In this issue:

Radebaugh Elected to ANCA Office

Bulls Bring $502 at Ocala

State Fair Shows Sale Results Listed

QH Shows Are Reported

Many Breeds, Plus Steers Show at Ocala
Florida Cattlemen Have Proven Feeding VIT-L-TONE Mineral Supplement HELPS—

1. Assure better feed utilization
2. Build heavier, sturdier, healthier cattle
3. Build larger calf crops
4. Prolong reproductive life

X-CEL VIT-L-TONE is Florida formulated to provide the correct calcium-phosphorous balance, vitamins, minerals and trace elements. Cattle like the taste of VIT-L-TONE... yet won’t overeat. Learn the profitable outcome of the VIT-L-TONE story... see your X-CEL feed man soon, why not tomorrow!
FCA Reports...

NATIONAL CONVENTION! Florida had a good delegation, and won major recognition when Cush Radebaugh was elected First Vice President (thus the Number One candidate for president two years hence). 35 attended from Florida. For further information, read article on page 24 of this issue, editorial on page 112.

BANG'S ACTION may be of special interest to Floridians. The national again went on record favoring more stress on vaccination, with uniform regulations governing the movement of cattle across state lines.

PUBLIC RELATIONS Committee of the American National Cattlemen's Association is headed by J. O. Pearce, Jr., our president. Of interest is their effort to influence sporting goods companies to produce a motion picture explaining the rights of landowners, and designed to help avoid misunderstandings and hard feelings.

FLORIDIANS set in on several of the committee meetings. Radebaugh is a member of the resolutions committee. Alto Adams, Jr., past president of Florida, was on the nominating committee. Bob Deriso took part in transportation committee meetings, and Russell Farmer attended the marketing meeting.

TAMPA DIDN'T GET THE National Convention for 1961, but there was lots of interest in Florida, and this state should get the 1962 convention.

"NOTHING TO REPORT," says President Pearce on the Executive Secretary position. Several have been interviewed, but no one yet hired. "We want to be sure we get the right man," says the President, "So we're taking all the time necessary."

FLOOD CONTROL COMMITTEE which is active in the Central and Southern Florida Flood Control District (and is financed by special assessments on the locals taking part) is having its own engineers study the Kissimmee River project, with particular attention to the new proposal that drainage be started at the top of the valley, in the neighborhood of Kissimmee, which may flood out areas further down in the chain of lakes and the river valley itself.

SEE THE BANG'S EDITORIAL IN THE last Cattleman? Every cowman should contact Florida's Congressmen and Senators in Washington, urging their support of a workable Brucellosis eradication program, with proper stress on vaccination. Write your letter NOW. FCA will probably send a delegation to Washington in March, and your letters should arrive before they do.

P&S ACT: The meeting in Tampa of auctions and packers with the Packers and Stockyards Act administrators for the Southeast was well-attended. The P&S will take jurisdiction over Florida marketing of livestock within the next few months. President Pearce attended the meeting in Tampa, pointing up the necessity that P&S not interfere with the free flow of cattle and calves to market, nor with the deductions now financing our beef promotion program.

POLITICS: This is a very important election year, as just about everybody probably knows. In addition to the Governor's race, there will be a Commissioner of Agriculture elected to succeed Commissioner Mayo, and a new Secretary of State as well. The interest of FCA members in politics is highly important to the organization. It is well known that FCA never endorses any individual candidate. We do strongly recommend that all members take an active interest in politics, and work for the men of their choice.

FLORIDA CATTLEMAN'S ASSOCIATION

President
J. O. Pearl, Jr., Okeechobee
First Vice President
Louis Gilliland, Ocala
Second Vice Presidents
Lat Turner, Sarasota
A. G. Casyon, Blountstown
Secretary
June Gunn, Kissimmee
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R. Elmo Griffin, Kissimmee
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W. F. Titton, San Mateo
J. R. Hendy, Tampa
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P. E. Williams, Davenport
I. B. Lomax, Kissimmee
Cushman S. Radebaugh, Orlando
Ben Hill Griffin, Jr., Frostproof
Jay B. Starksey, St. Petersburg
B. J. Alderman, Grandin
J. O. Pearce, Jr., Okeechobee
Alto Adams, Jr., Fort Pierce

