beef production in Southeastern United States, and is being conducted by W. C. Burns, director of the station, assisted by Koger, Warnick, Palmer and Kirk.

In this study five breeds of cattle are being used and compared. They are Brahman, Brangus, Santa Gertrudis, Hereford and Angus. The project is designed to study the reproductive efficiency and meat qualities of different breeds of cattle under Southeastern conditions and to test various breeding systems and to determine if combining ability can be increased by cross progeny testing. Offspring of the cattle under test are being studied in dry-lot feeding tests and carcass studies being made.

New Lepto Test Looks Promising

The University of Florida department of veterinary science is developing a test which may turn out to be the first simple, highly accurate method of diagnosing leptospirosis.

According to Dr. F. H. White, assistant bacteriologist with the Experiment Station, methods currently used to diagnose the disease are time consuming, and not always accurate. The new procedure still has to be proven, says White, but it is expected to be determined within the next year.

White says the materials needed to conduct a test by the new method are relatively inexpensive.

Engineers at Purdue University report that power steering would seem to mean more to tractor drivers than to drivers of automobiles. They have found that power steering on tractors reduces driver effort from a third to a fourth of the 25 to 50 pounds required for manual operation.

for March, 1959
Emperor of India Was Early Stuart Ranch Sire

The expression, common among cattlemen, "the bull is half the herd," recognizes the important role played by good bulls in herd improvement. Many outstanding Brahman bulls have contributed to the growth of the American Brahman breed in Florida, which, in turn, has helped make it possible for Florida to become one of the nation's leading cattle producing states.

Among these bulls was Emperor of India, purchased from Sartwelle Ranch, Houston, Texas, by Stuart Brothers Ranch of Bartow in 1945. Emperor of India was the son of Imperator, an outstanding bull imported from Brazil by the Sartwelles. The ability of Emperor of India to sire outstanding calves, transmitting to them smoothness, easy fleshing ability and growthiness was recognized by the Stuarts, who featured his breeding ability extensively in their herd. But the real impact of Emperor of India is evident now in his many descendants who are making outstanding records in the show ring and in the production and progeny testing programs established on the W. H. Stuart Ranch.

Esto Imperator 570, out of a daughter of Emperor of India, and with Imperator breeding on the sire's side, sired the first place get-of-sire at the Southeastern Fat Stock Show, Ocala, Florida, and at the Florida State Fair, Tampa, for 1959. His calves are setting outstanding weight gain records in the production testing program at the ranch.

Another grandson of Emperor of India, Billy's Imperator 5th, sired the second place get-of-sire at Ocala, and the third place get at Tampa.

Among the get of Billy's Imperator 5th is Thakore Imperator 78/1, grand champion Brahman bull at the Interstate Fair, Pensacola, Florida; Putnam County Fair, Palatka, Florida; Jacksonville Fair, Jacksonville, Florida; All-Florida Breeders' Show, Webster, Florida; Southeastern Fat Stock Show, Ocala, Florida; and Florida State Fair, Tampa, Florida. Thakore's dam, Miss Texindia, was a granddaughter of Emperor of India.

Thakore Imperator 78/1 is not only outstanding in the show ring, but was among the top animals in weaning weight when placed on the production testing program, and was the top bull in the weight gain test among the 1956 calves tested.

Good bulls can produce outstanding records for a herd, but the other half of the herd is the brood cows. In the production testing program at W. H. Stuart Ranch, many of the daughters and granddaughters of Emperor of India consistently produce calves that are in the top weight gaining classes.

Stuart Ranch has sold some of the top sons and grandsons of Emperor of India to Florida breeders for the improvement of herds, and many of his descendants have been sold to South American breeders who desire the smoothness and easy fleshing ability of this bull. Emperor of India died in 1950 at 18 years of age, but the impact of this bull is still being felt by many breeders of Florida and South America in his descendants now producing top beef animals.

Dr. W. G. Kirk

(Continued from page 49)

The judge should always keep these factors in mind although they may not be directly observable in an individual as it is brought into the ring. Patterning Brahman cattle after other beef breeds is not the best way to use them in an overall beef production plan for the United States.

The Standard of Excellence for Brahman cattle describes the breeders' ideal. This Standard is high but with each succeeding year more animals approach the given specifications of form, quality, fleshing, weight for age, disposition and other points. Continued selection has resulted in steady improvement of Brahman cattle throughout the country. The interesting variety and the unscheduled excitement of the early Brahman shows are gone, but in their place are the uniform classes of tractable and well-fitted beef animals which indicate the quality and value of the present day Brahman breed.

Meat Consumption Cut in Argentina

A recent Foreign Agricultural Service report says Argentina has decreed that meat consumption must be cut 30 percent from the level of July 1958. Not only must all slaughtering houses and meat packing companies comply with the decree, but all restaurants, hotels, and other establishments serving food are forbidden to serve meat on Mondays and Fridays. The report says that while it is too early to gauge the effect of this action, it is fairly certain that more cattle will be slaughtered in Argentina for export this year than has been previously expected.
Boot Ranch Purchases Texas Heifers

The purchase of 10 outstanding Brahman heifers from the J. T. Garrett Ranch of Dansbury, Texas, has been announced by A. D. Boyd, owner of Boot Ranch near Oldsmar, Florida.

Boyd, who is basing his herd improvement program on selective purchase of breeding stock, as well as a carefully controlled breeding program, says that he inspected the dam of every one of the heifers purchased from the Texas ranch prior to the purchase. Most of the newly acquired animals, which arrived at their new home last month, are sired by Marshall de Manso 770/6 and most of them have Manso on the dam’s side.

ADS Denis Duson, purchased from A. Duda and Sons of Cocoa, Florida during the International Cattlemen’s Sale at Bartow last March, heads the Boyd herd.

Unique problems in pasture irrigation have been solved by Boyd through the construction of roads throughout the ranch which double as dikes and dams for the control of water. Boot Ranch is located at the southern tip of Lake Tarpon, which contains too much salt water to be used for pasture irrigation. Boyd planned an extensive seepage irrigation system on his 1200 acres of improved Pensacola Bahia, Pangola, and White Dutch Clover pastures, based on water supply from several deep wells drilled on the ranch.

When the wells were drilled it was discovered that the water contained over 1000 parts of salt per million gallons, too much salt to be used for irrigation. Not to be stymied in his efforts to improve the pastures, Boyd and his woman manager, Lois Oxnam, devised the system of roads, built higher than the surrounding land to act as dikes, along with a series of bridges, culverts and adjoining dikes and dams to control the surface water on the ranch.

We’re Proud of our current calf crop the get of TEMUCO de MANSO
Stop by to see them

In March, 1959

Registered Brahman Bulls for Sale

We’ll be glad to show you the 20-odd registered bulls we now have available—some of them now ready for service, several which will be ready for service within the near future. These bulls were bred and raised for commercial cattle operations.

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CLEWISTON  
FLORIDA

EBA Built Brahman Confidence

FORTY-TWO BRAHMAN breeders of Florida gathered in Arcadia on July 21, 1944 for the purpose of pooling their strength in the promotion of the American Brahman breed of cattle. Out of this meeting came the Florida Brahman Breeders Association, chartered by the State of Florida December 28, 1944, the forerunner of Eastern Brahman Association.

A veteran Brahman breeder, Henry O. Partin of Kissimmee, who later became president of American Brahman Breeders Association, was elected president of the new organization. T. J. Durrance of Brighton was elected vice president and G. W. “Buck” Mann, Bartow, treasurer.

Al Cody, publisher of THE FLORIDA CATTLEMAN magazine, was appointed secretary by the board of directors which included O. L. Partin, Kissimmee, J. K. Stuart, Bartow, Milton R. Thomas, Myakka City, R. G. Herrmann, Ocala, T. J. Durrance, Jr., Brighton, Joe B. Hendry, La Belle, I. A. Krusen, Zephyrhills, M. C. Peters, Winter Haven, and M. Jay Flipse, Miami.

Eastern Brahman Association which is actively affiliated with American Brahman Breeders Association does not act as a registry association but expends all its efforts in the promotion of the breed, attempting to develop all markets for Brahman cattle, both in the continental United States and in foreign lands.

A project which fostered better relationship between the breeders of American Brahman cattle in the United States and the cattlemen of South America was the donation of a top quality bull, purchased from L. S. Harris, to the Ecuador Cattlemen’s Association by Eastern Brahman Association. The bull was used as first prize in the Ecuador National Livestock Show in October.

During the showing of Florida Previews, an exhibit of industrial Florida shown in the Coliseum, New York City, two Brahms were chosen to represent the livestock industry of the state since Brahman is the predominant breed. A bull and a heifer, owned by W. H. Stuart Ranch, Bartow, were displayed and were a part of the central theme of the entire exhibit. Lowell Holley, herdsman for Stuart ranch, who accompanied the two animals to New York, reported much interest in Brahmans by visitors.

A project, considered of major importance to members of EBA is the sponsorship of Brahman hybrid steer calves for 4-H and FFA members.

Eastern Brahman Association is actively engaged in many promotional projects and is constantly in search of more and better ways of proving to the world that Brahman Cattle will produce more beef in less time and at less cost.
Good Brahman cattle on lush Florida Pastures

Your Guarantee...

of quality and fair treatment in the purchase of registered Brahman cattle is embodied in the emblem at left. Breeder Members of Eastern Brahman Association are pledged to observe recognized standards of fair dealing; They have banded themselves together in cooperation with the American Brahman Breeders' Association to assure that the breed continues to move forward. Keep this list for handy reference and watch for the EBA "hallmark of quality.

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Clewiston, Fla.

To Brahman Breeders

Eastern Brahman Association is not a registry organization, expending all efforts in the promotion of the American Brahman breed of cattle—the breed vital to the livestock industry of Florida and the Gulf Coast regions of the United States, as well as to South America and other parts of the world.

The combined efforts of ALL Brahman breeders in a stronger breed organization will benefit ALL breeders of Brahman cattle. The association needs YOU and YOU need the association.

For further information, contact Kelly Lyons, Secretary, Eastern Brahman Association, Livestock Exchange Building, Kissimmee, Florida.
Directory
(Continued from page 45)

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PARTIN, HENRY H., St. Cloud.
PARTIN, OSCAR L., Kissimmee.
PARTIN, HENRY O. & SONS (see Heart Bar Ranch).
PARTIN, R. EARL, Kissimmee.
PURCELL'S RANCH, Orlando, ranch located nine miles east on Corry Road, phone 2-3261, B. E. Purcell, owner.
QUARTER CIRCLE A RANCH, Parrish, phone BSECTION 2-6001, Mrs. Allie N. Colvin, owner.
RANGE CATTLE EXPERIMENT STATION, Okeechobee, phone 3-6205.

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**SUGARLAND RANCH** (see U. S. Sugar Corporation)
SWANSON, DR. LEONARD E., 1325 N. W. 14th Ave., Gainesville.

**TAMPA RANCH**
416 Tampa St., Tampa, ranch located north of Avon Park and south of US 98.

**TWO MOON RANCH**
Lake Wales, ranch located west of Lake Wales on Route 19, William R. Boyd, owner and manager.

**STACK, G. T.** (see Tampa Ranch)

**STEFAN, FRITZ AND J. R., Chosen.

**SUGARLAND RANCH** (see U.S. Sugar Corporation)
SWANSON, DR. LEONARD E., 1325 N. W. 14th Ave., Gainesville.

**TAMPA RANCH**
416 Tampa St., Tampa, ranch located north of Avon Park and south of US 98.

**TUCKER, GILBERT A., Cocoa.**
TUCKER, RAYMON F. (see Haw Creek Ranch)

**UNIVERSITY OF FLORIDA, Experiment Station, Dr. T. J. Cumha, Gainesville.**

**WEST CENTRAL FLORIDA EXPERIMENT STATION, Brooksville, ranch located five miles west of Okeechobee on Secondary Road 708, W. T. Sisler, owner.

**OXLEY FARMS, RFD 1, Brooksville, ranch located two miles south on Mitchell Road, phone 3477, W. E. Oxley, owner.**

**PARTIN, R. EARL, Kissimmee.**

**PURCELL'S RANCH,** Orlando, ranch located nine miles east on Corry Road, phone 2-3261, B. E. Purcell, owner.

**QUARTER CIRCLE A RANCH,** Parrish, phone BSECTION 2-6001, Mrs. Allie N. Colvin, owner.

**RANGE CATTLE EXPERIMENT STATION,** Okeechobee, phone 3-6205.

**SUGARLAND RANCH** (see U. S. Sugar Corporation)

**SWANSON, DR. LEONARD E., 1325 N. W. 14th Ave., Gainesville.**

**TAMPA RANCH**
416 Tampa St., Tampa, ranch located north of Avon Park and south of US 98.

**TUCKER, GILBERT A., Cocoa.**

**TUCKER, RAYMON F.** (see Haw Creek Ranch)

**UNIVERSITY OF FLORIDA, Experiment Station, Dr. T. J. Cumha, Gainesville.**

**WEST CENTRAL FLORIDA EXPERIMENT STATION, Brooksville, ranch located five miles west of Okeechobee on Secondary Road 708, W. T. Sisler, owner.

**OXLEY FARMS, RFD 1, Brooksville, ranch located two miles south on Mitchell Road, phone 3477, W. E. Oxley, owner.**

**PARTIN, ED L., Kissimmee.**

**PARTIN, HENRY H., St. Cloud.**

**PARTIN, OSCAR L., Kissimmee.**

**PARTIN, HENRY O. & SONS (see Heart Bar Ranch).**

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**OXLEY FARMS, RFD 1, Brooksville, ranch located two miles south on Mitchell Road, phone 3477, W. E. Oxley, owner.**
TOP QUALITY BRAHMANS

Henry O. Partin & Sons
HEART BAR RANCH

Visitors Are Always Welcome!
There Is No Substitute for Brahmans to Produce Top-Quality Hybrid Cattle!

Kissimmee
Florida
Phone TI Iden 5-5603

Not Showing at Present
But Still Producing

Yearling bulls, a few heifers, high grade commercial cattle of all ages for sale.

We have never lost faith in Brahmans—and know they are necessary for Florida conditions.

PREPARING FOR THE FUTURE:
Gerry, Jr. and Randy Stack show their Brahman cattle at the Florida State Fair, preparing for a future in the Brahman industry. Through careful selection of breeding stock, such as these calves shown here, the Brahman breed is improved, and the youth training and showing them are learning by doing.

We specialize in selected beef type, halter broken, gentle Brahman cattle. You are invited to visit us and see our cows and bulls that produce the good cattle we are talking about. We believe beef qualities, size, weight for age and gentleness are important for the buyer. If you have one or 1000 acres, now is the time to start a small Brahman herd or improve the herd you have.

We have breeding stock of all ages available. We invite your inquiries—See us for Brahman cattle.

HEADQUARTERS FOR REGISTERED BRAHMANS

G.T. Stack
Livestock Management, Sales & Service
RANCH located at 22nd Street Causeway at 71st Street
CABLE: “STACK” • 416 TAMPA ST. • TAMPA, FLORIDA
At these major livestock shows, Duda Brahmans also won the following:

Tallahassee: Junior champion bull; Reserve junior champion female; and ten first in class blue ribbons.

Palatka: Reserve grand champion bull; Junior champion bull; Junior champion female; and seven first in class blue ribbons.

Webster: Junior champion bull; reserve junior champion female; and six first in class blue ribbons.

Jacksonville: Reserve junior champion female; and five first in class blue ribbons.

Ocala: Five first in class blue ribbons.

Tampa: Reserve junior champion bull; Junior champion female; and three first in class blue ribbons.

You are cordially invited to visit our ranch to inspect Duda Brahmans.

A. Duda & Sons
registered Brahman cattle
COCOA, FLORIDA
Phone NEwtom 6-3966
R. D. KEENE . . . poses with a registered Polled Hereford bull he purchased at Santa Fe River Ranch at private treaty for use with his Polled Hereford female herd.

**Midyette Bull Is Tested**

THE UNIVERSITY of Florida has leased MHF Domino Mixer 7th, young Polled Hereford bull owned by Midyette Hereford Farm at Tallahassee, for use on purebred herds at both the University of Florida in Gainesville and at the Brooksville station, according to a report from Payne Midyette, Jr.

Midyette has been following a production testing program since 1955 and says that the bull is one of the most outstanding animals produced on the farm.

"He was calved February 25, 1958 and has an overall weight per day of age of 2.6 pounds, which projected to 12 months would be 950 pounds," Midyette said. He was sired by MHF Larry Domino 3rd, who is a son of CMR Larry Domino 95th, and out of C Rollo Mishief 2d, who is the daughter of CMR Rollo Domino 13th.

**Lamb Crop Up**

THE SPRING lamb crop in New Zealand is estimated at 31 million head, about three million more than the previous record crop in 1957. (In New Zealand, spring is from October through December.) The report says that there were not only more ewes this year, but the lambing percentage of more than 100 was the highest ever recorded. It is expected that the current big lamb crop in New Zealand will permit exports of about 16 million carcasses, compared with 15 million exported in 1958.

OUR FARM population has declined from a high of 32.5 million in 1916 to about 20 million in 1957.

---

**HSF SILVER V DOMINO**

We are very proud of HSF Silver V Domino—our Grand Champion Bull at the 1959 Florida State Fair. He is a large beefy-type bull with plenty of bone and a pedigree that's hard to beat. We think so much of this bull that we plan to retain him as a herd sire to replace our famed HSF Beau Victor 15".

Other Sires in Service

**BEAU VICTOR DOMINO**
Sire of HSF Silver V Domino. Used jointly with Circle R Ranch, Social Circle, Georgia.

**ONONDAGA VICTOR 8"**
Weighed 1200 pounds at 14 months of age without a nurse cow. He is a smooth bull with plenty of bone and a heavy hind quarter.

**HSF PRINCE VICTOR 66"**
A top son of HSF Beau Victor 15" with extra straight legs, good bone and hind quarters. He is a bull well worth keeping your eye on.

---

**HOLLY SPRING FARMS**

John Fuller    Konrad Purdy
COVINGTON, GEORGIA

Polled Hereford Breeders in the Southeast Are Invited to Visit Holly Springs When Next in Georgia
9 Bulls To Tifton March 11

We invite you to inspect our consignment of nine Polled Hereford bulls to the Sale of Performance Tested Bulls at Tifton, Georgia, March 11. All our bulls have been calfhood vaccinated and T.B. tested. These animals were on test for 112 days and had average gains of 2.73 pounds per day. One weighed 980 pounds at 12 months of age and another weighed 1130 pounds at 14 months of age. Bulls of similar breeding which we sold and are now on test at Brooksville, Florida weighed 937 pounds at 365 days of age and 964 pounds at 385 days of age.

Our cow herd was selected for good milk production and we have never had a dwarf calf.

R. W. Jones, Jr. 
LESLIE GEORGIA

REGISTERED POLLED HEREFORDS
Billy H Ranch
Earl Higginbotham, Phones PA 2-2141, 2-1633
SANFORD, FLORIDA
See Our Stres.
Both Sons of RCR Advanced Larry

Registered Herefords
J. L. BROWN
Phone SYcamore 3-3014
Webster, Florida

HEREFORDS
The bloodlines of champions
CONNELL STOCK FARM
Phones: Office PA 6-4041, Res. PA 6-4432
INVERNESS FLORIDA

HEREFORDS
Featuring the services of JF ZATO HEIR 2
CL ZENTO RUPERT 36
TH ZATO HEIR 467
W. G. HULL
Phone 7251, Box 37, PAHOKEE, FLA.

Santa Fe River Ranch 
ALACHUA, FLORIDA

Pollard Herefords With the "Southern Accent"
SIREs NOW IN SERVICE:
CMR Super Rollo 12th
CMR Mischief Domino 96th
CEK Royal Domino
CMR Larryfeer 2nd
CMR Super Rollo 28th
SFR Larry Mischief

Mr. and Mrs. A. D. Davis, Owners.
Bill Smith, Manager
FD CALIBRINE, Show Herd
H. F. McWilliams. Breeding Herd Phone: HHoward 2-2453

HOLLY SPRING ... Farms had the grand champion Hereford bull at Tampa, shown here with Konrad Purdy.

FLORIDA STATE FAir TAMPa

JO-SU-LI FARMS ... showed this heifer to the State Fair grand championship. She's held by L. C. Green.

RESERVE FEMALE ... at the State Fair in Hereford showing was shown by Circle A Ranch, Bruce Purdy at halter.

RESERVE BULL ... at Tampa was another Jo-Su-Li entry, also pictured with Green at the halter.