Local Associations
Alachua
Bakes
Bradford
Brevard
Broward
Central Florida
(Lake and Orange)
Charlotte
Citrus
Clay
Collier
Columbia
Dade
DeSoto
Flagler
Georgia
Glades
Hardee
Hendry
Hernando
Highlands
Hillsborough
Indian River
Lafayette
Lee
Leon
Manatee
Marion
Martin
Nassau
Okeechobee
Osceola
Palm Beach
Pasco
Pinellas
Polk
Putnam
Saint Johns
Saint Lucie
Sarasota
Seminole
Sumter
Volusia
Washington
West Florida
(Bay, Calhoun, Franklin,
Gulf, Liberty)

for March, 1960
**Calendar**

**MARCH**
- Mar. 3-Smithdale Here. Sale. .Limestone, Tenn.
- Mar. 1-5-Hendry County Fair. .Chiefland.
- Mar. 4-Signup at County Fair. .Columbia, Ill.
- Mar. 7-12-Lake County Fair. .Leesburg, Fla.
- Mar. 14-19-Sarasota County Fair. .Sarasota
- Mar. 26-Dunlee Feeder Steer Sale. .Lutz,
- Mar. 31-Wiregrass P. Here. Sale. .Dothan, Ala.

**APRIL**
- Apr. 2-Knightville Angus Sale. .Palmetto.
- Apr. 6-Sunday Banquet. .Gaithersburg, Md.
- Apr. 29-May 1-). Rodeo. .St. Augustine.

**MAY**
- May 11-13-Angus Conf. .College Station, Tex.
- May 18-Clearance Sale. .Gulfport, Miss.

**JUNE**
- June 9-Santa Gertrudis Summer Meeting. .Fort Pierce.
- June 15-17-FCAMid-Year Conv. .W. Palm Beach.

**SEPTEMBER**
- Sept. 3-Spinks QH Sale . .Paris, Tenn.

**OCTOBER**
- Oct. 18-20-FCAMid-Year Convention . .Tampa.

**NOVEMBER**
- Nov. 1-5-Sunter All-Fla. Breeders' Show. .St. Augustine.

**O R D I N A R Y D A T E S**

**Service Issues of The Florida Cattlemen for 1960-61**

**The Cover for March, 1960**

DONALD HOLLEY learns more about showing Brahman cattle by leading A. Duda and Sons' reserve champion, ADS Ammon de Emperor, in the Parade of Champions at Tampa. Donald's daddy is Lowell Holley, herdsman for W. H. Stuart.
Reserve Champion Charolais Bull at Florida State Fair

This outstanding show bull was not only Reserve Grand Champion at the Florida State Fair in Tampa, but he was also Grand Champion at the Greater Jacksonville Fair and Reserve Grand Champion at the Brooksville Fair. This bull, along with our other top herd sires at DS Ranch are the type that keep us producing the best Charolais that can be purchased in this country. See our cattle in the near future.

For Sale

We have seven breeding age bulls available at this time. They range in breeding from Charbray to 15/16 Charolais bulls.
For Harvesting and Conditioning Hay!

LUNDELL
PIONEERED THE HARVESTING
OF HEAVY FLORIDA GRASS
AND FORAGE
FOR MAKING HAY!

A LUNDELL cuts millet at T. G. Lee Dairy, Orlando.

The Lundell
HEAVY-DUTY OFFSET CHOPPER
SELLS FULLY ASSEMBLED AND
DELIVERED ANYWHERE IN FLORIDA
Complete with grass head and used tires.

ALSO: All-Star Wagon Hoist, 10,000-pound capacity, $85 including freight; Model B-20
Wagon Hoist, H. D., 11,000-pound capacity, $125 including freight.

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

GRAVES DISTRIBUTING COMPANY
R. Lee Graves, Owner, Box 708, Ph. 11 7-2123
KISSIMMEE, FLORIDA
We Stock a Full Line of Parts
At Our Kissimmee Warehouse

Editor's Desk

For Shows? Against Shows?
January Article Gets Comment!

Gainesville
As you know, there are many livestock men who are against showing, and others
who are all for it.

I have had a few comments (regarding
the article "Cow Shows—Good or Bad?"
by Drs. Koger and Hentges, which
appear on page 27A of the January CATTLE-
MAN) which indicate that some people
were not aware as to why this article was
written.

As you know, you requested this article
as a means of presenting to the public
some of the reasons which people have
for, and against, showing beef cattle.
Therefore, I asked Dr. Koger to present
the reasons against showing cattle, and
Dr. Hentges to present the reasons for
showing cattle.

This, of course, does not necessarily
mean that one is strictly for showing and
the other strictly against! What they
were trying to do was present the whole
picture for whatever value it might be to
our livestock producers. I think both have
done a good job of presenting some of the
reasons for, and some of the reasons
against, showing.

T. J. Cunha, Head
Dept. of Animal Husbandry, U. of F.

"We should have made it clear that these
articles were written at our request to
show both sides of the much-discussed
question of the value of cattle shows to the
beef industry. Like debaters, Drs. Hentges
and Koger were each seeing one side of
the question!"

Conservation Board Didn't
Make Deep-Sea Fishing Statement

Tallahassee
... Establishing the relative importance
of any industry is hazardous. The chief difficulty ...
... is establishing the limits and in knowing just what to ascribe
to each enterprise.

HAY MOWER . . . made by Wood
Brothers has been two years in develop-
ment, the company reports, will now
and condition in one operation, and has
a windrowing attachment. (Condition-
ing is by laceration, as with other ro-
tary mowers.)

All of this is preliminary to saying
that, by certain methods of evaluation, I
find nothing wrong with the statement in
Life magazine (see article on page 30
of the February CATTLEMAN) except for one
reservation: the magazine should have
stated "Florida fishing" or "salt water
fishing" rather than "deep water fish-
ing" . . .

(Several worthwhile studies) do indi-
cate the tremendous value of sports fish-
ing to the state. But, as I pointed out ear-
er, any relative rank would depend upon
the method of accounting . . . Indirect ex-
penses (mentioned by Mrs. Flaherty of
Life in her letter to you, might include
the fact that) 70 or 80 percent of the
people who decided to come to Florida to
live and buy homes were first attracted
here by fishing. The value of the real
estate they purchased each year would,
I think you will agree, make a tremendous
sum. If we consider "impact" as you sug-
gest, this, plus many other similar items
would accrue to game fishing.

But our aim is positive . . . We do not
wish to establish superiority or take ad-
vantage of any comparisons, especially
those that are difficult to draw in the
first place. You probably feel much the
same way . . .

... For the record, I do not know

Latest Statistics

Commercial Slaughter and Average Weight (USDA) . . .

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<th>Calves</th>
<th>Swine</th>
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<td>23.3</td>
<td>873</td>
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<td>1033</td>
<td>750.7</td>
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Slaughter Under State Inspection, Head (FLB) . . .

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Livestock Prices Per Hundred (USDA) . . .

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Balanced Early Nutrition... with All the Vitamins and Antibiotics THEY Need!

Red Rose Milk Replacer

The COW-Q-LATED way to raise Better Calves... with More Profit

Red Rose Milk Replacer is an ideal "early nutrition" feed for calves. Red Rose Milk Replacer contains added minerals, extra vitamins including A and D and antibiotic feed supplements, and all essential nutrients to provide fast growth and development. One 25 lb. bag will raise a calf to weaning... and will add extra dollars to your milk check because you can send ALL your milk to market.

Ask your Red Rose dealer about the complete Red Rose COW-Q-LATED Dairy Feed Program. Test it yourself for six months on your farm.

Send More Milk to Market with the Complete RED ROSE COW-Q-LATED Dairy Program

Ask your Red Rose dealer about the feeding program that results in higher milk production and long productive life.

Distributors from Maine to Florida; Ohio to the Atlantic
COOPER
COOPA-FINE
DRENCH
(Contains SUPER-FINE Phenothiazine)
for
SHEEP
GOATS
CATTLE

Only COOPA-FINE gives you FINE PARTICLE RESULTS!
It's a known fact: the finer the phenothiazine particle size the greater the worming action! And it's a proven fact: COOPA-FINE is TWICE as fine as other phenothiazine drenches on the market! COOPA-FINE particles are super-fine . . . kill more worms! Gives you up to TWICE the worming action against MORE KINDS of worms.