Winners in Hereford Competition
Given for Winter Stock Shows

In Hereford showing at the Southeastern Fat Stock Show in Ocala and the Florida State Fair in Tampa, the following winners (which are listed in order by classes with number of entries in parentheses) were selected:

Ocala Herefords
Senior yearling bulls (1)-DH Zato Real P 297 (reserve grand champion), Dixie Hills Hereford Farms, Fairburn, Georgia; Junior yearling bulls (1) - LL Larry Domino 81 (grand champion), Double L Ranch, Plant City; Summer yearling bulls (2) - LL Larry Domino 82, Double L; LL Larry Domino 83, Double L; Senior bull calves (1) - DH Zato Real P 377, Dixie Hills;

Winter bull calves (2) - JF Zato Heir 342, R. W. Shuman, Plant City; Creek Colorado Mischief 2nd, The Creek Farm, Ft. Meade;

Junior bull calves (4) - SHF Domino Supreme, Shuman; DH Zato Real P 339, Dixie Hills; SHF Larry's Lad, Shuman; DH Colorado Zato 385, Dixie Hills;

Spring bull calves (5) - LL Larry Domino 109, Double L; Creek Husker Mischief 7, Creek Farm; DH Zato Cruiser 389, Dixie Hills; BBF Zato Heir 125, Double L; HD Colorado Zato 91, Dixie Hills;

Three bulls (3) - Double L; Dixie Hills; Shuman;

Two bulls (4) - Double L; Dixie Hills; Shuman;

Creek Farm;

Senior yearling heifers (2) - DH Zato Anx. Lady 280, Dixie Hills; Shuman's Proud Mixer, Shuman;

Summer yearling heifers (2) - LL Miss Larry Domino 118 (reserve grand champion), Double L; LL Miss Larry Dom, 122, Double L;

Senior heifer calves (1) - DH Zatoette 42, Dixie Hills;

Winter heifer calves (1) - LL Miss Larry Dom. 131, Double L;

Junior heifer calves (4) - LL Miss Larry Domino 133, Double L; DH Zato Adv. Lady 360, Dixie Hills; DH Zato Lass 370, Dixie Hills; SHF Miss Mischief, Shuman;

Spring heifer calves (2) - LL Miss Larry Dom. 144 (grand champion), Double L; 4H Mischief Margaret, Vernon Cross, Jr., Bushnell;

Four females (4) - Double L; Double L; Dixie Hills; Dixie Hills;

Get of sire (4) - get of VH Larry Domino 11th, Double L; get of VH Larry Domino 11th, Double L;

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Winter bull calves (2) - JF Zato Heir 342, R. W. Shuman, Plant City; Creek Colorado Mischief 2nd, The Creek Farm, Ft. Meade;

Junior bull calves (4) - SHF Domino Supreme, Shuman; DH Zato Real P 339, Dixie Hills; SHF Larry's Lad, Shuman; DH Colorado Zato 385, Dixie Hills;

Spring bull calves (5) - LL Larry Domino 109, Double L; Creek Husker Mischief 7, Creek Farm; DH Zato Cruiser 389, Dixie Hills; BBF Zato Heir 125, Double L; HD Colorado Zato 91, Dixie Hills;

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Two bulls (4) - Double L; Dixie Hills; Shuman;

Creek Farm;

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Spring bull calves (5) - LL Larry Domino 109, Double L; Creek Husker Mischief 7, Creek Farm; DH Zato Cruiser 389, Dixie Hills; BBF Zato Heir 125, Double L; HD Colorado Zato 91, Dixie Hills;

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Four females (4) - Double L; Double L; Dixie Hills; Dixie Hills;

Get of sire (4) - get of VH Larry Domino 11th, Double L; get of VH Larry Domino 11th, Double L;
FLORIDA HEREFORD ASS‘N

Spring Show & Sale
Selling
50 Head
Both Bulls and Females, Also Horned and Polled
Quincy, Florida
Starting promptly at 1:00 p.m. in the Quincy Livestock Pavilion.
Wed., March 4th

Program of events
- Judging of all animals will begin at 9:00 a.m., March 4th.
- Sale of both bulls and females will begin promptly at 1:15 p.m., March 4th.
- Annual Association meeting, Wednesday, March 4, 7:30 p.m.

Consignors

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<tr>
<th>Consignor</th>
<th>Bull</th>
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<td>Edgar Austin</td>
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<td>Bar-Bet Farms</td>
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<td>Geo. Brown, Jr.</td>
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<td>Calloway Hereford Farms</td>
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For information about this sale, contact F. A. Cockrill, President
Florida Hereford Association, McIntosh, Florida
We invite you to see our consignment of four polled Hereford heifers and one bull to the Florida Hereford Association Sale in Quincy, March 4. The heifers are all sired by our senior herd sire HSF Beau Prince. Three of these quality females are bred to our junior herd sire, Mischief Domino 2 (pictured above).

CIRCLE Z RANCH
Floral City George A. Zellner, Owner Florida

King Hereford Sex:
Are you interested in producing cattle that have size, conformation, and inherited breeding qualities? Then see the very best in our clean pedigreed HORNED Herefords. Make it a point to call or visit with us soon.

RESERVE COW... in the Ocala Hereford competition was another Langford entry, shown with L. T. Langford and Grant Hutto.

L: get of CH Zato Heir 10, Dixie Hills; get of DHF Larry Domino 100th, Shuman.

Tampa Herefords
Senior yearling bulls (2)-DH Zato Real P 237, Dixie Hills Hereford Farms, Fairburn, Georgia; Caw Caw R Zato 76, Caw Caw Plantation, Orangeburg, South Carolina; Junior yearling bulls (5)-HSF Silver V Domino (grand champion), Holly Spring Farms, Covington, Georgia; LL Larry Domino 81, Double L Ranch, Plant City; RH Victor Mischief, Windsweep Farm, Thomson, Georgia; SFR Super Rollo 60, Florida Association of FFA, Lake Butler; Summer yearling bulls (5)-LL Larry Domino 89, Double L; Caw Caw R Zato 763, Caw Caw; LL Larry Domino 93, Double L; Caw Caw R Zato 773, Caw Caw; SHF Proud Larry, George Culverhouse, Jr., Fort Pierce; Senior bull calves (5)-CA Victor Anxiety 34, Circle A Ranch, Sanderzville, Georgia; HSF Bonny Domino, Holly Spring; CHF Zato Tone, Callaway Hereford Farms, Hamiltron, Georgia; HSF Prince Victor 70, Holly Spring; DH Zato Heir P 537, Dixie Hills.

Winter bull calves (4)-Windsweep Victor 101, Windsweep; CHF Aster Return 1, Callaway; J.F. Zato Heir 342, Shumann's Hereford Farm, Plant City; Caw Caw Zato Heir 829, Caw Caw; Junior bull calves (10)-MF Zato Heir (reserve champion), Jo-Su-Li Farms, Colquitt, Georgia; CHF Real Silver 3, Callaway; CA Silver Mischief 10, Circle A; HSF Super Victor 6, Holly Spring; Windsweep Victor 104, Windsweep; Spring bull calves (6)-CHF Anxiety Return, Callaway; Windsweep Victor 106, Windsweep; Creek Hocker Mischief 7, The Creek Farm, Fort Meade; DH Zato Cruiser 389, Dixie Hills; LL Larry Domino 100, Double L; Senior bull calves (7)-Callaway; Holly Spring; Windsweep; Dixie Hills; Caw Caw; Two bulls (7)-Callaway; Circle A; Windsweep; Holly Spring; Dixie Hills; Senior yearling heifers (3)-WS Miss Victor 8, Windsweep; CH Lady Anxiety 21, Circle A; Caw Caw Heifer 603, Caw Caw; Junior yearling heifers (6)-Caw Caw B Heifer 32, Caw Caw; DH Zato Anx. Lady 200, Dixie Hills; Shumann's Proud Mixed; Shumann; SFR Sire Lady 80, Lake Butler FFA, Lake Butler; Princess Madam, Austin Ranch, Plant City; Junior yearling heifers (3)-LL Miss L. Dom. 122, Double L; LL Miss L. Dom. 118, Double L; Caw Caw R. Heifer 774, Caw Caw; Senior heifer calves (5)-Windsweep Venus 1, Windsweep; Caw Caw Z Heifer 805, Caw Caw; DH Zatoette 42, Dixie Hills; Winter heifer calves (2)-LL Miss L. Dom. 131, Double L; RH Miss Domestic Mischief, Windsweep; Junior heifer calves (10)-JF Zato Heifer 389.
We Had the Most of the Best!

Grand Champion Female
Reserve Champion Bull

1959 FLORIDA STATE FAIR

JF ZATO HEIR—Reserve Grand Champion bull at Florida State Fair, Tampa

JF ZATO HEIRESS 389—Grand Champion female at Florida State Fair, Tampa

We were extremely proud of our show string at the Florida State Fair, where with only two head, we were able to win one grand championship and one reserve grand championship.

This did not happen by accident. Only through years of selective breeding were we able to accomplish this feat. We have been breeding better Herefords since 1941 and believe we can take the Guess-Work out of your cattle selection problems too.

Range Bulls

Although demands have been heavy, we still have a good selection of service age bulls for sale. Come on up and look around or give us a call in the near future.

Activity Day

We would like to extend an invitation to all breeders and club boys and girls to attend our Activity Day, May 9. There will be a steer sale, pasture tour, speakers, and other things of interest. If you are interested in good cattle and breed improvement—make plans now to attend.

Farm located 15 Miles east of Colquitt, Junctions of Highways 91 and 253

Clarence Cross, Owner
Ralph Thompson, Manager

PHONE 3637
Gain-Tested Hereford Bulls
Add Lbs. and $ to Your Calf Crop

We have been production testing our bulls since 1955 at Midyette Hereford Farm with excellent results. Bulls on our 140-day feed test have averaged a daily gain of just under three pounds. We're also proud to announce that the University of Florida has just leased our MHF Domino Mixer for use on the purebred herds at both the University and the Brooksville station. He was calved February 7th for use on the purebred herds at both the University and the Brooksville station. He was calved February 7th for use on the purebred herds at both the University and the Brooksville station. He was calved February 7th for use on the purebred herds at both the University and the Brooksville station.

NOW OFFERING 18 BULLS FOR SALE
These are registered Polled Hereford bulls ranging from 12 months to two years old.

ALSO OFFERING 37 HEIFERS FOR SALE
15 of this group are registered Herefords and the balance are top quality purebred Herefords, but unregistered.

Midyette Hereford Farm
Phone 3-2761 (night) or 2-3456 (day)
P. O. Box 749, Tallahassee, Florida

Central Florida Has Election Meet

MEMBERS of the Central Florida Cattlemen's Association recently elected Al Smith of Orlando as their new president, George Terry, Jr., of Orlando and A. C. Lockwood of Umatilla as vice presidents, and Al Cribbetti of Orlando as secretary-treasurer.

State directors for the new year are Don Rybolt of Bithlo and R. W. Maxwell of Umatilla, while local directors include Zera Giles of Leesburg, Ed Yates of Taft, George Terry, Sr., of Orlando, and Dick Whittington of Mount Dora.

ELECTION OF SUMTER CATTLEMEN ELECT OFFICERS

Election of new officers highlighted a recent meeting of the Sumter County Cattlemen's Association, with Billy Nichols being named president, Wayne Valentine, vice president, and O. M. Maines, Jr., secretary.

Donald A. George was elected treasurer, while W. C. Wing was named to serve as state director. Local directors include Bob McElyea, D. C. Beville, A. W. Lee, Jr., C. O. Beville, Aubrey Caruthers, and Perry Bingham.

Members agreed that the dues year should start as of January 1 and that membership fees will be $5.00 plus two cents per head on all cattle on the farm as of January 1.

Diet Helps Weight

Many Americans are overweight, and authorities in the field of weight reduction report that a well-planned, adequate diet is the best means of reducing excess weight, the National Live Stock and Meat Board points out.

A high protein, moderate fat, low carbohydrate type of diet has been found extremely effective. This type of diet which includes generous amounts of meat is highly satisfying. The overweight person finds it easier to follow a diet of this type and he is less likely to be tired and to over-eat between meals.
CHAMPIONS CONSISTENTLY!

Domestic Victor

Retired to Herd Bull Battery After Winning at the 1958 Southeastern Fair, Atlanta; Georgia State Fair, Macon; North Florida Fair, Tallahassee.

RIDA Reserve Champion at 1959 Florida State Fair. A Daughter of One of Our Junior Herd Sires CA Beau Prince

Miss Silver Mischief 10

Visit our 100% Clean Pedigreed herd on your return home

CIRCLE A RANCH

Located on State Highway 15, between Sparta and Sandersville at Warthen

Mr. and Mrs. J. C. Archer, Owners
Phone 2291 Sandersville

Bruce Purdy, Mgr.
Phone Sandersville 3762
P. O. Worthen, Ga.

Jim Van Meter, Show Herd
Amos Swafford Herdsman

Sandersville, Georgia
Hereford Show, Sale to Be Held May 4 at Quincy

The Florida Hereford Association will hold its Spring Show and Sale at Quincy on Wednesday March 4, reports F. A. Cockrill, president of the organization. President Cockrill reports that over 50 animals are expected to enter the show and sale. According to the president, all animals that show must sell and all animals entered in the sale are required to show. This requirement was decided upon by the directors in an effort to increase the number of show animals and at the same time assure higher quality.

The association will hold its annual meeting and election of officers Wednesday evening March 4, at 7:30 p.m. At the last directors meeting it was decided that the election of officers would be held in some suitable place in Quincy, but at press time no more details were available.

The judging will start promptly at 9:00 a.m. on the morning of March 4, with Dr. J. P. Hentges of the University of Florida making the selections. The sale will get underway at 1:15 p.m. on March 4, after the conclusion of the morning judging. A. W. “Ham” Hamilton of Lewisburg, West Virginia, will cry the sale, while Ray Brockinton of Macon, Georgia will assist.

Quality entries are being stressed in the auction, according to Cockrill. Many of the bulls will be of service age, and some are definitely herd sire prospects.

The female offering includes both bred and open females—with the service of outstanding Hereford sires, both horned and polled.

A fair sized segment of the offering will come from Florida breeders, but many of the animals will be consigned from honorary members of the association in Georgia and South Carolina.

Florida CATTLE are worth more than 15 times as much today as they were 25 years ago, says USDA.
AG FAIR... at Gainesville uses this insignia to show importance of agriculture in a space-minded world.

UF Students Slate Their Ag Fair

NEW FRONTIERS in the food industry (contrasted to the new frontiers in space) will be the theme for the University of Florida's All-Florida Agricultural Fair, slated March 20-21.

For the first time, groups outside the University are being asked to participate. For example, the Florida Beef Council is paying part of the cost of bringing a meat display to the Fair from the National Live Stock and Meat Board in Chicago.

T. C. Ewing, University student who is chairman of the Fair Promotion Committee, reports that "Dr. T. J. Cunha, head of the Animal Husbandry and Nutrition Department, and one of the more enthusiastic supporters of the fair has appointed six professors to work with Dr. A. C. Warnick in presenting research material from the University's beef research unit, purebred beef unit, swine unit, sheep unit, nutrition unit and physiology unit. An elaborate presentation of material concerning livestock nutrition, meats and livestock by products is planned by the Block and Bridle Club, which is advised by Don Wakeman. (A talking steer reportedly will emcee the display!)

Admission is free and non-students are particularly invited to take in the enlarged 1959 fair, says Ewing.

Pilot Forests Set

Pilot forests will be established in 12 Florida counties in conjunction with the Southern Pulpwood Conservation Association's 1959 Pulp and Paper Day Program.

T. G. Herndon, forester with the Florida Agricultural Extension Service, reports that Alachua, Baker, Calhoun, Duval, Jackson, Orange, Putnam, Santa Rosa, Suwannee, Volusia, Wakulla, and Walton counties are among the 100 counties selected in 12 southern states for demonstration sites.

The pilot forest demonstrations will be opened to the public and formally dedicated on April 14, when the South observes its second annual Pulp and Paper Day.

Phone for FREE Demonstration or contact

MEINCKE SPREADER WORKS, INC.
MANUFACTURERS
Dept. A—ASTATULA, FLORIDA PHONE: TAV. DIAMOND 3-7601

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For the freshest, greenest, sweetest-smelling grass silage you've ever had, see your dealer now and order STAFRESH. Just one 80-lb. bag treats 10 tons of silage. Another reliable product of General Chemical Division, Allied Chemical Corporation.

STA-FRESH® Keeps Grass Silage Green, Fresh, Sweet-Smelling
Bull Testing Talked at SG Meet

The bull feeding trials being conducted at the West Central Florida Experiment Station at Brooksville and the possibility of keeping young bulls on the test for a long period of time with the possibility of selling them at auction was the major subject of discussion during a meeting of directors of the Florida Santa Gertrudis Association held at the Tampa Terrance.

Also present was R. P. Marshall, executive secretary of Santa Gertrudis Breeders International, who aided the group in their discussion of an association folder that is being prepared for distribution in the near future.

J. Arthur Pancost of Uleta, president of the group, presided at the meeting and reminded directors that the association annual midsummer field day is slated to be held at Palmer Ranch in Sarasota on June 6.

Bull Demand Is Strong
At Ocala All-Breed Sale

Top 25% Averaged $725
Top 50% Averaged $642

DEMAND was extra strong at the Ocala Graded Bull Sale, January 20, when 69 bulls averaged $542 for a total gross of $37,470. This sale, sponsored by the Marion County Cattlemen’s Association, averaged $141 more than last year’s sale.

Top-selling bull was Prince of Red Gate 118, an Angus which was consigned by H. E. Cullison, Jr., of Ocala. The bull was rated “B” and sold to Coral Farms of Flora Home for the price tag of $900.

Panuleta Farms of Uleta received the second highest price for their Santa Gertrudis bull which sold for $790 to Four A Ranch of Okeechobee.

Two Charbray bulls ranked third and fourth and sold to Camp Ranch, Inc. of Ocala for the price of $750 each. They were consigned by John H. Phipps of Tallahassee.

The highest price for a Hereford—$725—went to Dr. E. G. Baumgardner of Columbus, South Carolina, when his entry sold to L. S. Remsburg of Ft. Lauderdale.

Two Brahman consigned by the West Central Florida Experiment Station at Brooksville brought top prices for the breed when they sold to Leon Moss of West Palm Beach for $530 each.

The top Shorthorn price was $750, paid to Howard J. Simpson of Mt. Dora, by D. L. Pearce of Okeechobee.

39 Herefords averaged $488; 12 Angus $625; 5 Santa Gertrudis $644; 4 Charbray $721; 3 Brahman $520; 6 Shorthorns $535.

One “A” bull averaged $720; 28 “B” bulls averaged $629; 40 “C” bulls averaged $476.

Consignors, with number of head sold, and buyers, with number of head bought and total money spent, by breeds were as follows:

Herefords

Consignors—E. G. Baumgardner, Columbus, South Carolina (12); A. S. Garber, Ocala (3); Houston Hereford Farm, Perry, Georgia (8); Josu-Lita Farms, Colquitt, Georgia (6); Cock-N-Walk Ranch, McIntosh (7); West Central Florida Experiment Station, Brooksville (1); William H. Jernigan (1).

Buyers—Four A Ranch, Okeechobee (1) $750; D. L. Pearce (16) $7415; L. S. Remsburg, Ft. Lauderdale (4) $2520; Flying G Ranch, Okeechobee (2) $1160; Hooser Bell Ranch, Dunnellon (1) $360; Brown Ray, Citra (1) $308; P. H. Bess, Vero Beach (1) $300; Beverly Hills Plantation (1) $140; M. F. Sanders, Ocala (1) $1660; Crosby and Son, Citra (1) $420; Ernest Coburn, Okeechobee (1) $480; W. Cates, Sparr (1) $1600; D Dot Ranch, Jacksonville (1) $510; Wilma Dalley, Ocala (1) $550; R. E. Word, Oxford (1) $440; Mills Auction Market, Ocala (1) $400; Charles Hicks, Waldo (1) $450.

Angus

Consignors—T. W. Baker, Geneva (1); University of Florida, Gainesville (1); L. F. Tomlinson (1); M. S. R. Ranch, Loxahatchee (2); West Central Florida Experiment Station, Brooksville (4); Dr. E. H. Lenholt, Daytona Beach (2); H. E. Cullison, Jr., Ocala (1).

Buyers—D. L. Pearce, Okeechobee (4) $2340; E. P. Coburn, Crystal River (1) $310; Coral Farms, Palatka (3) $2710; H. W. Southard, Ocala (1) $900; E. J. Benjamin, Ocala (1) $750; W. T. McCoullon, Brantstown (1) $750; L. Sheffield, Floral City (1) $550.

Santa Gertrudis

Consignors—Gulf States Farms, Fort Myers (2); Panuleta Farms, Uleta (1); West Central Florida Experiment Station, Brooksville (2); Buyers—Leon Moss, West Palm Beach (3) $2000; R. C. Howard, Ocala (1) $410; Four A Ranch, Okeechobee (1) $790.