NEW! SUPER GEL SUSPENSION! New COOPA-FINE remains a soft "gel" in storage; no caking. Just shake pail. COOPA-FINE becomes a smooth, free-flowing liquid ready for use. IMPROVED MINERAL FORMULA! New COOPA-FINE contains iron, copper and cobalt for important "pick up" after worming!

Ask for COOPA-FINE—the only super-fine phenothiazine drench—at your regular dealer, today!

Valuable FREE Booklet on COOPA-FINE... See Your Dealer or Write Direct!

MANURE LOADER . . . by Allis-Chalmers is the Model 14 (mounted on a D-14 tractor). Dozer blade is also available (as is a snow bucket, for those interested).

MANURE SPREADER . . . can be adapted from the John Deere Chuck Wagon, shown here in action unloading manure.

where Life got its information . . .
Robert M. Ingle, Director of Research Florida State Board of Conservation.

"The comparison actually made in Life that deep sea fishing means more financially to Florida than cattle and citrus apparently combined all possible direct and indirect income attributable to deep sea fishing and compared it to the income to farmers from citrus and cattle, which is actually only a minor part of the total contribution of these two agricultural industries to Florida's economy.

Kowbelles: Is There Someone You'd Like to See Written Up?

Brooksville
May I suggest an interview with Peggy Havens, Tanbark Quarter Horse Ranch, Trenton, by the editor of Kowbelles. I've watched this girl for 14 years, and what she is finally accomplishing is something really worth mentioning.

Mrs. Marion G. Jacobus

"We've passed this letter on to Mrs. Stancil, who writes the "Kowbelles" column monthly (see page 46A, February issue about Tanbark by one of our regular staff). Any suggestions as to desirable articles of any kind are appreciated by your editors.

An Error: Livestock Notebook Made $100 Out of $1!

In the February issue . . . a mistake was made in my "Livestock Notebook" column on Page 102. In the Summary of

The Florida Cattlemen
RAINBOW doubles cow-days per acre

Want to double the amount of pasture you have ... without adding another acre of ground?

It can be done, according to beef men who have tried it under carefully supervised tests. The secret is proper fertilization and the right combination of pasture grasses. Result ... twice as many "cow-days per acre" from your present pasture.

Here's how to start. Apply recommended amounts of Rainbow Premium Plant Food. Rainbow furnishes the ideal balance of fertility to grow lush pasture ... thick grass that cattle can graze day after day without letup.

You'll discover two things. First, twice as many cow-days of grazing. Second, cattle prefer Rainbow fertilized grass because of palatability and high natural mineral content.

Rainbow supplies 3 kinds of nitrogen to bring your pasture into early production. It sustains yields of high-protein forage for a longer grazing season. And Rainbow provides the right kind of phosphate and potash and other important nutrients to insure thick, dependable pasture month after month.

This year have a better pasture. Fertilizer with Rainbow Premium Plant Food. See your Rainbow representative soon.
IT'S NOT A 'PIPE DREAM'...

SELLING AT AUCTION MEANS MORE DOLLARS IN YOUR POCKET

Check These Advantages:
- Buyers Bid Against Each Other.
- Weights Guaranteed Accurate.
- Advice on Marketing Available.
- You Get the "Top" of the Market.

For market information, contact any one of these solid, substantial markets—members of both Florida and National associations, and subscribers to the National "Code of Ethics" for auction markets:

Arcadia State Livestock Market
Auctions Every Wednesday
Pat Kelley, Mgr., Ph. WA 8-3151, 8-6901
ARCADIA, FLORIDA

Chipley Livestock Company
Auctions Every Tuesday
Buddy Neel, Mgr. * Ph. ME 8-0267, 8-0689
CHIPLEY, FLORIDA

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
GRACEVILLE, FLA.

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

Cattlemen’s Livestock Markets
Monday * Sales * Tuesday
Harry McCollum, Mgr.
Ph. 4-1145  * Ph. MU 2-0117
TAMPA and LAKELAND

Columbia Livestock Market
LAKE CITY, FLA.