Consignors—John H. Phipps, Tallahassee (2); Buyers—Crosby & Son, Citra (1) $650; Camp Ranch, Inc., Ocala (1) $2255.

Brahmans

Consignors—West Central Florida Experiment Station, Brooksville (2); Raymond F. Tucker, Bunnell (1); Buyers—Leon Moss, West Palm Beach (3) $1600; J. Henry Cason, Inverness (1) $500.

Shorthorns

Consignors—Howard J. Simpson, Mount Dora (2); Paul Ragans, Madison (3); H. S. Massey, Dale City (1).

Buyers—T. M. Howerton, Madison (1) $650; D. L. Pearlce, Okeechobee (1) $750; C. Garst, Brandon (1) $620; L. E. Coningham, Lantana (1) $470; J. E. Pellicer, Bunnell (1) $360; Glenn Slaughter, Wauchula (1) $500.

Ashbourne Buys Cows

Paul Knobles, Jr., manager of Ashbourne Ranch at Delray Beach, reports the purchase of 13 Brahman cows, three calves and five yearling heifers from Nob Hill Ranch, near Davie. All will be crossbred with Shorthorn bulls.
Again!  A CHAMPIONSHIP RECORD!

HERNANDO II—Grand Champion, 1959 Kissimmee Valley Livestock Show.

PRINCESA—Grand Champion, 1959 Florida State Fair; Grand Champion, Kissimmee Valley Livestock Show.

Here's Our Record at Kissimmee and Tampa Shows

**FLORIDA STATE FAIR**
Tampa, February 9-14

- Grand Champion Female
- Reserve Grand Champion Female
- Senior Champion Female
- Junior Champion Female
- Reserve Junior Champion Bull
- Eight First Places
- Five Second Places
- Six Third Places

**KISSIMMEE VALLEY LIVESTOCK SHOW**
Kissimmee, February 18-22

- Grand Champion Bull
- Grand Champion Female
- Reserve Grand Champion Bull
- Reserve Grand Champion Female
- Senior Champion Bull
- Senior Champion Female
- Junior Champion Bull
- Reserve Senior Champion Bull
- Reserve Senior Champion Female
- Eight First Places
- Seven Second Places
- Seven Third Places

Certified and Accredited Santa Gertrudis

Palmer Ranch, Sarasota, Florida

P. O. Box 1480
Phone Ringling 6-1106 or 7-3430

CHARTER MEMBER: SANTA GERTRUDIS BREEDERS INTERNATIONAL AND FLORIDA SANTA GERTRUDIS ASSOCIATION
Mr. Commercial Cattleman:

ARE YOU CROSS BREEDING?
IF YOU ARE NOT SATISFIED
TRY A SANTA GERTRUDIS BULL

He won’t cost you a lot and you will get big red calves.

SEE—

C. C. PETERS
RANCHO GRAN TOROS
Route 1
Lake Wales, Florida

LOCATED THREE MILES WEST OF KISSIMMEE RIVER BRIDGE ON STATE ROAD NUMBER 60

IS SANTA GERTRUDIS
certified and accredited
S. E. THATCHER, Owner
L. P. Keene, Manager
3002 NE 1st Court, Miami, Florida
Ranch located at Picnic, 18 miles South of Plant City on State Road 39.
Charter Member of International and Florida Santa Gertrudis Associations.

SG CHAMPION...bull at Tampa was this Panuleta Farms entry, shown with Charles Wolf, herdsman.

W. W. LEAVINE...had the reserve SG bull at Tampa, pictured here with Leonard Godwin, herdsman.

FLORIDA STATE FAIR

Winner in Santa Gertrudis Show
At Florida State Fair Are Listed

Dr. Marvin Koger, professor of animal husbandry at the University of Florida, will judge Santa Gertrudis entries at the Houston Fat Stock Show. The Texas event is slated for February 25-March 8.

SG CHAMPION...bull at Tampa was this Panuleta Farms entry, shown with Charles Wolf, herdsman.

PALMER RANCH...showed the grand champion female, pictured here with Robert Coker at the halter.

Harley Watson
Arcadia, Florida

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Santa Gertrudis
S. E. THATCHER, Owner
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He won’t cost you a lot and you will get big red calves.

SEE—

C. C. PETERS
RANCHO GRAN TOROS
Route 1
Lake Wales, Florida

LOCATED THREE MILES WEST OF KISSIMMEE RIVER BRIDGE ON STATE ROAD NUMBER 60
Announcing Our

NINTH ANNUAL SALE
SANTA GERTRUDIS BULLS
KING RANCH QUARTER HORSES
APRIL 9, 1959
KING RANCH
KINGSVILLE, TEXAS

Make your plans now to be with us

“The Fountainhead Sources of the Santa Gertrudis Breed and a Superior Family of Quarter Horses”
RESERVE GRAND CHAMPION
1959 FLORIDA STATE FAIR

VELBERTAN'S DUKE

Our Show Record At The Florida State Fair

Reserve Grand Champion Bull
Junior Champion Bull
First Place Get-of-Sire
First place Junior bull calf
First place Junior heifer calf

First place pair of calves
Second place Junior yearling bull
Second place summer yearling bull
Second place senior heifer calf
Second place produce of dam

We were highly pleased with our cattle in their first showing, especially in the strong competition offered at the Florida State Fair. We have hopes of producing even better cattle in the future.

Our entire breeding program is based on producing top-quality cattle for the show ring as well as the range. We keep only outstanding individuals produced from our carefully selected herd . . . always looking into the future.

Velbertan Lake Ranch
Leonard Godwin, Herdsman
MR. AND MRS. W. W. LEAVINE
Box 178, Odessa, Florida

RANCH LOCATED ON BOY SCOUT ROAD, THREE MILES FROM THE ODESSA POST OFFICE

Humphrey Hired By Palmer Ranch For Herd Work

PALMER RANCH of Sarasota has employed Jack Humphrey as a genetics specialist for their Santa Gertrudis breeding operation, according to a report from Charles Dempsey, Palmer manager.

Humphrey assumed his new duties on January 1, coming from Bard Ranches in Arizona where he spent 12 years primarily engaged in the development of Barzona cattle. Barzonas are a stabilized combination of five beef breeds developed specifically for the Bard Ranches environment.

During the first three years of Santa Gertrudis Breeders International’s existence, he served as a member of the breed improvement committee. He has a long record of experience in genetic work with dogs and horses, in addition to cattle, having spent 10 years in Switzerland from 1925 to 1935 studying mental and behavior traits in dogs and several years with the U.S. Remount Service.

K-Bar Has Four Ocala Champions

IN THE showing of Charolais and Charbray at the Southeastern Fat Stock Show

CHARBRAY ... champion bull at Ocala was a K-Bar Ranch entry.

K-BAR RANCH ... also showed the grand champion Charbray heifer.

for March, 1959

He Topped Them All at Tampa!

Spit Ball, Jr.

Grand Champion Santa Gertrudis Bull 1959 Florida State Fair

Spit Ball, Jr., is a good son of Spit Ball, the well-known Panuleta bull that compiled a long string of grand championships during his days in the show ring.

Visit us soon to see our excellent fall calf crop!

PANULETA FARMS at
ARThUR PANCOAST, Owner, Miami Phone Wilson 7-4662
CHARLES WOLF, Herdsman, Delray Beach Ph. Crestwood 6-5760
Office located 10 mi. north of Miami, 2 mi. west of U.S. 1 at 751 N.E. 168 St., Uleta Ranch located west of Delray Beach, 1 mi. South, on Military Trail
CHARTER MEMBER: SANTA GERTRUDIS BREEDERS INT’L; FLORIDA SANTA GERTRUDIS ASSOCIATION

Santa Gertrudis Cattle
SINCE 1941

LITTLE EVERGLADES RANCH
W. M. LARK, DADE CITY, FLORIDA

Buy SANTA GERTRUDIS CATTLE from Members of Florida Santa Gertrudis Association
Harold McLeod, Secretary
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SEND THE CATTLEMAN AS A GIFT!
One Year $2; Two Years $3; Four Years $5. Box 891, Kissimmee.

LANDRETH FARMS
BREEDERS OF HIGH QUALITY SANTA GERTRUDIS CATTLE
See Our Offering of Bulls Cows and Heifers
VISITORS WELCOME
E. A. Landreth
Owner
Route 1, Box 392—Ph. DU 3-3496
EDINBURG, TEXAS
L RANCH
Home of Charolais and Charbray cattle

FOR SALE
3/4 and 7/8 weaned heifers
15/16 to 31/32 Charolais heifers, from 8 mos. to two years old.
Bulls—3/4 to Purebred
All heifers and bulls calfhood vaccinated

Mr. and Mrs. C. C. Land
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Carrabelle Florida
American International Charolais Ass'n
American Charbray Breeders Ass'n
Eastern Charolais & Charbray Ass'n

CHAROLAIS-CHARBRAY
Bryant E. Pearce
P. O. Box 590
Quintin, Ga.

CHAROLAIS-CHARBRAY
and CHARBRAY CATTLE
Bulls and Heifers Available, Visitors Welcome.

K RANCH
I. A. Kruisen
H. C. Douglas
Ph. SU 2-4235
Ph. SU 2-3541
Zephyrhills, Florida

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CHAROLAIS-CHARBRAY
Association
Otto Weaver, Secretary
800-26th Ave., N., St. Petersburg, Florida

BUY YOUR
CHAROLAIS & CHARBRAY
FROM ONE OF FLORIDA'S TOP HERDS
Good, Breeding Age Bulls and Heifers
For Sale at all Times.

Dr. E. J. Hall
9405 W. Flagler St., Miami, Florida

Charolais & Charbray
Ayavalla bulls average daily gain on performance feeding tests at Brooksville for first 56 days was 3.8 pounds per day gain per bull.

Ayavalla Plantation
Box 3166, Jack Pons, Manager
Phone 3-3855, Tallahassee, Florida

Charolais & Charbray
Top Beef Producers!
A. M. Askew
P. O. Box 22252, Houston 27, Texas

Ayavalla Sells Cows
Ayavalla Plantation, Tallahassee Charolais and Charbray breeders, reports the sale of 53 head of recorded half-blood Charolais-Brahman cows to C. C. Land's I. Bar Ranch at Carrabelle.

Contact us for
CHAROLAIS bred CATTLE
T. M. Britt
Phone Olympic 6-3083 (residence) or Olympic 6-1553 (office)
Box 308, Winter Garden, Florida
TAMPA CHAMP . bull in Shorthorn competition was this Smith Ranch entry, held by Frank Smith.

JACKLEN . Farms showed the Short-horn champion cow at Tampa, held here by G. W. Ruis.

Shorthorn Show Winners Listed

In Shorthorn showing at the Southeastern Fat Stock Show in Ocala and the Florida State Fair in Tampa, the following winners (which are listed in order by classes with number of entries in parentheses) were selected:

Ocala Shorthorns
Senior yearling bulls (2) — Edellvn Emperor (grand champion, senior champion), Smith Ranch, Winter Haven; Jacklen Bank Standard 2D (reserve grand champion, reserve senior champion), Jacklen Farms, Plant City.

Junior yearling bulls (1) — Jacklen Royal Deere 2D, Jacklen.

Summer yearling bulls (1) — S.R. Roan Prince (reserve junior champion), Smith.

Early senior bull calves (1) — Jacklen Bounty Nuggit, Jacklen; S.R. Boy King, Smith.

Late senior bull calves (3) — Oakwood Watchman (junior champion), Smith; Jacklen Predator, Jacklen; S.R. Red Landmark, Smith.

Junior bull calves (1) — S.R. Cock Robin, Smith.

Three bulls (3) — Smith; Jacklen; Smith.

Two bulls (3) — Jacklen; Jacklen; Smith.

Two-year-old females (1) — Creeklake Book C, Smith.

Senior yearling heifers (3) — Leaders Red Lady (senior champion), Smith; Jacklen Nonpareil (reserve senior champion), Jacklen; Temple Clipper, Smith.

Junior yearling heifers (3) — Jacklen White Jill (grand champion, junior champion), Jacklen; Wawyo T. Bride, Smith; Jacklen Rona Beauty, Jacklen.

Summer yearling heifers (1) — Wawyo C. Rose, Smith.

Early senior heifer calves (1) — Orange Blossom Coronita 25th, Smith.

Late senior heifer calves (5) — Brown Forman Pauline 2nd (reserve grand champion, reserve junior champion), Smith; Jacklen Nonpareil 2D, Jacklen; Jacklen Rona Beauty 3D, Jacklen; S.R. Red Clara, Smith; S.R. Royal Beauty, Smith.

Two females (3) — Jacklen; Jacklen; Smith.

Pair of yearlings (2) — Jacklen; Smith.

Senior get of sire (1) — get of W.P. Bank Standard 8th, Jacklen.


Tampa Shorthorns
Two-year-old bulls (2) — Edellvn Emperor (senior champion), Smith Ranch, Winter Haven; Jacklen.

Hi-Ho Factor 12th

3 Head to Thomaston

We're consigning two heifers and one bull to the Southeastern Regional Shorthorn Show and Sale at Thomaston, Georgia, March 12. We invite you to attend the sale and check on these top quality animals.

SMITH RANCH
H. L. & P. N. Smith, Owners
Garland Snyder and Frank Smith, Herdsmen
300 Lake Elbert Drive
WINTER HAVEN, FLORIDA
RANCH FIVE MILES NORTHEAST ON LAKE HAMILTON

BE WISE—FEED
DR. MACDONALD'S
IT JUST CAN'T BE BEAT

For Further Information on Vy-Tab-O-Lator, Hoof Trimming and Livestock Consultation contact District Director

LAWRENCE RUSSELL
P. O. Box 3617
Gainesville, Florida
Florida Shorthorn Breeders’ Ass’n
Mrs. H. L. Smith, Secretary
300 Lake Elbert Drive
WINTER HAVEN, FLA.

REGISTERED or GRADED
ANGUS and SHORTHORNS
National Champion Polled Conference Short-
horn Bull. Southeastern Champion horned Short-
horn and breed. Central Shorthorn horned Bull imported from Scotland.

BULLS, COWS and HEIFERS for sale
Jack Sutton, Manager, Mrs. Martha Hutchison,
Assistant Manager, Mirror Lake Ranch, Trilby,
Road, Dade City, Florida. Phone LOGan-7-2226.

COL. E. HOOD WILKERSON, Owner
120 N. Orange Ave., Phone Garden 5-1838
ORLANDO, FLORIDA
The New Home of These Leading Herd Sires.

L & L SHORTHORNS
POLLED SHORTHORNS
QUARTER HORSES
J. L. ADAMS, OWNER
BOX 890
DOTHAN, ALABAMA

Registered Shorthorns
See Us for Good Breeding Stock
ASHBOURNE RANCH
Owned by Ashbourne Realty & Land Development Corp.
P. O. Box 158, Orlando, Fla.
341 SE 20 AVE, DELRAY BEACH, FLORIDA
Located 3 miles S. of Delray Road on State Road 7

Polled Shorthorn Bulls
"Breeders Since 1947"
Cross your cows with bulls that will make
heavier calves and won’t drain your pocketbook.

Orangewood Stock Farm
C. B. Rodenberg, Rt. 2, Box 158, Orlando, Fla.
5 mi. north of Orlando on Hwy. 441, at the R-I-Mar Show turn west and look for my sign. It is only
500 feet off 441 west of the show. Ph. GA 5-3291.

FERONGRA ACRES
For
SHORTHORNS
BREEDING STOCK AVAILABLE
Dr. H. D. Young, Owner
Phone 638 or 24, LEESBURG, FLA.
Farm located 3 miles so. of Webster off Hwy 50

SMITH . . . Ranch had the grand champion Shorthorn bull at Ocala, held by
Frank Smith.

RESERVE BULL . . . in Tampa Shorthorn show was this Smith Ranch entry, held by
Frank Smith.

RESERVE COW . . . at Tampa was another entry of Smith Ranch, also held by
Herdsman Frank Smith.

SMITH RANCH . . . also had the reserve female at Ocala, this entry held by
Frank Smith.

RESERVE BULL . . . in Shorthorn showing at Ocala was owned by Jacklen
Farms, held here by G. W. Ruis.

Bank Standard 2d (reserve senior champion),
Jacklen Farms, Plant City;
Senior yearling bulls (1)—Jacklen Royal Decree
2d. Jacklen;
Junior yearling bulls (2)—Hi-Lo Factor 12th
(grand champion, junior champion), Smith;
Ran Prince, Smith;
Senior bull calves (2)—Jacklen Bounty Nug-
ett, Jacklen; S. R. Boy King, Smith;
Junior bull calves (5)—Oakwood Watchman (re-
serve grand champion, reserve junior champion),
Smith; S. R. Red Landmark, Smith; Jacklen Pre-
dictor, Jacklen;
Three bulls (3)—Smith; Jacklen; Smith;
Two bulls (3)—Jacklen; Smith;
Aged cows (1)—Creekland Broadbooks B
Smith;
Two-year-old cows (1)—Jacklen Nonpareil
(grand champion, senior champion), Jacklen;
Temple Clipper (reserve senior champion), Smith;

Registered Pollad Shorthorns
OAK HILL FARM
Write Mark A. Saunders, Manager, Rt.
1, Box 77, Lloyd, Fla. Farm in Leon
County 18 miles east of Tallahassee and
4 miles south of Miccosukee on Rt. 59.
Rt. 1, Box 77, LLOYD, FLORIDA

FOR SALE
Young bull calves. Come look at them.
Phone YU 2-7501 or YU 2-1242.

BEARDSLEY FARMS
POLLED SHORTHORNS
CLEWISTON
FLORIDA

Shorthorns & Polled Shorthorns
for sale at reasonable prices. Florida bred and
raised bulls. Open and bred heifers by Interna-
tional Congress Champion, W. L Bank Standard 8th.

Jacklen Farms
Phones: Business 2-4151, Home 3-8091, Farm 3-6588
Kenn & Sam Allen Roads, Plant City, Florida
Biggest Shorthorn and Polled Shorthorn Sale In The South This Year

THE WHITE PLAINS DISPERSION
Mountville, South Carolina
Carl D. Davis, Owner
E. A. Bradshaw, Mgr.
Herd Accredited For T.B. and Bangs

Saturday, April 11th
SALE STARTS AT 10:00 A.M.

210 Head
(All Registered)

18 Bulls−75 Cows
65 With Calves At Foot

55 Bred and Open Heifers

The herd is about equally divided between Shorthorns and Polled Shorthorns. Outstanding imported Shorthorn sires, like the $3000 imported Calrossie King Pin, are being used. In the past two years strong White Plains consignments have won championships and had the top herd averages at the Southeastern Regional, South Carolina State Sale, Ocala All-Bull sale.

The yearling bulls and heifers have been on feed, but the cow herd will be sold as is . . . in good healthy pasture condition.

This herd established through the purchase of the finest available in the United States and Canada.

Quality and breeding to suit the most critical . . .

Prices to suit the practical cattleman . . .

Numbers to suit carload buyers . . .

The largest Shorthorn and Polled Shorthorn sale ever held in the South . . . the best buying opportunities ever offered.

For your sale catalog or further information address
DON LONGLEY, SALE MGR.
16 SO. LOCUST ST., AURORA, ILLINOIS

Trucks and semi-trailers available at the sale at reasonable rates.
**State Fair Swine**

(Continued from page 30)

try in the certified meat type contest.

Winners in the breeding swine division were as follows:

**Durocs—** Mr. Topper Ace, grand champion boar, T. J. Haynes, O'Brien; Kings Pride, grand champion female, Cannon Duroc Farm, Live Oak; Kings Property, reserve grand champion boar; Cannon Miss Progress 18th, reserve grand cham-

**Hampshire** . . . , reserve champion female was shown by A. E. Bruner.

**Cannon** . . . also showed the reserve champion Duroc female at the State Fair.

**TAMWORTH** . . . , boar champion at the State Fair was this entry of C. C. Lamb.

**CANNON** . . . Duroc Farms showed the grand champion Duroc female at Tampa.
Circle D Had a Grand Slam at Tampa!

Meat type is the key word in the Circle D Ranch Hampshire breeding program and we’re happy to report that we were well rewarded with championships at the 1959 Florida State Fair.

A Circle D Ranch Hampshire won the “on foot” barrow championship and we also had both the grand and reserve grand championships in the carcass contest, while our Mighty Monitor 1st was named grand champion Hampshire boar, our CD Lulu was the Hampshire female grand champion, and our CD Dust Chief was named reserve grand champion Hampshire boar.

We are, of course, proud of the championships that we won with our breeding animals, but particularly proud of the barrow and carcass contest results which is the real test of a meat type swine breeding program. We have also had the honor of exhibiting the reserve grand champion carcass at the 1956 Florida State Fair and the grand champion carcass at the North Florida Fair in Tallahassee in both 1957 and 1958.