Suwannee Valley Livestock Market
Auctions Every Wednesday
O’Neal Boatright, Mgr. * Ph. HO 2-7102
LIVE OAK, FLA.

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

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

Mills Auction Market
Auctions Every Monday
C. E. Mills, Mgr. * Ph. MA 2-4454, 9-3662
OCALA, FLA.

Mid-Florida Livestock Market
Auctions Every Thursday
Gibert Tucker, Mgr. * Ph. GA 5-0432
ORLANDO, FLA.

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

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

Sarasota Cattle and Commission Sales
Auctions Every Tuesday
Jerry Coleman, Mgr. * Phone RF 6-3016
SARASOTA, FLA.

For Further Information about Florida Livestock Markets, Contact

FLORIDA ASSOCIATION OF LIVESTOCK MARKETS
Livestock Exchange Building, Kissimmee, Florida

KILLS WEEDS... This photographically shows how Simazine kills weeds when applied as a pre-emergence herbicide with corn. Close and deep cultivation which may injure corn is thus made unnecessary. Atrazine is recommended instead in areas of low rainfall of the West.

Feed Additives for Beef Cattle,” one column was headed “Return per $100 Inves-
ted.” This should have read “Return per $10.00 Invested.” The period was omitted, and those who are feeding steers would welcome the correction since it might influence their decision on the value of certain feed additives. I would appreciate your calling this to their at-
tention...

Dr. T. J. Cunha, Head
Dept. of Animal Husbandry
U. of F.

Cattlemen Stories, Service
Draw “Thank Yous”

Clawson...

I want to extend our appreciation for your splendid article (“Sugarland Re-
lies on Hybrid Vigor,” page 37, February CATTLEMAN). Seriously, we feel that such an article is of very definite value to the cattlemen of (this state). The cattle in-
dustry of Florida will reach its potential only as, and when, cattlemen recognize the benefits to be derived from not only sound breeding programs, but good sup-
plementary feeding programs, coupled with other necessary sound management practices.

S. L. Crochet, Vice President, Sales
U.S. Sugar Corporation

Jacksonville

I... was truly amazed to find what wonderful publicity the Greater Jackson-
ville Fair received throughout the year. One of the truly outstanding contributions to (our 1969 press book) is the section devoted to cullings from THE FLORENS
CATTLEMAN: not only the excellent write-
ups you gave us, but the publicity con-
tained in many full-page color ads.

Katherine K. Armstrong
Greater Jax Fair

Brattleboro, Vermont

... Our 75th Anniversary marks a real milestone in the growth and progress of the registered Holstein industry. We are...
Your cattle can extract more of the meat, bone and muscle building nutrients from your grass when you self-feed MoorMan’s Mintrate Cattle Blocks*. These blocks are a concentrated, power-packed blend of rich proteins, urea, base and trace minerals, plus Vitamin D... everything your cattle need to stack on faster gains from all kinds of roughage.

Cattle Blocks are designed specifically to be self-fed with high roughage rations—grass, citrus pulp or when cattle are fed large quantities of dry hay or silage. You only need to put blocks out once every week or so. They can be fed to all kinds of cattle... cow herds, calves, yearlings, growing dairy heifers and dry dairy cows. Only ½ to 1 pound of the blocks per head per day usually does the job.

Cattle Blocks stimulate rumen activity and promote more thorough digestion. So your cattle build more meat, bone and muscle from every ton of grass and forage... cows stay in better condition... calves usually are bigger and thriftier at weaning.

Most feeders get a pound of extra beef for each pound of Cattle Blocks, when consumption averages ½ pound per head per day. And you save time, labor and storage space.

Cattle Blocks are made in three different formulas for good, average and sparse pasture conditions. Your MoorMan Man can tell you the right combination for your operation. He also has special prices on 50 to 200 ton orders or contracts for future feeding. Moorman Manufacturing Company, Dept. X03, Quincy, Illinois.

Mintrate Cattle Blocks —mineralized, vitaminized protein blocks with urea added to help cattle make faster, low-cost gains.

The Agrico Difference...