Please feel welcome to come by the ranch soon to visit with us and learn more about CIRCLE D RANCH MEAT TYPE HAMPSHIRE.

Grand Champion Hampshire Boar at Tampa

Grand Champion Barrow at Tampa

Grand Champion Hampshire Female at Tampa

Reserve Grand Champion Hampshire Boar at Tampa

Circle D Ranch

FLORIDA ACCREDITED BRUCELLOSIS-FREE HERD NO. 7

George E. Dryden, Owner, Phone Cottondale Elgin 2-4952

Route 2, Box 1000, Marianna, Florida
MINERALS
MADE TO ORDER FOR YOU!

BIG W BRAND

Minerals are essential for the proper growth, maintenance and functioning of the animal's body. Deficiencies of minerals in the diet result in abnormalities referred to as nutritional diseases.

WEDGWORTH'S, Inc
Belle Glade, Florida

BRAND

TAMWORTH ... reserve champion boar was this M and E Farms entry.

LAMB ... also showed the reserve Tamworth female at the State Fair show.

RESERVE ... Duroc Boar was a Cannon entry in the Florida State Fair.

RESERVE ... Hampshire boar is pictured above, shown by Circle D Ranch.

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RESERVE ... Hampshire boar is pictured above, shown by Circle D Ranch.

Seminole Farms
HEREFORD CATTLE
& LANDRACE HOGS
Breeders of Registered Livestock Since 1913

ANNOUNCES ITS SPRING 1959

LANDRACE AUCTION SALE
Monday, March 30th, 1:30 P.M.

35 Bred Gilts
All 100% Swedish Imported Breeding

35 Boars

This is the herd responsible for the top-priced hog sale in America in 1958, selling hogs to 15 different states. Write for Free Catalog.

SALE WILL BE HELD AT THE RANCH NEAR Donalsonville, Georgia

Mr. and Mrs. John J. Cummings
Mr. and Mrs. Paul E. Stout

HEREFORD CATTLE & LANDRACE HOGS
Breeders of Registered Livestock Since 1913

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SALE WILL BE HELD AT THE RANCH NEAR Donalsonville, Georgia

Mr. and Mrs. John J. Cummings
Mr. and Mrs. Paul E. Stout
MRS. DRYDEN ... poses with Circle D's grand champion barrow at the Florida State Fair.

Duroc & Bill Cannon; Haynes; Cannon Duroc; Get of sire; Get of Strowald Engraver Haynes; get of Model Topper, Cannon Duroc & Bill Cannon; get of Hytest Dynamo Lat, Gatrell; get of Model Topper, Cannon Duroc; Produce of sow (4): Haynes; Cannon Duroc & Bill Cannon; Cannon Duroc, Gatrell; Sow and litter (1) Haynes;

Hampshire sows—Senior pigs (3): Mighty Monitor Lat (grand champion, senior champion), Circle D Ranch, Marianna; CD Silver Lad, Circle D; Gold Citation, E. Bruner; Live Oak; Junior fall pigs (1): Unnamed, Bruner; Junior champion (4): Circle D Rusty, Bruner; CD Dust Chief (reserve grand champion, junior champion), Circle D; Gold Rush, Bruner; CD Dust Chief 2d, Circle D; Unnamed, Bruner;

Hampshire females—Aged (2): Circle D Miss Angel 4th, Circle D; Circle D Miss Leader 2d, Circle D; Senior yearlings (2): Form Fashion, Bruner; CD Dust Chief (reserve grand champion, senior champion), Bruner; Choice Lou, Circle D; Junior yearlings (2): CD Maggie 1st, Circle D; Azness Lou, Bruner; Senior pigs (5): Oakville Indicator, Bruner; CD Silver Lady, Circle D; Miss Lucky Top, Circle D; Monitor’s Miss, Circle D; Miss Fashion, Bruner; Junior summer pigs (3): CD Lulu (grand champion, junior champion), Circle D; Miss Bessie, Bruner; Velvet Bessie, Bruner; Junior pigs (4): CD Dust Squaw, Circle D; CD Dust Squaw 1st, Circle D; Rizzie, Bruner; Mary Lee, Bruner;

Hampshire groups—Young heed (4): Circle D; Bruner; Bruner; Get of sire (3): get of Golden Dust, Circle D; get of Golden Style, Bruner; get of Golden Style, Bruner; Produce of sow (4): Circle D; Circle D; Bruner; Bruner;

Sow and litter (1): Bruner;

Tamworth boars—Aged (2): Tamworth Trend (reserve grand champion), M & E Farms, Cypress; Belle King, C. C. Lamb, Cottage Hill; Senior yearlings (1): C. L. Master 1, Lamb; Junior yearlings (1): C. L. Master 2 (grand champion, senior champion), Lamb; Senior pigs (3): Dame Barry (junior champion), M & E; C. N. Kings Prince 3, Lamb; Junior pigs (1): Unnamed, Lamb;

Tamworth females—Aged (1): Cypress Farm Maid, M & E; Senior yearlings (1): Royal Scotch Les 17, Lamb; Junior yearlings (1): C. N. Kings Lady (grand champion, senior champion), Lamb; Senior pigs (2): M & E Lady Maid (grand champion, junior champion), M & E; Shady Oaks Princess 8, Lamb; Junior summer pigs (2): Unnamed, Lamb; Unnamed, Lamb; Junior pigs (2): Unnamed, Lamb; Unnamed, Lamb; Tamworth groups—Young heed (2): Lamb; Lamb; Get of sire (1): get of C. L. Master 1, Lamb; Produce of sow (1): Lamb;

Barrows

Packers—5—Circle D (packerweight champion); Circle D; Circle D; Circle D; Circle D; Circle D; Packerweight pens of three (1)—Circle D;

Lamb Lightweights (10)—University of Florida, Gainesville (reserve grand champion, lightweight champion); U of F; Circle D; Circle D; LIGHTWEIGHTS (3)—U of F; Circle D; U of F; Mediumweights (10)—Circle D (grand champion, mediumweight champion); U of F; U of F; Cannon; Cannon; Cannon; Circle D; Bruner; Bruner; Mediumweight pens of three (4)—U of F (grand champion) Circle D; Circle D; Bruner;

Carasses

Lightweights (10)—Circle D (grand champion); U of F; U of F; U of F; Circle D; U of F; Mediumweights (12)—Circle D (reserve grand champion); Circle D; U of F; Circle D; Cannon; Bruner; Bruner; U of F; U of F;

Dr. William A. Hagan of Ithaca, New York, has been named director of USDA's new National Animal Disease Laboratory, now under construction at Ames, Iowa.

for March, 1959

CHUTES AND TRUCK BODIES FOR CATTLEMAN

The EZ squeeze chute (see photos) has these major features:

1. It can be used for all size animals, with both sides squeezing, and the sides easily movable to provide more or less space.
2. All side bars drop down—but are secured so they can't get lost.
3. Floor is cleated to prevent slipping, and there's a blind at the front end so cattle won't attempt to jump out.
4. There are several special features: a drenching pulley, leg catching hook, and a rocking tail gate with off-center spring which holds it both open and shut, but requires no latches.

On special order we also make left-handed chutes.

We also build standard size cow bodies—14, 16, 18's. For easy loading and unloading, the complete tailgate is removable. Rock is bolted to framed for easy removing and to prevent noise.

TRIANGLE IRON WORKS

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 Owners, Jim Haynes and L. E. Selph, Jr.

Box 525, Sebring, Florida

SOUTHERN DOLOMITE

PALMETTO, FLORIDA

PHONE: BRADENTON 2-1411

NOW AVAILABLE!

Commercial Farm Scale

At Low Cost

Sure-weigh Model 1200 completely portable Runabout. 3,000 lb. capacity—one tenth of one percent accuracy. 3 ft. by 8 ft. platform. Trailer tow hitch and pen, hydraulic wheel retracting ram, wheels (standard 15-inch). Weigh beam calibrated on flat top. Read from standing position. Ten year warranty. Weigh 40 to 50 head per hour. Pays for itself in one season.

Also available. Semi-portable skid frame model 500 at $495; build yourself stationary model 500 at $275... includes beam box, mechanism, gauge bars. Send us postcard for complete information. All prices f.o.b. Rockford, Illinois.

Ferguson-Hanks Corp., 2140 West Lawrence Ave., Dept 13-A, Chicago, 25, Ill.

ATTENTION DISTRIBUTORS: A few selected territories open. Drop us card for details.
Anhydrous Ammonia works at root level—at once. Picture shows depth of applicator hoe during application. The blue, working at this level, loosen sod-bound pastures while Anhydrous Ammonia is being applied.

Here is the applicator in working position. No Anhydrous Ammonia is lost—it is absorbed by the soil for immediate stimulation to plan life, yet lasts and lasts without leaching.

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the

This is the bank to Grow with

First National Bank

of Tampa

FLORIDA'S OLDEST NATIONAL BANK

MEMBER: FEDERAL DEPOSIT INSURANCE CORPORATION

Youngsters Show Dairy Stock

State Fair results are listed

YOUNGSTERS SHOWED 87 registered dairy animals in 4-H and FFA shows held at the Florida State Fair in Tampa during Dairy Week. Blue ribbon winners named (under Danish system, all animals receive a ribbon, Blue, Red or White) were as follows:

4-H Ayrshires

Heifer calves (5)—Blues to Tamargo's Valerie, Deborah Jane Tamargo, Hillsborough; Tamargo’s Betty Sue, Raymond Tamargo, Jr., Hillsborough; Parent’s Livvy Carol, Bill Parent, Marion; Senior yearling heifers (8)—Blues to Clind Acres Magnificant Lady (junior champion), C. T. Gaines, Manatee; Clind Acres Magnificant Lassie, Martin Overstreet, Manatee; Dixie’s Gorgeous April, Toni Vernon, Hillsborough; Hillbome Flirt, Nancy Vernon, Hillsborough.

Two year old cows (2)—Blues to Draper Dixie Mack; Larry High, Orange; Western Marilyn, Gaines.

Cows three years and over (9)—Blues to Trans-Vale Royal Jewel (grand champion, senior champion), Jane Vernon; Nora’s Gold Star Garnet Queen (reserve grand champion), Nancy Vernon; Synd-Ayr Stella, Jane Vernon.

Best bred by exhibitor: (7)—Blues to Dixie’s Gorgeous April, Toni Vernon; Tamargo’s Valerie, Deborah Jane Tamargo, Hillsborough; Tamargo’s Peggy Sue, Raymond Tamargo, Jr.

4-H Guernseys

Heifer calves (3)—Blues to Lay Laine Ermons Gypsy, Barbara Ward, Orange; Garden Lake Raiders IWFPA, Phillip Younayak, Orange; Junior yearling heifers (10)—Lakemont Kings Bell (junior champion), Janice Ward, Orange; Stebbins RBC Judy, Chipper High, Marion; Masonary Rebecca’s Clara, Leslie Smith, Pasco; La-Vi-Da Brice Hornet Lass, Robert Lester, Hillsborough.

Senior yearling heifers (1)—Blues to Phillips Bright June, J. W. Steadham, Pinellas; Two year old cows (7)—Blues to Lay Laine Virginia’s Debbie, Barbara Ward; Blakeford Lady Prewitt, Dennis Diaz, Hillsborough; Senior yearling heifers (8)—Blues to Bayou Vista Maxine (grand champion, senior champion), Linda Casey, Pinellas; Bayou Vista Key (reserve grand champion), George Casey, Pinellas; Bray's Island La Celia, Tommy Edge, Orlando.

Best bred by exhibitor (6)—Blues to Phillips' Bright Fay, Steadham; Masonary Rebecca’s Clara, Smith; Phillips' Bright June, Steadham.

4-H Holsteins

Heifer calves (1)—Blue to Shadel Renown Pinky (grand champion), Jackie Platt, Orange; Junior yearling heifers (1)—Blue to Shadel Renown Rita (grand champion), Kenley Platt, Orange.

Cows three years and over (6)—Blues to Trans-Vale Uriah, Linda Stuart, Polk; Hustler Princess, James Lee Smith, Jr., Hillsborough; Favorite Belle Speckle, Richard Thornchill, Polk; Best bred by exhibitor (6)—Blues to Stardust's Bright May, Steadham; Masonary Rebecca’s Clara, Smith; Phillips' Bright June, Steadham.

4-H Jerseys

Heifer calves (8)—Blues to Design Sparkling Joy, Mary Francis Fischer, Orange; Jester Green Fold Salley, Jimmy Seymour, Polk; Junior yearling heifers (8)—Blues to How Bile Advance Rosemary, Kathy Sroufe, Polk; Sylvia Baronet Fernanda, James Lee Smith, Jr., Hillsborough; Favorite Noble Speckle, Richard Thornchill, Polk; Best bred by exhibitor (7)—Blues to Design Miss Revelon, Charlotte Lee, Polk.

Cows three years and over (8)—Jingo’s Parade (grand champion, senior champion), Caroline Stuart, Polk; Standard Royal Gen. S.F. Reserve Grand Champion, Bobby Heik, Polk.

Best bred by exhibitor (6)—Blues to Design Sparkling Joy, Mary Frances Fischer; Sylvia Advance Edison, Ernest Fischer.
UF Short Course
Set for April

CONSIDERABLE EMPHASIS will be placed on pastures and fertilization at the annual Beef Cattle Breeders' and Herdsman's Short Course slated for Gainesville April 16-18, according to Dr. T. J. Cunha, head of the University of Florida Department of Animal Husbandry and Nutrition.

"Course will consist of lectures, demonstrations, movies and slides, with field-men for the eight co-sponsoring breed associations appearing on the program, along with other Florida and out-of-state speakers," Cunha reports.

Cooperating in the event are the promotional associations for Florida of the following breeds: Angus, Hereford, Santa Gertrudis, Shorthorn, Brahman and Charolais and Charbray. The Alachua County Cattlemen's Association and the University's Block and Bridle Club will also help with the Short Course.

Featured out-of-state speakers are: Paul Swaffar, Secretary, American Hereford Association; Ken D. Folk, Secretary, American Shorthorn Association; Harry Gayden, Secretary, American Brahman Association; Charles E. Bell, Jr., USDA; Dr. R. A. Long, University of Georgia; Dr. W. H. Hale, Charles Pfizer & Co.; R. B. Hunt, Doane Agricultural Service; Drs. W. C. McCormick and D. C. Beardsley, Georgia Coastal Plain Experiment Station; Dr. I. M. Woffard, Southern Nitrogen Company; Ralph F. Hyatt, Schering Corporation and Bill McSpadden, classifier for American Angus Association.

Other topics to be discussed during the concentrated course are vertical integration, tranquilizers, meat type steers, protein needs, selection and developing herd bulls, production practices, outlook and problems for the future, classification of Angus cattle, dewatering of feeds, pelleting of feeds, silage making, weed control, and for dry lot use, steel cable-washer rubbing element built to last a lifetime. Cattle entering oiler lift rubbing element which actuates pump and a measured amount of insecticide flows down on cable from supply tank. Washers on the cable act as a seal to hold oil; animals rubbing action separates wathers and insecticide is released — brushed and combed deep into hair and hide. Loose dead hair and dirt are removed, hair and hide is conditioned to give that "Show-Ring" finish.

Here's the Oiler designed for your specific purpose--
AT A PRICE ANY STOCKMAN CAN AFFORD.

**Sandhills** "ALL-STEEL OILER
Recommended for feeder cattle, long-haired cattle, northern cattle, and for dry lot use. Steel cable-washer rubbing element which actuates pump and a measured amount of insecticide flows down onto rope. Rope soaks up all the oil. Oil is released as cattle rub, applying insecticide to animals hair and hide. Giant size marine rope rubbing element is rot and wear resistant. Oiler NOW available with heavy-duty steel guard pictured at right. Steel guard encasement adds "scratchability" priced extra at $3.70 for single unit — $7.25 double.

**Sandhills** "ROPE-WICK
Recommended for beef or dairy cattle, hogs, thin-skinned—short-haired animals, and for use in loafing-pens. Cattle entering Oilier lift rubbing element which actuates pump and a measured amount of insecticide flows down onto rope. Rope soaks up all the oil. Oiler is released as cattle rub, applying insecticide to animals hair and hide. Giant size marine rope rubbing element is rot and wear resistant. Oiler NOW available with heavy-duty steel guard pictured at right. Steel guard encasement adds "scratchability" priced extra at $3.70 for single unit — $7.25 double.

**Stampede OILER**
Best for open range and cattle on pasture. Treats 2 or 3 cattle at a time. 8-gallon cylinder is freely suspended by chain, and equipped with adjustable oil control. As cattle enter Oiler, they turn cylinder which permits regulated amount of insecticide to saturate cattle. Oil is released as cattle rub, applying insecticide to animals hair and hide. Giant size marine rope rubbing element is rot and wear resistant. Oiler NOW available with heavy-duty steel guard pictured at right. Steel guard encasement adds "scratchability" priced extra at $3.70 for single unit — $7.25 double.

**FREE YOUR CATTLE OF COSTLY STOCK PESTS!**

Recommended Insecticide Concentrate

**MESSKILL ROTOLEX**
Mixes With Your Own Water or Oil
For best results at Lower Cost. Mix 1 gallon Rotolex with 20-gallons #2 fuel oil or petroleum distillate for use in cattle oilers. Mix 1 to 160 with water as a spray application. Safe for both dairy and beef cattle — controls all 4 fall and winter stock pests! Cattle Grubs, Lice, Ticks, Mange Mites. Price per gallon $12.60 Postpaid.

ORDER TODAY Sandhills oilers are fully automatic. Equipped with Auto-delivery pump. (Guaranteed leak-proof and fully adjustable). Oiler mounts to post, anywhere. Complete unit includes 5 gallon tank with mounting head, automatic pump and oil system, rubber element and anchor chain.

FREIGHT PREPAID when a gallon or more insecticide is ordered with each oiler.

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**AUTOMATIC EQUIPMENT MFG. CO.**

- **DEALERS AND FARM AGENTS WANTED**
- **BOX 331, PENDER, NEBRASKA**
- **BOX 771, MILWAUKEE, WISCONSIN**

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for March, 1959
Entries High in State Fair Dairy Competition

STIFF COMPETITION, in Ayrshire, Guernsey, Holstein and Jersey showings, featured the 1959 Florida State Fair dairy show held in early February. A total of 117 Ayrshires, 90 Guernseys, 28 Holsteins, and 70 Jerseys were on exhibit—making a total of over 300 head, the largest number of dairy animals ever exhibited at Tampa. Winners listed in order by classes, with number of entries in parentheses, were as follows:

Ayrshires

Bull calves (3)—Trespasser's Snowman, Ronald V. Mussel, Huntsville, Ohio; Dixie's Gorgeous Bono, Dixie Farms, Tampa; Strathglass Comet's Nelson, Strathglass Farm, Port Chester, New York;

Junior yearling bulls (5)—Cherry Bank Bondsman (reserve grand champion, junior champion), Maiden Hill Farm, Valrico; Woodland's Highland, Mussel; Walnut Crest Major, Mussel; Strathglass Lively Phil, Strathglass; Dixie's Gorgeous Premium, Dixie Farms;

Senior yearling bulls (4)—Trespasser's Gene, Mussel; Maiden Hill Consort's Bourg, Maiden Hill; Bright's Marty's Boy, Mussel; Strathglass Lively Phil, Dixie Farms;

Two year old bulls (2)—Strathglass Lively Forest, Dixie Farms; River Bend Piedmont Interstate, River Bend, North Carolina;

Bull three years and over (1)—Vale Haven Crown Duke (grand champion, senior champion), Dixie Farms;


Senior yearling heifers (14)—Trespasser's Chris- tena Tenella (junior champion), Mussel; Bright's Lu Ann, Mussel; Maiden Hill Consort's Denise, Maiden Hill; Maiden Hill Notable's Lally, Maiden Hill; Home-Ayr Po's Poem, Bowling; Dixie's Sterling Silver, Dixie Farms; Pine Lake Vet Anna, Pine Lake Farms, Cold Spring, New York; Home-Ayr Dixie's Ada, Bowling; Home-Ayr Dixie's Alibi, Bowling; Home-Ayr Po's Daisy, Strathglass;

Junior yearling heifers (14)—Trespasser's El Ses- lecta, Musker; Bright's Red Safari, Musker; Knoll Acres Magistrate Kathy, Crawford Gaines, Manatee; Maiden Hill Consort's Helen, Maiden Hill; Strathglass Comet's Pokey, Strathglass; Lively Phil, Dixie Farms; Arches Magistrate Lassie, Moot Ben Overstreet, Oneco; Dixie's Miss Lila, Dixie Farms; Dixie's Gorgeous April, Toni Vernon, Tampa; Evergreen Homestead New Year, Frank A. Youngs, Nurse; Tallahassee; Woodchuck Pioneer Sweet Clover, Strathglass; Maiden Hill Consort's Lullaby, Maiden Hill;

Senior grand champion (7)—get of Clarksand Swing Trespasser, Mussel; get of Wildwood Colonial Bob, Security Mills; get of Darland Faithful Consort, Maiden Hill; get of Trespasser Dixie Preferred, Bowling; get of Bashammy Trader Po, Bowling; get of Broad Place Gorgeous George, Dixie Farms; get of Lessnessock World Comet Imp., Strathglass;

Junior champion (7)—get of Clarksand Swing, Trespasser, Mussel; get of Wildwood Colonial Bob, Security Mills; get of Darland Faithful Consort, Maiden Hill; get of Trespasser Dixie Preferred, Bowling; get of Bashammy Trader Po, Bowling; get of Broad Place Gorgeous George, Dixie Farms; get of Lessnessock World Comet Imp., Strathglass;

Two year old heifers (17)—Draper Dixie Melody, Larry Hiatt, Orlando; Trespasser's Bonnie, Dixie Farms; Trespasser's Betsy May, Dixie Farms; Bright's Pancake, Mussel; Wurtz's Marilyn Gaines; Strathglass Comet's Puss, Strathglass; Sky Ranch Tiger Lily, William Twitty Carpenter, Jr.; Winston-Salem, North Carolina; Bright's Red Rifle, Dixie Farms; Musker; Dixie Farms Sunny Gay, Dixie Farms; Flint Rock Jim's C. Leo, Flint Rock; Three-year-old cows (9)—Maiden Hill Consort's Bette, Maiden Hill; Nora's Gold Star Garnet Betty Q., Nancy Vernon; Snyd-Ayr Stella, Jane Vernom, Tampa; Snyd-Ayr Scotty's Fanity, Nancy Vernon; Bright's Victory Lee, Musker; Seabrook Marilyn Imp., Musser; Snyd-Ayr Della, Toni Vernon; Brush Ayr Dulcie Lou, Dixie Farms.

December Milk Production

DECEMBER milk production in Florida was up nearly one million gallons from November, based on reports from the four milk commission areas and the Southeast Florida federal marketing order area, plus an educated estimate of 500,000 gallons (100,000 Class II, rest Class I) in the Pensacola area.

<table>
<thead>
<tr>
<th>Area</th>
<th>Class I</th>
<th>Class II</th>
<th>Class III</th>
<th>Total</th>
<th>State Prod.</th>
<th>BF</th>
<th>Percent</th>
<th>Blend Percent</th>
</tr>
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<tbody>
<tr>
<td>Tallahassee</td>
<td>4,150</td>
<td>5,200</td>
<td>6,250</td>
<td>15,600</td>
<td>553,706</td>
<td>4.11</td>
<td>.5776</td>
<td>89.5</td>
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<tr>
<td>Tampa Bay</td>
<td>4,150</td>
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<td>Northeast Fl.</td>
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<td>Central Fl.</td>
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<td>Southeast Fl.</td>
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<tr>
<td>TOTAL</td>
<td>16,600</td>
<td>20,800</td>
<td>24,000</td>
<td>61,500</td>
<td>2,215,359</td>
<td>4.26</td>
<td>.6286</td>
<td>92.9</td>
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*Class II under the federal order includes all milk not Class I.
Another showdown is approaching in the continuing conflict between the chain milk distributors and the milk commission in the Tallahassee milk marketing area—this one the product of the chain distributors's refusal to recognize the authority of the Commission to regulate the milk industry.

The Tallahassee problem was aired at the Milk Commission meeting and the public hearing on February 18-19. Evidence was presented which showed that representatives of Borden, Foremost and Southern Dairies attended a meeting with producers in that area, at which time a petition to vote out the Milk Commission was discussed, along with an 18-month contract to be offered farmers.

The petition (carrying sufficient number of signatures to remove Milk Commission controls from the area) was presented, and the Milk Commission asked for testimony. Of the six dairy farmers who testified, all but one stated that they wanted the Milk Commission retained, that the contracts would net them less money, and that they did not know what might happen when the contracts run out. Yet all (except one brave individual) had finally signed the petition because they believed that the Milk Commission was certain to be voted out, and they wouldn't be offered a contract unless they had signed the petition!

The petition was refused by the Commission, on grounds that there was evidence of coercion of producers and illegal offering of contracts. The Commission staff and a representative of the Attorney General are now investigating the evidence. They're also investigating possible collusion between distributors to set milk prices.

A Commission order requiring that a referendum involving secret voting, supervised by the Commission, would be mandatory before an area could remove itself from Commission control was passed a few hours before the petition was presented. The situation was further complicated by an injunction enjoining the Commission to comply with the petition—this will necessitate Court ruling.

The instrument which brought this about was the North and West Florida Milk Producers Association headed by Bob Freeland (who is also executive secretary of the Florida State Dairymen's Association, an organization which believes in close cooperation with distributors and also professes to favor the retention of the Florida Milk Commission!)

Dairy farmers who are counting on the promises of the Florida State Dairymen's Association and the distributors to work to retain the Milk Commission should take careful note of the above facts. This Federation (with the people of the State of Florida) feels that it has a responsibility to see that justice is done in this matter. We will not shirk it!

This Federation is proposing a Legislative Program, developed by representatives of each member association after much study and many meetings. This program has been almost entirely approved by the Milk Commission. Chairman Brailey Odham was very complimentary of the constructive and thorough manner in which it was developed.

Representatives of the Federation were also present at the hearings held by the Adams Committee for reorganization of the State Department of Agriculture. Though we were not in agreement with all of their recommendations, our reasons for differing were received sympathetically, and our thoroughness was commended by this group also.

High points of our legislative program (each dairyman will receive a copy by mail), are: The Department of Agriculture would continue to be responsible for dairy farm inspection; (2) The Milk Commission would remain a separate agency, with new provisions (a) that the Administrator be employed by, and his salary set by, the Commission, (b) that the commission initiate and supervise a butterfat testing program, (c) that the CPA audits be made of each distributing plant yearly, (d) that the "just cause" order become law, and (e) that the Milk Commission assessment be increased from 1/10c to a maximum of 2/10c per gallon to pay for these extra services.

Our representative to the Florida Livestock Board—H. Owen of Jacksonville—secured an extension of the deadline for converting Plan D herds to Plan E from January 1, 1960 to May 1, 1960. Assisting at the meeting were Bob Hall of Miami and others. "No extension will be granted beyond that time." They mean it! . . . Livestock Board will also study our recommendation that the ring test of milk be used to eliminate a great deal of blood testing.

Elbert "Bill" Cammack, President
CHAMP BULL . . . in Jersey competition at Tampa was shown by Sanitary Dairy at Dothan, Alabama.

Bright's Red Lady Deed, Musser;

Four-year-olds (11)—Trans-Vale Royal Jewel (grand champion stock foods, and Grow-'Em Milk Replacer) with Raw.,
RESERVE JERSEY ... cow at Tampa was owned and shown by Caroline Stuart of Bartow, daughter of J. K. Stuart.

Farms C. Teni, Edisto; Edisto Farms C. Priscilla, Edisto; Bayou Vista Rex Leonora, Bayou Vista Farm, Largo; Lay Laine Emory's Hazel, Lay Laine; Lay Laine Virginian's Bet, Lay Laine; Lay Laine Emory's Estie, Edge; Lovi da Brico Hornet Lass, Robert Lester, Tampa; Matoska Lucas S. Rosie, Schmid.

Senior yearling heifers (6) - Edisto Farms C. Toni, Edisto; Edisto Farms C. Priscilla, Edisto; Lay Laine Virginian's Gaiety, Lay Laine; Matoska Lucasius Pride, Schmid; Lay Laine Virginian's June, Lay Laine; Matoska Royal Joyce, Schmid.

Junior get of sire (6) - get of Lay Laine Virginian's Emory, Lay Laine; get of Monterey Coronation Jewel, Edisto; get of Fairfarm Hornet's General, Edisto; get of Lakesmont Victor's Virginian, Lay Laine; get of Tarbell Romanus Lucia, Schmid; get of Lay Laine Virginian's Emory, Edge.

Two-year-old cows (12) - Edisto Farms G. Quin, Edisto; Saracen M's Palotterie, Lay Laine; Matoska Lucasius Fashion, Schmid; Meadow Lodge Lady Mayday, Lay Laine; Conotton M. Harris, Bayou Vista; Lay Laine Virginian's Eliza, Lay Laine; Lay Laine Virginian's Debbie, Barbara Ward; Edisto Farms G. Lucia, Edisto; Hillbright R. Mayflower, Bayou Vista; Bayou Vista Lady Portia, Bayou Vista.

Three-year-old cows (12) - Bayou Vista Maxine, Linda Casey, Largo; Matoska Lucasius Sadie Lee, Schmid; Edisto Farms J. Rometta, Edisto; Bayou Vista Kay, Georgie Casey, Largo; Shul Blon Nola's Elsie, Stebbins Farms, Land O' Lakes; Maine Leader's D. Jen, Schmid; Lay Laine Virginian's Cupie, Bayou Vista; Bayou Vista Belmont Flavin, Bayou Vista; Stebbins Kenyon's Rose Bud, Stebbins; Stebbins Colonel's King Bloom, Stebbins.

Four-year-old cows (7) - Edisto Farms G. Me-

HOLSTEIN ... reserve, also an entry of Rusterholz, was held for the photograph by Fred Buzzard.

GUERNSEY ... reserve champion, owned by Edisto Farms, Denmark, South Carolina, was held by George Fowler.

for March, 1959
THESE TWO GO TOGETHER!

Portable leads the way again with a chute for every need. Four sizes—14 models.

Portable Truwate Livestock Scales—just the Scales you waited for.

Before You Buy, Write:

MOGFORD INDUSTRIES
Crystal City, Texas

---

AYRSHIRE . . . champion cow at Tampa was owned by Jane Vernon of Tampa.

CHAMP BULL . . . in Ayrshire competition was owned and held by Ronald Musser of Huntsville, Ohio.

RESERVE . . . Ayrshire cow, held here by Linda Casey, was also owned by Ronald Musser.

linda reserve grand champion), Edisto; Dismore Noble Candy, Lay Laine; Linda Lee Farm Shirley, Dennis Diaz, Tampa; Brookherry Fashion's Nedra, Lay Laine; Bayou Vista Noble Phyllis, Bayou Vista; Bray's Island Celia, Edge, Lakemont Hero's Emmie, Lay Laine;

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QH Shows Have Strong Competition

Misty King, Steve's Nita big winners

The 1959 Florida Quarter Horse Shows held in late January and early February at Ocala, Lakeland and Tampa saw strong competition in both halter and performance classes.

In halter competition, championships were awarded as follows:

Stallions—Misty King, owned by William Candler, Jr., of Kissimmee, was grand champion at Lakeland and Tampa, reserve at Ocala; Misty Balmy, owned by E. L. "Geech" Partin of Kissimmee was grand champion at Ocala; Rebel Moore, owned by Frank Willerton of Uniontown, Alabama, was reserve champion at both Lakeland and Tampa;

Mares—Steve's Nita, owned by Miss Kathy Morgan of Lutz, was grand champion at Ocala and Lakeland, reserve at Tampa; Moorella, owned by Don Stalvey of Ocala, was grand champion at Tampa; Miss Titian, owned by Candler, was reserve champion at Ocala and Lakeland;

Geldings—No gelding champion was named at Ocala, but at Lakeland Florida Pecos, owned by Warren Wiltis of Winter Garden, won top honors, while Old Don, owned by Elmer Rudd of Jacksonville won the championship at Tampa. In both shows, Wrangler, Jr., shown by the Barhle Brothers of San Antonio was reserve champion.

Cutting competition was extremely keen at all three locations. The open cutting at Ocala was won by Lee's Pride, owned and ridden by Buck Lee of Belle Glade, who also won the first go-round at Lakeland; while Stoop, owned and ridden by Floyd Lingle of Kissimmee, won the second go-round at Lakeland and the Tampa competition.

Registered cutting at Ocala was also won by Lee's Pride, but the Lakeland winner in this category was Misty Tom, owned by Preston Wells of Kissimmee and ridden by Red Simpson. This event was dropped in Tampa due to limited time.

Judge at Ocala was Pete Reynolds of Eutaw, Alabama, who judged the 56 halter entries and 33 performance entries. At Lakeland, Fox Parker of Ocala judged 41 entries in halter competition and 36 performance entries, while at Tampa Zack Woods of Tillar, Arkansas, judged 26 halter entries and 21 performance entries.

Winners, listed in order by classes, with number of entries in parentheses,

for March, 1959
Misty Tom ... now at stud registered quarter horses
PRESTON WELLS
Route 1, Box 68-B Phone TI 7-2505
Partin Settlement Rd.
KISSIMMEE FLORIDA

*Advertise!*

QUARTER HORSES FOR SALE

ONE BAY STALLION, two years old, should go permanent registered, by Dixie's Paul, by Star Deck, out of Bahia's Jenny.

ONE PALOMINO MARE, five years old, from Quarter Horse sire and Thoroughbred dam, broke and gentle.

TWO BROKE BAY GELDINGS, both sired by Bahia, one is four and one is three. Both ready for work or pleasure.

Tom Reaves
P. O. BOX 807
VERO BEACH, FLORIDA
12 MILES WEST ON ROUTE 60

4TH ANNUAL
INDIAN RIVER
RODEO
2:30 P.M. DAILY
SATURDAY & SUNDAY
MARCH 14-15
RIDING CLUB ARENA, AIR BASE
VERO BEACH

Entry deadline 10 a.m., March 14, at rodeo grounds, or contact Mrs. Betty Homer, Vero Beach. $10 in riding events. $15 in calf roping and steer wrestling.

$50 ADDED EACH EVENT
Entry Fees Added

Open to the World

Misty King . . . owned by William Candler, Kissimmee, and held here by Gene Koger, was grand champion at Tampa, Lakeland, reserve at Ocala.

Misty Tom . . . an entry of E. L. "Geech" Partin was the grand champion at the Ocala show, held during the Ocala Graded Bull Sale.

Misty Balmy ... an entry of E. L. "Geech" Partin was the grand champion at the Ocala show, held during the Ocala Graded Bull Sale.

were as follows:

Ocala

1958 stallions (4)—Quick Check, Norris Cattle Company, Ocala; Rock Island, Norris; Major's Make, L and J, Farms, Dothan, Alabama; Vandy Moore, W. R. Brown, Lake City.
1957 stallions (6)—Bar Whiskey, M. E. Tyson, Belle Glade; Roan Kirby, Mrs. Cassandra Kirby, Vero Beach; Burk's Fisher, Mrs. Milfred Murphy, Avon Park; Chief Fox, Norris.
1956 stallions (5)—Poco Kidney, Warren Willse, Winter Garden; Major's Mel, Bill Lester, St. Petersburg; Dusty Tin, Circle 'M' Ranch, Gainesville.
1955 stallions (11)—Misty Balmy (grand champion), E. L. "Geech" Partin, Kissimmee; Misty King (reserve grand champion), William Candler, Jr., Kissimmee; Misty Joe, Partin; King Lauro, L and L; L and L, Major's Cherry, L and L; Bobby's Bonnie, Norris; Unamed, A. F. McDavid, Brooker; King's Paula, Mrs. Nelle Austin, Kissimmee.
1954 stallions (4)—Star Daisy, Mrs. Glenn Murph- py, Avon Park; Dogie Jane, L and L; Norris Sir, Norris; Joe's Buckie, Drew Massie, Polk City; 1953 stallions (4)—Creamo McCain, Mrs. Austin; Dogie Gold, L and L; Fayetta Kirby, Tom Kirby, Vero Beach.
1955 and older mares (15)—Steve's Nita (grand champion), Miss Kathy Morgan, Lutz; Miss Titian (reserve grand champion), Candler; Hot Romance, Preston Wells, Kissimmee; Miss Fire Bell, Mrs. Milfred Murphy;

REBEL MOORE . . . an Alabama entry owned by Frank Willerton of Uniontown, and held by Trainer Chris Achten, was reserve stallion at Tampa, Lakeland.

STEVE'S NITA . . . owned by Miss Kathy Morgan of Lutz, won the Lakeland and Ocala championships but was reserve champion at the Tampa show.

MOORELLA . . . owned by Mrs. Wilda Stalvey of Ocala, who holds her in this photograph, was grand champion mare at the State Fair show in Tampa.

were as follows:

Misty Balmy

1958 mares (6)—Major's Cherry, L and L; Bobby's Bonnie, Norris; Unamed, A. F. McDavid, Brooker; King's Paula, Mrs. Nelle Austin, Kissimmee.
1957 mares (4)—Star Daisy, Mrs. Glenn Murphy, Avon Park; Dogie Jane, L and L; Norris Sir, Norris; Joe's Buckie, Drew Massie, Polk City; 1956 mares (4)—Creamo McCain, Mrs. Austin; Dogie Gold, L and L; Fayetta Kirby, Tom Kirby, Vero Beach;

Miss Titian

1955 and older mares (15)—Steve's Nita (grand champion), Miss Kathy Morgan, Lutz; Miss Titian (reserve grand champion), Candler; Hot Romance, Preston Wells, Kissimmee; Miss Fire Bell, Mrs. Milfred Murphy;

MISS TITIAN . . . another Candler entry, held by Koger, won the reserve grand championship trophy title at Ocala and Lakeland shows.

The Florida Cattlemen
In addition to articles about forage and breeding developments, The Florida Cattlemen (with its own trained staff of agricultural writers) covers virtually every livestock event in Florida. We know of no other cattle magazine in the nation which even attempts this type of complete livestock coverage! (Perhaps that’s one reason why The Florida Cattlemen is the nation’s largest livestock magazine serving a single state.)

REMEMBER!

Only the Florida Cattlemen Reaches Florida Cattle Men

*Our proof for this statement (and advertising information if desired) will be sent on your request.
The Florida Cattleman

The best horse for WORK, for PLEASURE, for quarter-mile RACING. Write...

INTERESTED IN QUARTER HORSES?

The Florida Cattleman

YOUR BEST BUY "BIG CHIEF"

1967 stallions (4)—Bark's Fisher, Mrs. Mildred Murphy; Bar Whiskey, Tyson; Roan Kirby; Ginger's Pay Day, Lowering, Lakeland.
1966 stallions (4)—Rebel Moore, (reserve grand champion), Frank Willerton, Winter Garden; Roy Rojo, Bob Harris, Lakeland; Major's Mel, Lester; Poo Creek, Willise.
1955 stallions (7)—Misty King, (grand champion), Candler; Bahia, Tom Kirby; Misty Joe, Partin; Misty Tom, Wells.
1956 mares (6)—Major's Cherry, L and L; King's Paula, Mrs. Austin; Irish Dixie, Mrs. Bettie Johns, Winter Garden; Pat Hancock, Bartle Brothers, San Antonio.
1955 and older mares (9)—Steve's Nita (grand champion), Miss Morgan; Miss Tiffin (reserve grand champion), Candler; Hot Romance, Wells; Moorella, Stalvey.
Geldings (5)—Florida Pecos (champion), Willie; Wrangler Junior (reserve champion), Barthele; Old Don, Elmer Rude, Jacksonville.

For Best Trade-ins on Saddles See

HERZBERG’S BEST BUY "BIG CHIEF"

Single rigging, wool-lined 14” seat. Rustes, flowered design.

CATTLEMAN'S SUPPLIES
BRIDLES SADDLES

For Best Trade-ins on Saddles See

HERZBERG’S

"Headquarters—Florida Cattlemen"

12 Darlington KISSIMMEE, FLORIDA

CUSTOM MADE SADDLES

David Harness & Supply Co.
516-518 West Adams Street
JACKSONVILLE, FLORIDA

A. H. Thomas

Don’t Miss An Issue!
One Year. $2.00; Two Years. $3.00; Four Years. $5.00

The Florida Cattleman

CUSTOM MADE BALANCED RIDE SADDLES

Floyd Lingle
Box 505
Kissimmee, Florida

Shop at end of S. Clyde Ave.

Today’s farm worker produces food and fiber for himself and 25 other persons. Five years ago he produced for himself and 17 others.

The Florida Cattleman
Rodeos Reported. Slated

Three rodeos have been reported for the month of March, with Davie's event set for March 7-8, the Sarasota Rodeo to be held March 7-8, and the Indian River Rodeo set for March 14-15 in Vero Beach.

Pete Clemens, Davie Rodeo producer, says performances will start at 2:00 p.m. on both March 7 and 8, while the Sarasota County Livestock Association, sponsor of the Sarasota event, reports that their performances will also be at 2:00 p.m. daily at the Sarasota County Fairgrounds.

The fourth annual Indian River Rodeo at Vero Beach will have performances at 2:30 p.m. daily on March 14 and 15 at the Riding Club Arena located at the Vero Beach Air Base. Entry deadline for the event is 10:00 a.m. on March 14.

Good action was reported at both the Winter Haven Rodeo on January 31-February 1, and the Homestead Rodeo held February 7-8.

Winners at the two shows, listed in order by events, with times in parentheses when available, were as follows:

**Winter Haven**
- Bulldogging—Bud Clemons (3.5), Sapp (6.3), Jake Hansen (6.5), Pete Clemens (7.0).
- Bareback bronc riding—Bobby Lyons (170), Pete Clemens (171), R. L. Whidden (170), V. L. Udelchill (198).
- Bull riding—Whidden (181), John Bryan (169), Bob Fender (160), Sonny Burris and Don Boyd (160) (tied for fourth).
- Cloverleaf barrel race—First go-round: Wilda Stalvey (16.1), Jessie Alford (16.4), Cheryl Ma-stall (19.8); Second go-round: Stalvey (18.9), Ma-stall (19.2), Judy Weeks (20).

**Homestead**
- Bareback bronc riding—Jerry Sturh, Lowell James, Chuck Jensen, Gene Carter:
  - Calf roping—First go-round: Foy Reynolds (13.1), Johnny Raben (13.7), Mack Nesmith (14.9), Harrold Mills (15.9), Second go-round: Mills (12.7), Nesmith (13.1), Warren Hunt (13.8), Terry Calderon (14.2); Average: Mills (12.7), Nesmith (29.8), Reynolds (28), Hunt (29.5).
- Saddle bronc riding—Jim Jones, Gene Alberle, Jim Miller, Bud Clemons, Jensen;
- Steer wrestling—Jones, Ted Smallley, Bud Clemons, Stewart Bowker;
- Bull riding—Phil Hienan, Bill Barnes, Ronnie Welch, Carter:
  - Cloverleaf barrel race—First go-round: Sparky Dent (20.2), Helen Mills (20.3), Linda Hatcher (20.4), Jody Reynolds (21); Second go-round: Helen Mills (19), Linda Hatcher (19.1), Sandy Richards (20), Jody Reynolds (20.7). Dent (20.7); Average: Helen Mills (39.5), Linda Hatcher (39.5), Dent (40.9), Jody Reynolds (41.7).

**Volusia Elects**

Elvin Daugharty of DeLand was elected president of the Volusia County Cattlemen's Association during a recent meeting of that group held at the Spruce Creek Ranch in Samsula.

H. E. Morris of Osteen was named vice president and T. R. Townsend of DeLand will again serve as secretary-treasurer. Herbert Anderson of DeLand was elected state director, while Sam Tribble of Samsula will serve as his alternate.

for March, 1959
With Florida Kowbelles Visits
The Owner and Herdsman at
Shuman Farm

At Plant City

by ETHEL HALE STANCIL

Mrs. R. W. (Elizabeth) Shuman and her husband own Shuman's Hereford Farms near Plant City. It is easy to find the Mister out at the ranch, and when Elizabeth can so manage she is there too, though much of her time is spent cashiering at their One Stop Super Market on Highway 92 enroute to Lakeland.

The Shumans have been operating a store for 25 years, starting out with a small establishment in a colored section. Addition after addition came as the business grew until now you can buy anything from a bag of potatoes to a shotgun there. It houses a hardware-grocery-produce-market-barber shop, and dry goods store all in one.

Being on a busy highway they have considerable transient business. A constant drawing card is the ever-present stalks of bananas prominently displayed. Open seven days a week, you'll find them there from 7:00 a.m. until 8:00 p.m. on weekdays and on weekends from 7:00 a.m. until 10:00 p.m. I was surprised to learn that Sundays are one of their big days.

The ranch came into being about five years ago, and was purchased to give the Shumans a place to "get away from it all." In speaking of her husband's love for it Elizabeth says, "He thinks there is nothing like a cow." He bought Elizabeth a new saddle not long ago and she hopes to get it broken in thoroughly soon.

Elizabeth's maiden name was Elizabeth Whitcomb and she grew up in Hawthorne where her parents, Mr. and Mrs. G. L. Whitcomb, still live. Mr. Whitcomb at 71 and Mrs. Whitcomb at 73 are active. Mr. Whitcomb used to operate a store—so being a merchant runs in Elizabeth's blood.

Foreman at the Shuman's Hereford Farms is Clifford Greene. His wife, Claudine, and three-and-a-half-year old Sharon complete the family.

The Greens are from Waynesville, North Carolina, where Clifford worked in the Dayton Rubber Plant. Desiring work out-of-doors they came to the Zellner Ranch at Floral City, where Clifford had landed the foreman's job through family help. The novel part of that was that Clifford didn't know anything about cattle, had never lived in the country and scarcely been there! He started in to learn, however, beginning his study with a short course in animal husbandry. He was an apt pupil, and his learning continues, though less formal, today.

The first few months Claudine (a city girl) spent in the country, she thought scarcely been there! He started in to learn, however, beginning his study with a short course in animal husbandry. He was an apt pupil, and his learning continues, though less formal, today.

For the Kowbelles

A FRIEND has bought hatchets for each of her bedrooms. To scare away prowlers? No. To be used in case of fire—in knocking out windows, etc. This may be a smart thing for all of us to do, especially if our bedrooms are isolated, and if our windows are many-paned.

AN EXPECTANT grandmother, all excited, said, "I never heard of a grandmother sending our announcements but I may just do that, when the baby gets here."

DO you remember when a lady did not dare use the word "bull"? The other day I heard a woman use "male cow" and it started my reminiscing. On Saturdays the country folks used to go to town, stand around and talk after their shopping was done, or sit and watch the people go by. Now Saturdays is no more of a shopping day for them than any other and as for time to stand around and sit and watch the people go by—they don't have any!

TRY WARMING over left-over cornmeal muffins this way. Dip them quickly in hot water, heat in a slow oven. Or wrap them in aluminum foil and warm. The latter method will leave them steamy soft and truly as good-as-fresh.

It is important to keep laundry supplies away from foods too. My sister mixed a batch of "milk" from powdered starch thinking it was powdered milk! She realized just in time what she had done, and stiffened her clothes with it.

We might say, "Do what you mean and mean what you do."
**Vet Briefs:**

**Over-Eating Disease Danger**

This disease has been reported with increasing frequency from the Kissimmee laboratory. It is a relatively newly recognized condition in cattle, although it has been known in sheep for some time. It is called “over-eating” disease of sheep and is seen in feedlots and in lambs nursing ewes on lush pasture.

The condition is caused by toxins produced by a bacterial organism (*Clostridium perfringens*) growing in the intestinal tract. This germ is frequently found in the intestinal tracts of normal cattle and is thought to become toxic due to the production of favorable growth characteristics frequently brought on by the nature of the feed or by over-eating. The disease is more frequent in calves, but is also seen in older animals, especially feedlot cattle.

In many cases there are no symptoms observed and animals that had shortly before been noted to be eating or otherwise normal are found dead. Occasionally, symptoms of an animal going off feed and becoming weak or listless or showing signs of abdominal pain will be noted. Diarrhea that may be bloody is seen in some cases of an advanced nature. Temperatures usually are normal or subnormal and the animals are sick only from two to 24 hours prior to death.

Frequently, at autopsy, a highly inflamed condition of the lower part of the small intestine may be noted. However, this lesion is not constant.

The symptoms and lesions noted in this disease are seen in several others and must be differentiated from such diseases as acute anaplasmosis, anthrax, copper poisoning, nitrate or other chemical poisonings, and certain plant poisonings. Anything that produces sudden, unexpected deaths can be confused with enteroxemia.

In cases in which the symptoms and lesions are typical, your veterinarian can make a diagnosis promptly. Otherwise, laboratory tests are necessary to confirm his suspicions of this disease.

Few animals are noted in time to be effectively treated against this condition but some preventatives are available.
CLASSIFIED

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WANT TO SELL? Classified ads in this section can be bought for 15 cents per word, as low as $2.00 per month, with circulation to 65,000 readers of The Florida Cattlemans. Write The Florida Cattlem, Box 891, Kissimmee, Florida.

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LOOKING FOR A RANCH—for the best, ask Bill Thach, Southern Colorado Land & Livestock Company, Bank Bldg., Walenburg, Colorado. 359f


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Box 891, KISSIMMEE, FLORIDA
The Florida Cattlemen

(Continued from page 92) out at her. Now—her present home sets back 90 yards from the road—she loves the quietness.

Sharon is a real country girl, loving every aspect of ranch life. Her mother says, "So intense is her love of the cattle and so unafraid is she of them that I believe she'd get right on one if we'd let her."

Sharon is in the saddle of ranch activities, as when the men were running a new pipe line near the house. She covered it nearly as fast as they laid it, helping.

This other day, when Mrs. Shuman called, Sharon got into her pocketbook—ever fascinating to little girls! She put a speck of every variety of cosmetic she could find therein on herself and then asked demurely, "Ain't I pretty?" She loves to dress up in grown-lady clothes and one day asked her mother to "paint me like an Indian." After the big job was done, she looked at her reflection in a mirror and remarked, "Don't I look so-o-silly?"

One day Sharon found gum in Mrs. Shuman's purse. After that she hastens to inquire, "You have any chew gum to-day?"

Mrs. Greene likes to cook. Beef is a family favorite though she adds, "Homemade beef is a special, so you can scarcely eat store-bought . . . everyone who can surely should raise and butcher his own. It suits him and down-right goodness is unsurpassed."

Most disliked job—defrosting the refrigerator. Automatic one? She has heard even they must be defrosted every two or three months, and wonders (as is) when she'd get around to soda-bathing and cleaning thoroughly if she had that type. She loves to wash and hang out clothes, but, please, not iron 'em.

The Greenses hope to have a big family. She has seven brothers and five sisters and knows the values to be learned from the closeness that binds such a family.

"When you have only one child, as we have now," she says, "you are afraid something will happen to her. You don't want her to do this—or that—activity which probably is perfectly normal, because you fear—and you hamp her."

State Fair Dairy

(Continued from page 86)

Apopka: Junior yearling bulls (1)—AJR Grenadier Sovereign (grand champion, junior champion); Rusterholz.

Heifer calves (6)—AJR Grenadier Maude, Rusterholz; Grenadier Maude, Rusterholz; J. F. Seid; J. F. Seid; J. F. Seid; J. F. Seid.

Dairy calves (6)—AJR Grenadier Snow Bev, Rusterholz; AJR Grenadier Sunny Linda, Rusterholz; Floridiana Islander, Rusterholz; Floridiana Islander; Floridiana Islander; Floridiana Islander.

Senior yearling heifers (5)—AJR Ajax H. Lacy (junior champion); Rusterholz; AJR Grenadier.

Kowbelles

(Continued from page 59)
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Barge Lines, Inc.
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Through Barge Service

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EDITORIALS

"Willing Buyer, Willing Seller"

WE’RE ADVISED that the state’s new Manual for the guidance of Tax Assessors reiterates the classic position of determining “full cash value”—it’s the price that a willing seller can get when a willing buyer is available.

But determining that level of value is a whole lot more difficult than just watching the newspapers and clipping the land transactions reported therein!

For example, how does the tax assessor determine the value of 2000 acres of pastureland sold for $200 an acre on which $10,000 was paid as a “binder” and nothing further paid? Here you had a willing seller, and a willing buyer—but the latter just didn’t have the money to complete the purchase (or, more likely, he was just hoping to unload the deal on someone else at a few dollars more per acre!)

Or how does the tax assessor handle the 10,000 acres which sold for $150 an acre, with a proviso that various portions would be released on payment of certain sums? After the first such amount is paid, and the first portion released, the rest of the property returns to the original owner. This is another situation where you had a willing seller and a willing buyer—but the buyer was willing to buy only 500 acres, not 10,000, when the chips were down!

It seems to us that the present policy in some counties is to keep raising land assessments until the owner is forced to sell. Obviously, this has its dangers. One of these days, as happened in the late 20’s and early 30’s, the owner will be unable to pay his taxes, a buyer (at any price) won’t be available—and the county will end up with no taxes and land for which it has no use!

We recommend assessment of agricultural land at its full cash value for agricultural purposes as a sound method of avoiding a repetition of the land chaos which paralyzed Florida in the 30’s.

A New Philosophy on Steer Shows

FATTENING a steer for show can be a first-rate educational experience for a youngster. It can teach him regularity in his habits and love for animals. In many cases, it is a project in which the whole family can take an interest. It’s a constructive occupation for a 4-H or FFA member, boy or girl.

But we have been shocked time and again at the mistaken idea of values which our present system of steer shows builds in some children—and in some of their parents as well.

We’d like to take this opportunity to point out that there is absolutely no reason for any youngster to expect more than a modest premium over commercial beef prices for his club steer. In the case of the recent sales at Ocala and Tampa, an average of 33-34 cents a pound would have been five cents a pound over the market for U.S. Good steers. If a youngster received this price for his steer, and his steer weighed 900 pounds, shrunken weight, he has received a “gift” of approximately $45 from the buyer—a sizable donation!

Certainly we wouldn’t want to discourage producers from paying as much premium over market as they want to. However, we’d like to suggest that the operators of Florida’s fat steer sales would be doing a service to our farm youth if they guaranteed some set premium on club steers, and emphasized that no more should be expected. Under such a plan youngsters with little experience would be discouraged from buying overly costly feeders and from feeding them with overly costly feed.

Let the champions go as high as the buyers are willing to pay—the higher the better! But let’s train our youngsters to feed cattle in an economically sound manner—not to expect a price that will protect them against their errors, no matter how costly!
FEEDING RESULTS PROVE P.D.Q.

MINERAL-VITAMIN-PROTEIN SUPPLEMENTS are the cattleman’s answer to many of his everyday nutritional problems.

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What would you give right now to have a pasture of high protein forage? Your SUPERIOR REPRESENTATIVE can show you how you can put in just such a pasture and in most cases the benefits far outweigh the costs. Put your cows in better condition; get more rich milk; make the calves grow-off faster; get more beef gain.

Call your SUPERIOR REPRESENTATIVE today. He'll tell you all about temporary summer forage crops—and don't forget to ask him about Superior's Special 10-10-10 PELLETIZED Pasture fertilizer. It's the highest formula PELLETIZED fertilizer available commercially today!

CITRUS CORNER:
If you haven't yet applied your spring fertilizer, by all means get busy. With young fruit just getting started fertilization is very important. If you've cut back on minor elements in recent applications, this might be a good time to check with the Superior Representative. Be certain to check your pH Values.

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How would you feed a BEST OF BREED?

The following information concerning dairy rations is quoted from noted nutrition expert, Arthur F. Rolf, Eastern Feed Merchant columnist:

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'It will immediately be noticed that all above ingredients, except CITRUS PULP and crimped oats, are relatively low in TDN.'

The comparison had been established that for each ten pounds of feed of high TDN content, a cow must eat twelve to eighteen pounds of low TDN content feed to get an equal quantity of TDN. Even then, the quality of the TDN values would be less."

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THE SUNSHINE FEED FOR CATTLE
The Florida CATTLEMAN and Livestock Journal
March, 1959, Extra

Robert S. Cody
Editor

William A. Gephardt
Executive Editor


Address Correspondence to: Box 891, Kissimmee, Florida. Phone TL 6-7401.

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The Cover for March, 1959, Extra

GRAND CHAMPION Jersey at the State 4-H Dairy Show is proudly exhibited on this cover by Ernie Fischer of Windermere, who also won the fitting and showmanship competition, and had the best Jersey bred by exhibitor. Here he's shown at halter with County Agent Al Cribbet, left, and his mother and father, Mr. and Mrs. Edward E. Fischer.

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Extra for March, 1959

From the 1957-58 DHIA Summary, issued February 1959:

"The State DHIA average (production per cow) was 1958 pounds above the 5220-pound average of all cows kept for milk in Florida in 1958 . . . More of the DHIA herds were fed silage than the state herds as a whole. It amounted to an average of two tons silage and 853 pounds hay per cow."

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PIONEERED THE HARVESTING OF HEAVY FLORIDA GRASS AND FORAGE FOR MAKING SILAGE!

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HEAVY-DUTY OFFSET CHOPPER
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Remember!
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We Stock a Full Line of Parts At Our Kissimmee Warehouse
**Florida’s Dairy Business**

**It’s Big and It’s Growing**

The dairy business means $178 million each year to Florida. That’s what the Florida Agricultural Extension Service estimates is the gross amount paid by Floridians for their dairy products—and it’s a very sizable part of Florida’s total income from agriculture and related industries.

Figures furnished by C. W. Reaves, extension dairyman, show this breakdown:

- Received by dairy farmers for their raw milk and for their beef, $88 million annually;
- Received by distributors above the cost of the raw milk, $61 million;
- Received by retailers above the cost of the dairy products to them, $15 million;
- Received by restaurants and other eating places on dairy products, over and above what they paid, $14 million.

Florida now has 214,000 milk cows (an increase of 4.4 percent since January 1, 1958) and the production per cow during 1958 was 5220 pounds per year (a slight decline from the previous year’s figures, attributed to the very adverse weather during the first quarter of 1958).

Total milk production during 1958 was 1.117 billion pounds—the second straight year that Florida milk production soared over the billion pound mark!

**Keeping Records Not Expensive**

Is your milk production per cow increasing as fast as the state’s average reported in the accompanying article, Mr. Dairyman? If not, THE CATTLEMAN calls to your attention the fact that much of this increase has occurred since the Florida Extension Service started pushing the Dairy Herd Improvement Associations and Artificial Breeding Associations right after World War II.

C. W. Reaves, extension dairyman of Gainesville, reports that some dairymen have an exaggerated idea of the expense involved in keeping dairy records. Those who wish to by-pass the more detailed records required by DHIA standards may use the simplified, low-cost-system known as the weigh-a-day-a-month plan (WADAM), Reaves points out.

In this plan, the dairyman simply weighs the milk of each cow, morning and night, one day each month, and enters the figures on a form supplied to him. He records the dates each cow freshens and goes dry, as well as purchases, sales and deaths of cows. He may also include herd feed records.

These forms are mailed to his local county agent’s office, or a designated computing service, where the records are calculated and returned to him each month.

The resulting records are unofficial, and cannot be used in national sire-testing programs, but the dairyman has the information he needs to cull low-producing, unprofitable animals, Reaves points out.

**Rusterholz Is DHIA Topper**

Florida’s Dairy Herd Improvement Associations—as is well known—make allowance for individual differences by comparing records on a uniform basis of four percent fat-corrected milk.

Using this method, 23 herds in Jackson, Duval, Pioneer, Orange, West Coast, and South Florida DHIA’s averaged 8000 pounds or more for the most recent herd testing years ending during their respective association years, according to Extension Dairyman C. W. Reaves of Gainesville.

Rusterholz of Apopka, who milks Holsteins and Jerseys, came up with a Florida DHIA record of 10,039 pounds of milk, testing 4.02 percent on 404 pounds butterfat.

Using the four percent fat-corrected basis, Rusterholz’ production is shown as 10,076 pounds average during 1957-58—and on this basis he has the fourth highest Florida all-time record, the following: Walter Welkener of Jacksonville (registered Jerseys), with 11,456 pounds on the fat-corrected basis in 1949-50, C. L. Ward and Son (registered Guernseys now owned by C. L. Ward, Jr.) with 11,213 pounds in 1951-52, and Welkener with 10,949 pounds in 1950-51.

Reaves points out that DHIA cows averaged 7078 pounds of milk, 4.3 percent test, during 1957-58 year—36 percent above the state’s average of 5220 pounds. They are 20 percent more efficient in feed conversion than cows producing at the level of all herds in the state. Incidentally, more DHIA herds were fed silage than in herds as a whole in the state. DHIA feed cost records include the cost of growing pasture, silage and other home-grown feeds, Reaves notes.

While these figures show the size of the dairy business, and something of its growth over a one year period, the comparisons from the mid-30’s are positively startling:

In 1935, 104,000 cows were milked by Florida dairymen—but the average produced per cow was only 2780 pounds, so total production was only 290 million pounds. The 1958 figures given above show an increase in the number of cows of 104 percent and an increase in the production per cow of nearly 88 percent, with an increase in total milk produced of over 285 percent!

The extension service notes that the Dairy Herd Improvement and Artificial Insemination associations (sponsored by the extension service throughout the state) have played a big part in this improvement. For example, in 1945 only 1400 head were on DHIA test, compared with 20,923 in 1957, and where no cows were artificially bred in 1945, 51,095 were in 1957!

USDA’s Agricultural Marketing Service recently published a state-by-state ranking on average milk production per cow, comparing the period 1940-44 with the years 1955-57.

Florida’s average production in 1940-44 was only 3630 pounds per cow per year—but it had increased 42 percent to 5737 pounds average during 1955-57.

This was the largest percentage increase in the nation, except for Indiana and Ohio which showed increases of 52 and 44 percent each.

Florida’s average production is now 31st among the 48 states in the continental United States, ranking above every other southern state except Virginia (whose 5297 pounds per cow places it only one rank higher).

Dick Stark of the State Marketing Bureau at Jacksonville adds these comments on the Florida dairy business:

“Florida’s 771 dairy farmers produced and sold 114,982,590 gallons (please note that earlier figures were in pounds) of milk during 1958 which brought them $68,234,813.94. 106,306,851 gallons of this milk went in Class I, 7,731,057 gallons as Class II and 94,682 as Class III. The average blend price for this milk during the year of 1958 was 59.34 cents per gallon, and the average butterfat test was 4.1 percent.

“Florida dairy farmers imported 34, 498 dairy cows during 1958, which was 770 less than were imported in 1957. 682 dairy cattle were exported from Florida in 1958, against 787 in 1957.

“Florida was one of only five states which increased milk cow numbers in 1958... The number of dairy cows in the United States as a whole decreased 627,000 head during 1958, a three percent drop. Value of dairy cattle in Florida increased from $28,990,000 to $36,270,000 during the year.”

The Florida Cattleman
WHICH PROVED BEST BY TEST?

9,657 lbs. of milk
Ordinary dairy feeding program... or... Larro SureMilk program...

13,332 lbs. of milk

Records show the Larro SureMilk program helps cows produce up to 38% more milk than ordinary feeding methods.

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This great breeding bull was grand champion at the Florida State Fair, Jacksonville Fair and Tallahassee Fair. His junior get-of-sire was first place winner at the three above named shows. He was nominated for All American honors for aged bulls during last year.

1958-1959 SHOW WINNINGS

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Federation Hears Bang’s Report

DEADLINE for conversion of dairy herds from Bang’s Eradication Plan D to Plan E or A will be extended from January 1, 1960, to May 1, 1960, directors of the Florida Dairy Farmers Federation were informed at their meeting in Gainesville February 24.

That was the recommendation of the Brucellosis Advisory Committee to the Florida Livestock Board after a conference with dairymen in Tampa in mid-February. An extension in the deadline was a major effort of the Federation, due to the effect it could have on milk producers in mid-winter when demand is normally high.

Conversion will mean that all adult vaccinates must be retested—and, if positive, would have to be slaughtered.

Slaughter in May would help relieve surplus milk problems usual at that time of year, and would allow dairymen to receive the peak of the beef market for their reactors.

Directors approved the report from I. H. Owen, Jr., of Jacksonville, the Federation’s representative to the Livestock Board, then voted to obtain further information on Plan E Bang’s Regulations from Dr. C. L. Campbell, state veterinarian.

FLB is also being asked to have personnel available to run blood tests to find carriers of anaplasmosis, by vote of directors.

$500 maximum was appropriated to aid in the University of Florida’s Field Day, and a request made that a time be set during the program for dairy association meetings. Bob Hall of Miami was appointed chairman of a committee to assist University officials in making field day plans, with Jim Carr of Jacksonville, Truman Smith of Tampa, and Chris Jensen of Ocala as committee members.

The president was authorized to secure legal help and offer any other assistance possible to producers affected by the effort to take the Tallahassee area out from under the Milk Commission supervision.

A discussion of promotional activities resulted in: (1) Approval of the publication of a brochure outlining the Federation’s policies; (2) Endorsement of the “Extra” edition proposed by THE FLORIDA CATTLEMAN, official publication of the Federation, as a means of acquainting dairy farmers and legislators with the objectives of the Federation.

AMERICANS USED non-fat dry milk at record breaking levels during 1957, consuming an average 5.7 pounds per person during the year. This represents a three-fold increase over per capita consumption in the pre-World War II years.
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The original and only automatic milk weighing and sampling device approved for all Official Herd Testing.
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JACKSONVILLE MIAMI TAMPA ORLANDO
FDFF Seeks Eased Calf Slaughter, Milk Commission Changes, from Legislature

A constructive program of legislation is being proposed by the Florida Dairy Farmers Federation for consideration by the 1959 legislature.

Recommendations of a six-man committee headed by Dr. James Acree of Jacksonville have been endorsed by the federation's board of directors. The program will be presented to the legislature by the Federation's Executive Secretary, W. E. Bishop of Lake City.

The program in brief is as follows:

1) Livestock Board—An amendment to the meat inspection law is proposed, providing that rules for slaughter of young calves be changed to jibe with the federal meat inspection laws on the same subject—which will allow slaughter of calves before they are 28 days old in some instances. FDFF also has endorsed its transfer to the Agriculture Department.

2) Taxation—The Federation's position is that agricultural land must be assessed at its value for agricultural purposes, or some dairymen will be taxed off land.

3) Sanitary Inspection—FDFF wants inspection of dairy farms to remain under the State Department of Agriculture, not transferred to the Board of Health.

4) Milk Commission—For the time being, the Federation opposes transferring the Florida Milk Commission to the Department of Agriculture, but is recommending several changes in the milk commission law which will make it better able to do its job, and will provide more protection to dairy farmers.

Members of the legislative committee, in addition to Acree, are: Prue Shirley of Tampa, Jack McMullen of Clearwater, Joe Pereno of Miami, Hilton Teal of Winter Garden and Bill Cammack of Geneva, president.

Provisions of the milk commission law have been given particular study, with a view to making that agency better able to do its statutory job, and to protect producers against unfair distributors.

For example, the commission now (by order) requires a distributor to show "just cause" before he can cut off a producer. FDFF wants that provision made part of milk commission law to "give permanence to an order that has brought a degree of security" to dairymen.

Another provision would be aimed at any coercion which might be used to take an area out of milk commission control, such as was talked when extreme West Florida was removed from the commission last summer. This change will require that at least 25 percent of the dairy farmers must petition to be removed. After which the commission would hold a referendum and the removal would have to be supported by at least 51 percent of the producers, representing at least 51 percent of volume. This same procedure would be followed by an area wishing to come under the Commission.

The most important provisions, however, from the dairy farmers' standpoint, are: (1) that a butterfat testing program be initiated and supervised by the Commission, since butterfat content is the basis for milk prices; (2) That a CPA audit be made of each distributor's plant at least once each year, to assure each dairy farmer that he is getting every dollar he has coming for his milk.

The Federation also favors retention of the present milk pricing method under which price is set according to cost of production plus a fair return. Research is needed to establish this level.

To finance these additional services, FDFF is willing that the milk commission assessments be increased to a maximum of 2/10 cent per gallon (with any increase to be made following public hearing at which actual need must be shown). It is certain that some additional funds will be necessary to finance the butterfat testing, annual audits, and studies into production costs.

Other legislative proposals for the milk commission provide: that the Administrator be employed by the Commission (at a salary to be set by them), rather than by the Governor as at present; that the present power of the Commission to set retail prices be retained in the law, as a means of stopping price wars which might threaten the price to dairy farmers; that Commission members be appointed to staggered terms, to improve continuity of the Commission; and (so that the milk commission order will no longer be able to suggest their own fines) that revocation of license, or fine not to exceed $50 per day from date of infraction, begin until it ended, be set up as penalties in the law.

BORDEN in Tampa has broken ground for a new $2 million plant in Drew Park and has also signed a contract with the Teamster's Union which is expected to set the pattern throughout the state.

George Harlan of Borden is quoted as saying that the new pay scale makes Borden employees the highest paid dairy workers in the area.

Jersey, Holstein Breeders Meet

Both the Florida Jersey Cattle Club and the Florida Holstein-Friesian Club held meetings in Tampa during the Florida State Fair, with election of officers being the main item of business on both club agendas, and an upcoming sale occupied much of the discussion for the Jersey group.

With President Bill Cammack of Geneva presiding, the Jersey directors decided to have Chester Folck and Son of Springfield, Ohio, handle the sale management chores for the club's annual sale. It was also decided that the sale will be held in Orlando on Thursday, September 10.

Jim Cavanaugh, executive secretary of the American Jersey Cattle Club, was present at the meeting and told the group of the national organization's promotional efforts, including its "All-Jersey" milk production and marketing program.

Cammack also appointed two committees during the meeting. Miss Betsy Pennington of DeLand was named as chairman of the promotion committee, with Bill Judge and Al Cribbett, both of Orlando, being named to serve with her.

At a later meeting in Orlando, directors approved a yearly advertising budget for the Florida Cattleman. The club's finance committee is composed of J. K. Stuart of Bartow, chairman, Chester Skinner and Ted Alvarez, both of Jacksonville, and Frank DeBord, Jr., of Quincy.

Holstein members re-elected their officers for another term during their Tampa meeting. They include: A. J. Rusherholz, Jr., Apopka, president; Herman Boyd, Miami, vice president; and Kent Price, West Palm Beach, secretary-treasurer.

Bob Kane, southeastern field representative for the American Holstein-Friesian Association, told the group that, with the advent of artificial insemination, today's dairy breeder has a great responsibility to see that the animals he is breeding are not passing on such things as recessive genes. He said that 47 percent of dairy animals registered in the nation last year were artificially sired, and also reported that Holsteins represented 57 percent of all the dairy cattle that were registered last year.

C. W. Reaves, extension animal husbandman with the University of Florida, also gave a report to the group on Holstein production testing in Florida.
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FLORIDA
Loss Leaders Threaten Independents, FMC Told

Orders okayed by Milk Commission to take care of plant surplus, military milk, problems at March meeting

CUT-RATE MILK, sold in chain stores as loss-leaders, coupled with the discounts offered by distributors, are destroying the retail milk delivery business in Jacksonville and will eventually force independent distributors out of that market, Chester Skinner of Sunnybrooke Dairy in Jacksonville told the Florida Milk Commission at its Tallahassee meeting April 12.

Skinner, who said he represented 75 percent of the independent distributors in the state, handling about 50 percent of the milk, was supported in his statements by John Hood of Hood's Dairy, Bradenton, Charles Coble of Velda Dairy, Tallahassee, William Hale of the T. G. Lee Dairy in Orlando, and others.

Elbert "Bill" Cammack, president of the Florida Dairy Farmers Federation, said that his board of directors had recognized loss-leader sales as a producer problem, also, and would support any reasonable solution, short of retail price controls, which would stop them.

Result was appointment of a committee of distributors, producers and commission members which will attempt to propose a solution at the pre-legislature commission meeting on April 2.

Bob Carter of Jacksonville, who represents the State Board of Health on the Milk Commission, suggested that the board set a minimum retail price of 150 cents of the producer price, or about 46 cents per half-gallon at present prices, and presumably this suggestion will be considered by the committee.

Skinner, however, declared that his cost of selling in bulk stores is 50 cents per half-gallon. The retail chain store prices in Jacksonville now range from 41 cents to 53 cents a half-gallon, he said.

Agreement was reached by the commission on a solution to the military milk question, and to the problem of transferring milk which is in excess in one plant to another which may be in short supply in the same or a nearby marketing area. A formally-worded order will be presented at the April 2 meeting, providing substantially as follows:

1) All milk in excess of 105 percent (or thereabouts) of Class I milk in any plant will be reported to Milk Commission Administrator Howard Walton, who would have authority to transfer it to the nearest plant having a higher utilization for it;

2) Producers must vote by secret ballot under commission supervision in any plant wishing to bid on military milk. (If producers vote down the idea, the plant may still supply this milk from outside sources, if no milk in excess of Class I needs is available in its plant.) Minimum military milk bid would be 55 cents per gallon, with producers receiving 40 cents, plus or minus a butterfat differential starting at 3.5 percent, and distributors receiving the rest. If total price is above 55 cents per gallon, producer and distributor would split any overage over the basic prices named.

In other action, Chairman Brailey Odham appointed Walton, Wilmer Bassett of Monticello and Dr. James Acree of Jacksonville to work out a plan to shift producers from one plant to another in case of extreme hardship.

Members of the committee to study price-cutting practices are: Carter, Acree, Bassett, Jackson Logan of Tampa, Skinner, Hood, Hale, James Laher of Miami, W. E. Bishop of Lake City, John Sargeant of Lakeland and Cammack.

Boutwell-Matheson Cow Wins

BOUTWELL-MATHESON, Inc., of Stuart has won the Sergeant Memorial Trophy for the highest butterfat record made by a Florida Guernsey cow on official test completed during 1958, reports C. W. Reaves of Gainesville, extension dairyman and state superintendent of official testing.

While award was based on the 305-day, twice daily milking (mature equivalent to make all records comparable), Keene's Alicea of Barret Farms made her actual record in 365 days, three times daily milking, as a nine-year old. It was 15,993 pounds milk, 5.5 percent (874 pounds) butterfat.

Trophy is given by John B. and J. C. Sargeant, Jr., of Lakeland, in memory of their father.
Helping you get more milk at less cost

Every bag of MoorMan's Mintrate* for Dairy Cows is backed by research...research with one idea in mind—to make more milk come out of a given amount of feed.

To do that job—and do it well—takes not only manpower of the right sort, but also the proper facilities. That's why MoorMan's has a research staff of 56 men—all of them highly trained in the science of developing greater feed efficiency. And backing up these scientists are not only exceptionally well-equipped research laboratories, but three research farms—a total of 1,090 acres.

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That is why your MoorMan Man can say with confidence that MoorMan's Mintrate for Dairy Cows will help you produce more milk for less cost. He knows that to be true—just as dairymen, all over Florida, who have made Mintrate a part of their ration have proved to themselves that it is true.

Ask your MoorMan Man to show you how dairymen are cutting production costs, increasing feed efficiency and helping cows last longer—with Mintrate. Moorman Mfg. Co., Dept. X94, Quincy, Illinois.
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Rt. 1, Box 299, Miami 44, Fla.

or write directly to

FLORIDA HOLSTEIN-FRIESIAN CLUB
531 North Military Trail
West Palm Beach Florida

COMMENTS from the Editor

A Comment on the Milk Commission
From the Dairy Farmer Standpoint

WE'VE BEEN privileged in recent months to sit in with the sincere, well-qualified milk producers who make up the board of directors of the Florida Dairy Farmers' Federation.

We've heard them discuss the problems they face. And we've seen how highly important the Florida Milk Commission is to the individual dairy farmer. This agency, which is being run strictly in accordance with the law under which it was created many years ago, assures every producer and distributor of a "fair shake"—and it assures the public of a fair price for the milk it buys, too.

The Federation doesn't want to see the Milk Commission put into the State Department of Agriculture at present. It favors more study on the matter. We think that's reasonable—because the Commission is functioning well right now, and any change might interrupt some of the programs on which it is now working.

So that the Commission can do an even better job, the Dairy Farmers' Federation proposes that the present milk commission law be amended to allow them to assess up to twice as much as they now receive from producers and distributors.

The extra money will enable the commission to: (1) Conduct with the University of Florida a continuing survey on the cost of producing milk; (2) Secure CPA audits of all distributors at regular intervals; a procedure which would make it more difficult for a distributor to take advantage either of another, less powerful distributor, or of a producer; (3) Establish a butterfat check-testing program.

There's certainly nothing wrong with the state providing the mechanism to protect the little fellow from the big one: the Sherman Anti-Trust Act, the Wage and Hour Law, dozens of other state and federal laws, all exist for this purpose.

Promotion of Agricultural Products—Milk Included—is Becoming More of a "Must"

WE'VE BEEN unable to understand why some beef cattlemen have opposed the Beef Council program on grounds that it "wouldn't do any good." The same thing, probably, is happening among dairymen, though we haven't personally heard it.

Modern communications being what they are, and the evidence of what promotion has done for other products being all around us, we think the argument is not a valid one.

In other words, there is no question at all that more promotion can sell more milk, just as it can sell more cars, more apples—and more printing. The only limiting factors are the quality of the product being sold, and how essential it is to the potential buyer.

Milk, as produced in Florida, is certainly a quality product. It is one of the best balanced, most palatable foods produced. It is definitely "advertisable!"

Since promotion of this kind can be handled most economically on a national basis, we're glad that Florida dairymen are now participating in the national milk promotional efforts of the American Dairy Association, through their own Florida affiliate which will also handle local promotion.

This Dairy "Extra" Has a Purpose: We Want Legislators and Dairymen Informed!

GETTING STRAIGHT, honest information to the livestock producers of Florida is the purpose of THE FLORIDA CATTLEMAN AND LIVESTOCK JOURNAL. It's a job we've been doing to the best of our ability for more than 23 years now.

This "Extra" edition of THE CATTLEMAN, which goes to all our subscribers, regardless of whether they are dairy farmers or beef producers or swine men or horse men, is being published with two particular purposes:

(1) We want everyone to clearly understand what the Florida Dairy Farmers' Federation (for which THE CATTLEMAN is official publication) is, what it stands for, and what it is advocating in the legislature.

(2) We want all segments of agriculture and all state officials to be aware of the importance of the dairy industry to our state.

To stress these points, we have decided to publish this number as an "Extra" instead of as part of our April issue. Thus it will join a select group of five extra editions which THE CATTLEMAN has published since it was founded back in 1936.

The Cattleman Carries Dairy Information Every Month: We hope You'll Look for It!

WHILE IT'S our hope that this dairy "extra" will make somewhat of a "splash," this is far from the extent of the dairy coverage this publication is now providing.

Each month, THE CATTLEMAN carries the newsletter of the Florida Dairy Farmers' Federation, plus several columns of additional information about dairying. (This is the only monthly dairy coverage available in the state.) A larger, more complete dairy section will appear four times yearly under present plans—in conjunction with the June, September, December and April issues of THE CATTLEMAN.

We'd like for you, as a dairymen, to keep up with our dairy coverage. And we believe you'll find the general livestock information carried in other parts of the magazine of interest and value, too.

Needless to say, your comments both on this "extra" and on our regular dairy coverage will be whole-heartedly appreciated!
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- This is the same investment that dairy farmers
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Producers in other states who ship to cheese, butter,
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the folks who buy your product.
Making consumers dairy foods conscious at the lowest
possible cost.

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Jerseys

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Yes, Jersey breeding has been prominent in Florida dairy herds for many years—because the Jersey has proven itself so well adapted to Florida's climatic conditions. For hardy, insect-, heat- and disease-resistant, good producing dairy cattle, strongest on butterfat content, it's Jersey's every time!

Congratulations, 4-H'ers!

ERNEST FISCHER, Orange County 4-H, showed the grand champion Jersey cow at state 4-H Dairy Show in Orlando, then went on to win the highly-competitive showmanship and fitting contests, and the best Jersey bred by exhibitor.

ALBERT MAGILL, Duval 4-H, showed the reserve grand champion in Junior Jersey competition.

POLK 4-H MEMBERS, Kathy Stuart, Diana Garrett and Caroline Stuart—all showing Jerseys—won the competition for the best county group.

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4-H'ers Show at Orlando

In Annual Competition

The "cream" of Florida 4-H dairy cattle—140 strong—were exhibited at the twelfth annual State 4-H Dairy Show held at Orlando as part of the Central Florida Fair—with Jerseys, Guernseys, Ayrshires, Holsteins and Brown Swiss included.

The top winners were as follows:

Ernest Fischer of Orange County, who showed Beacon's Jester of Dairyland to the Jersey grand championship (see cover), then won the fitting and showmanship contests, and for good measure, also showed the best Jersey bred by exhibitor;

Polk County 4-H'ers, who won the best county group award;

Orange 4-H members, who topped the dairy judging contest, and Raymond Bailey of Dade, the top individual judge.

Breed grand champions, in addition to Fischer's entry, were:

The Guernsey, Linda Lee Farms Shirley, shown by Dennis Diaz, of Hillsborough;

The Ayrshire, Trans-Vale-Royal Jewel, shown by Tony Vernon, Hillsborough;

The Holstein, Double C Mary Paycheck Lad, an entry of Harold Price, Palm Beach;

The Brown Swiss, G. F. Nathan Janet, shown by John H. Causey, Jr., of Palm Beach;

Grade champions, including entries of:

Barbara Forshee, Duval (Jersey); Arnold Jones, Nassau (Guernsey); and Leslie Wittenwyler, Dade (Holstein).

Dean Emeritus H. H. Kildee of Iowa State and J. D. George, dairy specialist at North Carolina State, judged.

Blue ribbon winners, with number of entries in parentheses were:

Registered Jerseys

Heifer calves (7)—Mary Frances Fischer, Orange; Ray Bissett, Polk; Robin Alvarez, Duval; Joey Forshee, Duval;
Junior yearling heifers (13)—Kathy Stuart (junior champion), Polk; James Lee Smith, Hillsborough; Ralph Taylor, Volusia; Charlotte Lee, Polk; Joyce Hardy, Orange; Xonnie Swanson, Orange;
Senior yearling heifers (4)—Diana Garrett, Polk; Joseph Black, Duval; Larry Saum, Polk;
Two-year-old cows (7)—Dorothy Fish, Duval; Jeanette Foote, Orange; Ernest Fischer, Orange; Anne Prator, Nassau;
Three-year-old cows (3)—Ernest Fischer, Mary Frances Fischer;
Four-year-old and older cows (8)—Ernest Fischer (grand champion, senior champion, best bred by exhibitor); Albert Magill (reserve grand champion); Jeannette Foote; Caroline Stuart, Polk;

Grade Jerseys

Heifer calves (6)—Barbara Jo Forshee (grand champion, junior champion), Duval; Lee Drewsky, Duval; Mickey Ramsey, Flagler;
Junior yearling heifers (7)—James Balcom, Duval; Michael Gaines, Duval; Albert Magill; Flynn Demonson, Flagler; Johnny Simpson, Flagler;
Senior yearling heifers (3)—Johnny Page, Nassau;
Two-year-old cows (4)—James Balcom (reserve grand champion, senior champion); Albert Magill (reserve grand champion);
Four-year-old and older cows (2)—no blues;

Registered Guernseys

Heifer calves (6)—Barbara Ward, Orange; Tommy Edge, Orange;

HOLSTEIN ... champions at the State 4-H Dairy Show at Orlando were shown by Harry Lyons, left, and Harold Price.

AYRSHIRE ... champs were exhibited by Jane Vernon, left, and Larry Hiatt. All pictures were taken by Extension Service.

The Florida Cattleman
GUERNSEY honors were taken by Dennis Diaz, who showed both champs, pictured above in official Extension photo.

Junior yearling heifers (6) -- Janice Ward (junior champion), Orange; Chipper High, Marion; Fred S. Griffin, Polk; Leslie Diaz, Hillsborough.

Senior yearling heifers (4) -- Jackie Platt, Orange; Robert Chason, Duvall; Max Beebe (best bred by exhibitor), Palm Beach.

Two-year-old cows (5) -- Dennis Diaz (reserve grand champion), Hillsborough; Barbara Ward, Orange.

Four-year-old and older cows (1) -- Dennis Diaz (grand champion, senior champion);

**Grade Guernseys**

Heifer calves (3) -- Gwen Hayes (reserve grand champion), Palm Beach; David Dunlap, Orange; Junior yearling heifers (2) -- no blues;

Senior yearling heifers (4) -- Arnold Jones (grand champion, junior champion), Nassau; Pam Miller, Leon;

Three-year-old cows (1) -- no blues;

**Registered Ayrshires**

Heifer calves (8) -- Ray Tamargo, Hillsborough; Deborah Jane Tamargo, Hillsborough; Bill Parent, Manatee.

Junior yearling heifers (1) -- no blues;

Senior yearling heifers (7) -- Corky Gaines (junior champion), Manatee; Tony Vernon (best bred by exhibitor), Hillsborough; Martin Overstreet, Manatee; Nancy Vernon, Hillsborough; Ronnie Stewart, Manatee;

Two-year-old cows (2) -- Larry Hiatt (reserve grand champion), Orange; Corky Gaines;

Three-year-old cows (1) -- Nancy Vernon, Hillsborough;

Four-year-old cows (3) -- Jane Vernon (grand champion, senior champion), Hillsborough; Carrol Thornhill, Polk;

**Registered Holsteins**

Heifer calves (5) -- Harold Price, Palm Beach; Jackie Platt, Orange; Larry Ashton, Palm Beach;

Junior yearling heifers (3) -- Kenley Platt, Orange; Rex Fish, Duvall;

Senior yearling heifers (1) -- Harold Price (reserve grand champion, junior champion);

Four-year-old cows (2) -- Harry Lyon (grand champion, senior champion), Holmes;

**Grade Holsteins**

Heifer calves (4) -- Leslie Wittenwyler (grand champion, junior champion), Dade; Joan Weiss (reserve grand champion), Palm Beach;

Junior yearling heifers (1) -- Mary Lou Raulerson, Palm Beach;

Senior yearling heifers (1) -- no blues;

Two-year-old cows (2) -- Harry Lyon, Holmes;

**Registered Brown Swiss**

Junior yearling heifers (2) -- John H. Causey, Jr. (grand champion, junior champion), Palm Beach; John B. Evans (reserve grand champion), Palm Beach;

**Grade Brown Swiss**

Heifer calf (1) -- Raymond Albury, Dade.

Hauls To W.P.B.

A "BRANCH" setup in West Palm Beach has been announced by George Two Roger of North Miami, operator of Expert Dairy Service.

Two Roger began hauling milk to West Palm Beach plants last month, in addition to the service to Miami plants begun four years ago. The former Borden employee and University of Miami faculty member operates a fleet of tank trucks, one of which is now being based in West Palm Beach to provide the new service.

Extra for March, 1959
What Should You Feed to Dairy Cows on Clover?

by SIDNEY P. MARSHALL
Dairy Husbandman, U. of F.

Dairy cows are the most productive class of farm livestock. In order to support a high level of milk production they require large amounts of nutritious feeds daily. Much of their nutritive requirements can be obtained from good pastures, but some concentrate must be fed in order to maintain high milk production.

The amount and kind of concentrate that should be fed is influenced primarily by two factors: (1) the amount of nutrients she is obtaining from other sources; and (2) the nutrients needed to support body maintenance and milk production.

The daily nutrient requirement of a cow can be calculated with good accuracy. However, it is rather difficult to determine how much nutrition she will obtain from a pasture.

The amount of nutrition that a cow derives from a pasture is determined primarily by the quality of forage and the quantity she will consume daily. Since consumption generally is affected by forage quality, it is important to strive for high quality in pastures since cows will eat more of this type. Therefore, cattle benefit on quality pastures from both a higher intake of forage and a greater amount of nutrition per pound of dry matter consumed.

White clover pasture in lush stage of growth is one of our best quality forages. In order to obtain information on the amount of nutrition cattle may get from this pasture, cows grazing white clover were fed concentrates at two levels. During a four-week period when 14 cows were fed a limited concentrate allowance averaging 6.6 pounds daily per animal, they produced an average of 32.4 pounds of four percent fat-corrected milk. During a comparable period, on a more liberal concentrate allowance averaging 10.6 pounds daily, production averaged 33.4 pounds of four percent fat-corrected milk.

An interpretation of this data suggested that Jersey and Guernsey cows may obtain enough feed from excellent white clover pasture to support body maintenance plus production of 18 to 20 pounds of four percent fat-corrected milk daily. When clover is small or dwarfed, either near the beginning and end, or during the grazing season when soil moisture is inadequate, forage consumption will be lower and cows will obtain less nutrition from the pasture.

Since white clover is high in protein, most cows grazing this pasture continuously will get enough to meet their needs. It was found in a feeding trial that six Jersey and Guernsey cows consumed an average of 142 pounds of damp clover forage per day. This wet forage contained 12.3 percent dry matter and 31.3 percent of crude protein. This average intake of forage contains enough digestible protein to support maintenance needs of a 1000-pound cow and production requirements of 58 pounds of four percent fat-corrected milk. With the exception of extremely high producers, cows grazing quality white clover pasture continuously should not need supplemental protein.

A practical way to determine the level of concentrate to feed on a pasture is to estimate the production level, in addition to body maintenance, that the pasture will support. Concentrates then are fed to support production above this estimated level. In general, one pound of concentrate will support production of two pounds of five percent milk, or 2.4 pounds of four percent milk. If the production level that is estimated for the pasture to support is too high, then production will drop unless concentrate allowance is adjusted upward. If this estimated level is too low, then a reduction in concentrate can be made without causing a drop in production.

CLOVER . . . provides high-quality diet for milking cows, but generally requires some supplementation.
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FLB Studies Ring Test

Use of the ring test in detecting Bang’s reactors could eliminate a lot of the drudgery from the Bang’s eradication program—and, upon request from Florida Dairy Farmers Federation, the Florida Livestock Board is considering using it in its eradication effort.

According to Carroll Lamb, Jacksonville, executive secretary of the Northeast Florida Milk Producers’ Association, here’s how it works:

“When a cow has Brucellosis, both her blood and her milk contain small germ-fighting particles of protein. These protein particles are actually antibodies developed by the cow to fight the Brucella germs. They are called ‘agglutinins’...

“It so happens that these clumps of agglutinins stick to the butterfat particles in milk... In the ring test, dead Brucellosis germs are simply stained a violet or blue color. When mixed with milk from a cow or herd that has Brucellosis, these stained Brucella organisms are met by the germ-fighting agglutinins. Since the agglutinins soon fasten themselves to the rising fat particles, the stained Brucellosis germs form a bluish ring in the cream layer at the top of the sample. If the whole sample stays about the same color for an hour and a half, the cows which gave the milk don’t have Brucellosis. If the cream layer looks darker than the rest of the milk, it looks as if one or more cows in the herd is infected, and blood tests will be needed. Remember, this test is only for use as a check.

Tallahassee Area: Will It Be Under Milk Commission?

Was there coercion, collusion, or misrepresentation on the part of distributors and/or the North and West Florida Milk Producers’ Association in securing signatures on a petition to remove the Tallahassee marketing area from milk commission control?

Whether there was or wasn’t coercion or misrepresentation, does the milk commission have the power to call for a secret ballot of producers before admitting or removing any area?

These are some of the questions now being studied by Circuit Judge Hugh Taylor of Tallahassee, according to Howard Walton, administrator of the Milk Commission.

The confused case had the following sequence of events:

First, the Milk Commission at its meeting on February 18 heard comment from several producers that a petition had been circulated calling for the removal of the Commission in the Tallahassee market, and that a “contract” had been offered producers in that area by the major distributors.

Second, based on comments from several producers that they had not willingly signed the petition, but rather feared “termination” or “cut off” from their distributor if they did not, the Commission passed an emergency order providing for an investigation and the holding of a secret ballot election should such a petition be presented. This was at 3:30 p.m., February 18.

Third, at 5:30 p.m. the same day, Kenneth Cooksey, an attorney representing the North and West Florida association of which Bob Freeland (also executive secretary of the Florida State Dairymen’s Association) is president, presented the petition. The Commission only \"received\" it, saying it would apply Order 20-15, the one it had just adopted.

Fourth, on complaint of the North and West association, and G. A. Armistead of Monticello, and on numerous grounds, primarily that “irreparable damage” would be done to producers in the Tallahassee milk marketing area if the commission exercised any further jurisdiction, Judge Taylor issued a temporary injunction forbidding the commission from exercising any further jurisdiction of any kind in the Tallahassee area.

Hearings are now being held before Judge Taylor on whether the injunction should be dissolved, or made permanent. However, a decision is expected prior to April 1, Walton says—but whatever it is, it may be appealed by the loser.

Attorneys involved in the case are Millard F. Caldwell’s Tallahassee law firm, representing Armistead and the North and West association; Winston “Bo” Armow of Gainesville, and Joe Jacobs, of the Attorney General’s office, Tallahassee, for the commission; Senator John Rawls, Marianna attorney, representing Lafayette County milk producers who are members of the North and West association but claim misrepresentation and conditional delivery from exercising any further jurisdiction of any kind in the Tallahassee area.

17 dairymen from Lafayette County claim that their signatures were not to be added to the petition unless it already had a majority of the producers and represented 51 percent of the milk distributed. They, and other producers in the area, now want their names taken off.

The Florida Cattlemen
A Letter to the Dairymen of Florida from
I. H. Owen, Jr., of Jacksonville, on Bang's Conversion:

The board of directors of the Florida Dairy Farmers Federation appointed me chairman of the newly formed Livestock Board Committee. This is, of course, not an appointment to the Florida Livestock Board, but merely designates me as your representative at the meetings of the board. I attended the last three of these meetings and intend to be present at all such meetings in the future. It was suggested by the president of the Federation that I write a letter informing you of the Livestock Board's activities relative to the Florida dairyman. Space does not permit me to go into detail so I will endeavor to present only those activities and actions I think are most important.

My first meeting was in January. Being a newcomer I was introduced by the then chairman, Mr. J. B. Starkey of Largo. I informed the board that the purpose of my presence was to present the Federation's views pertaining to dairymen and, whenever requested, furnish the Livestock Board with data or information that might be helpful. It is my opinion that this phase of our organization is appreciated by the Board and I could not have been extended more courtesy or cooperation. This Board impressed me as being most practical and sound in its actions and I believe we can count on the cooperation of its members in any matter of merit we present.

Out of my second meeting came a most significant development. The Governor's committee on Brucellosis Eradication met the day prior to the Livestock Board. It was mainly through the efforts of Bill Graham, a member of that committee, and Bob Hall—both of whom belong to the Federation—that a recommendation was adopted requesting the extension of the deadline for conversion from Plan D to E (or A). The proposal met with little opposition from the Livestock Board and the deadline was extended to May 1, 1960. The chief purpose of this was to endeavor not to work any more hardship on dairymen than necessary. The board further stated most emphatically that this would be the only extension and that dairymen should act accordingly.

The most significant development at the March meeting was the election of Mr. Dick Dressel, Miami dairyman and member of the Federation, as chairman. Members of the Federation can be proud of this development and all dairymen should benefit.

At the present time, Dr. Campbell, State Veterinarian and Secretary of the board is looking into the feasibility of the "ring test" as a means whereby our herds can be tested more economically for "Bang's." I will keep you posted on this subject.

Let me say, with all sincerity, that it is a pleasure to serve you. Very likely, all dairymen will not be in full accord with me on all matters. However, I will consider myself to represent the entire dairy industry of Florida in the belief that this will keep any disagreements to a minimum. (Active participation by you, as a dairy farmer, in your local organization, will help to this end, also, by keeping you fully informed as to the issues involved.)

In closing, let me remind you that I receive no compensation whatsoever. I am just a dairy farmer trying to be of service to all of us and any suggestions as to my past or future actions will be given every consideration.

I. H. Owen, Jr.

These local associations are members of the Florida Dairy Farmers Federation

| Alachua County Breeders Ass'n Gainesville |
| Independent Dairy Farmers Ass'n Fort Lauderdale |
| Central Florida Milk Producers Ass'n Sanford |
| Northeast Florida Milk Producers Ass'n Jacksonville |
| Northwest Florida Milk Producers Ass'n Tallahassee |
| West Coast Milk Producers Ass'n Tampa |

Extra for March, 1959
These Men Guide the Federation

One director represents each local

LIKE OTHER Florida agricultural organizations (notably the Florida Cattlemen's Association and the Florida Farm Bureau Federation), the Florida Dairy Farmers' Federation is composed of affiliated local organizations.

Each of these local groups elects its representative as a director of the statewide federation, with this board of directors then electing officers from among its own membership.

The organization was formed as a result of an Orlando meeting last August of dairymen from throughout the state, called by Dr. James Acree of Jacksonville, then president of the old Florida Milk Producers Association, and by John Sergeant of Lakeland, then producer vice president for the old Florida Diary Association, now president of the Florida State Dairymen's Association, a rival of the Dairy Farmers' Federation.

Agreement on the federation form of organization was reached at that meeting, and detailed plans were made for organizing at a series of meetings extending throughout last fall.

None of the six locals which are members of the Federation is bound by its actions—a factor which makes substantial agreement on all matters a practical necessity. Milk Commission and Federal Order committees work on problems in the respective areas controlled by each governmental milk control agency.

So that dairy farmers throughout Florida may know the type of men who make up this board of directors, THE CATTLE- MAN has reproduced on these pages a photo of each, together with a brief biographical sketch.

**Elbert Cammack**

ELBERT "BILL" Cammack of Geneva represents the Central Florida Milk Producers Association on the Federation board, of which he was elected president last fall.

A 41-year-old Iowan, he holds BS and Master of Agriculture degrees from the University of Florida, where he graduated (after war-time service in the Infantry) in February 1948. After serving as first technician for the Orange County Artificial Insemination Association, and as an organizer of the local DHIA and the Central Florida producers' association, he went into the dairy business in a partnership near Orlando in 1952, later buying out his partners and moving to his present Fairglade Dairy Farm in June 1955.

He milks 160 head in a modern milking parlor—all of them Jerseys, 70 registered. He is also president of the Florida Jersey Cattle Club.

The Cammacks have three children, ages 10 to 15.

**Dr. James Acree**

DR. JAMES Acree of Jacksonville, vice president of the FDFF, served previously as president of the old Florida Milk Producers Association, as mentioned above.

Born in Nashville, Tennessee (where he got his farming interest on his grandfather's farm), he graduated at Lee High School in Jacksonville, and got his veterinary degree at Auburn in 1946 after serving in the Army.

He began his practice in Jacksonville in 1947, later forming a partnership (still in existence) with his brother, Howard. After the brothers went into the dairy business in 1955 in northern Duval County, Howard carried on the veterinary practice while Jim concentrated on Meadowview Dairy. Today they are milking 320 cows, and soon will have 400 acres of improved pasture. Now the producer-member of the Milk Commission, Acree was the first president of the Northeast Florida Milk Producers Association which he represents on the FDFF board. He and Mrs. Acree have three youngsters.

**D. Wayne Webb**

D. WAYNE Webb, 44, of Tampa, represents the West Coast Milk Producers Association (of which he has been president for 10 years) on the Federation board, serving as the Federation's secretary-treasurer.

Educated at Hillsborough High School and Norman College in Georgia, he lived in North Carolina for several years be-
Be a Member of the
FLORIDA DAIRY FARMERS
FEDERATION
THROUGH YOUR OWN LOCAL ASSOCIATION

Membership in Florida Dairy Farmers Federation is open to any chartered local association in Florida. Each local has one vote in its board of directors. Individuals belong to the Federation through membership in their local. If interested in further details as to how your area can be represented, write Florida Dairy Farmers’ Federation, Box 3057, University Station, Gainesville, Florida.

These Local Associations Are Now Members of Florida Dairy Farmers’ Federation!

ALACHUA COUNTY
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Thomas Farmer, Orlando Scott Sheffield, Bunnell
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Hubert Jacobs, DeLand Charles Watts, Haines City
L. D. Watts, Haines City

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E. C. Mattson, Okeechobee T. C. Perry, Hollywood

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Wm. Carroll Lamb, Jacksonville Executive Secretary
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M. J. Byrd, Ponce de Leon, Secretary-Treasurer
C. R. Adams, Laurel Hill General Manager
C. R. Adams, Laurel Hill Federation Director

DIRECTORS
Burl Harrison, DeFuniak Springs Austin Jones, DeFuniak Springs

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Gene Bartolotti, Seffner Vice President
Truman J. Smith, Tampa Secretary-Treasurer
Prue Shirley, Tampa Executive Secretary
D. Wayne Webb, Tampa Federation Director

DIRECTORS
W. E. Fertic, Seffner W. S. Pratt, Limona
E. P. Palot, Lakeland Sam Romano, Tampa
Nelson Spoto, Tampa

Federation Executive Secretary
W. E. Bishop
Box 367, Lake City, Florida
C. R. Adams...

C. R. Adams, 40, of Laurel Hill, is an Alabama native who has lived in Walton and Okaloosa Counties for the past 25 years and represents the West Florida Milk Producers' Association on the FDFD board.

He milks 100 cows on his dairy farm in Okaloosa County.

Adams was active in organizing the Northwest association several years ago, and was named general manager of that group this past January. Married, he has two youngsters, three and nine.

William A. Graham...

Bill Graham of Miami, 35, is the operating head of Graham's Dairy which milks 1500-1700 cows and is located at Pensacola, north of Hialeah in Dade County.

He represents the Independent Dairy Farmers Association, which includes the entire Southeast Florida milkshed, on the Federation board. He's a former president of the old Florida Dairy Association.

While he's been in dairying "all his life," Graham became active in the business after his graduation from the University of Florida in 1949. With his widely-known father, Ernest Graham, he has pushed pasture development, trials of new grasses, use of silage and other improved practices. The Grahams' four children range in age from two to eight.

L. B. "Red" Hull...

L. B. "Red" Hull, 53, Gainesville, represents the Alachua County Breeders' Association on the Federation board.

A former dairy engineer with General Mills, he quit that work on his doctor's orders in 1947, buying out the dairy owned by well-known Toote Perry (Florida's All-American Water Boy), after the latter's death. Two years later he bought the Sunshine Dairy plant in Gainesville, which he sold to Foremost two years later.

He milks today 120 cows daily on the average, with an average production of 2.5 gallons per day. He raises his own replacement heifers, and also maintains a small beef herd. He's strong on pastures and forage, putting up 100 tons of hay and 200 tons of millet silage yearly, and supervising 750 acres of pasture—250 of which is on Payne's Prairie.

He's active in civic work, particularly of an agricultural nature, and he and Mrs. Hull have two youngsters—15 and 17.

This winter marks 24 years of operation for the Federal State Frost Warning Service, with headquarters at Lakeland. The service maintains between 400 and 450 survey stations in 11 districts.

Land Tax Suit

No decision has yet been reached in the Broward County suit which is testing constitutionality of the 1957 legislature's act requiring tax assessors to assess agricultural land at its value for agricultural purposes.

Broward's assessor refused to assess on this basis, and the taxpayer filed suit to force him to. Agricultural organizations from throughout the state have joined the suit as interested parties.
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