Personal recommendations take the guesswork out of growing more feed per acre

Lower your feed costs by growing more grain and high quality forage with the Agrico Program... sound, practical recommendations to fit your personal crop rotation and livestock operation.

There's no magic formula for growing more grain and high quality forage on each acre. In fact, increasing your meat or milk profits with more home-grown feed calls for a carefully planned program of efficient feed production. To do this you must have a grain and forage program that's tailored to fit your individual operation.

Under the Agrico Program sound, practical recommendations are made by trained Agrico agronomists with experience in grain and forage production in your area. They consider your soil, rotation, amount of manure available, field characteristics and past yields.

Naturally, recommendations are made for using Agrico fertilizers. But this makes sense, too, because each of Agrico's more than 360 special-purpose formulations fits the needs of a specific crop, soil and area. That's why you'll get such good results with Agrico... results that give extra profits.

Don't guess about how to fertilize for more grain and high quality forage. Contact your nearby Agrico agent.

How dependable recommendations are made under the Agrico Program

1. Trained Agrico fieldman takes borings for a representative soil sample. He notes your crop rotation, past yields, soil type, drainage and other field characteristics.

2. At one Agrico's modern Soil Science laboratories, economists study the soil test results, weather, climate and planting history, then they chart a crop/plant rotation that suits most farm plans and feeding needs. Here the plant tissue analysis is complete and the forage quality is determined.

3. Fieldman returns to the farm, analyzes your farm and crop needs, and works out a complete plan - including all Agrico fertilizers and Agri-E廉价s.

4. Complete recommendations on fertilizing and liming are discussed with you by your nearby Agrico agent. He offers you the results of the latest top-soil tests, crop analysis, and your own farm records, and gives you valuable, up-to-date management guides.

5. Best results come when you follow their complete recommendations, using the specially formulated Agricontinents designed for your soil, crops and area.
Penta Pressure Treated Posts
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

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

Plant Located At
WHITEHOUSE, FLORIDA
Jacksonville, Florida

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

HAYMAKER . . . has synchronized 80-inch corrugated rollers, crimps every
1-1/4 inches, has built-in fluffer. Brady Manufacturing Company says it "crimps
the stems and saves the leaves."

sincerely and deeply appreciative of the
important role you and your contemporaries have played in this development.

And New Editor Gephart Gets Congratulations

Fort Myers
Congratulations on your new and added responsibilities. I know you will put
over the job in a big way. Good luck.
Harvey B. Richardson

Bill Gephart, whose appointment as editor was announced in the last CATTLEMAN,
has asked that this column thank, in his

Only
SYNOVEX
Balanced
NATURAL HORMONE
IMPLANTS

give you all these advantages
EXTRA WEIGHT GAINS—QUICKLY, SAFELY—AT LOW COST

One secret of successful feedlot operation is the use of natural
hormones. Synovex-S for Steers, Synovex-H for Heifers or Synovex-L
for Lambs all contain natural hor-
mones and in balance. That's one
reason why more and more success-
ful feedlot operators are turning to
Synovex.

Natural-occurring hormones in
balance have so many advantages. They go to work almost immediately
after implanting—without side ef-
facts. The animals start putting on
extra weight gains fast, safely, and
at low cost.

These balanced natural hormones,
as found in Synovex Implants, help
animals get to market faster with
finer finish and in fewer feeding
days. And you have no worry about
hormones in the meat, no down-
grading at market time, if used as
directed. Make '60 Successful
with Money-Making Synovex.
The man to know...

He knows the area... he understands your problems. Agri-Representative Bob Morris offers expert financial counsel plus authoritative data. Won’t you take advantage of his services?

This is the bank to grow with

First National Bank
OF TAMPA

FLORIDA'S OLDEST NATIONAL BANK
MEMBER: FEDERAL DEPOSIT INSURANCE CORPORATION

The natural hormones in Synovex-S stimulate higher weight gain at lower cost per pound of gain. You can get up to 20% more meat from your feed and save up to five cents per pound of gain. Synovex-S is recommended for steers weighing 400 pounds or more.

The first and only implant for heifers gives up to ½ pound extra gain per day. Feed conversion improves up to 20%. Synovex-H works swiftly and safely...is recommended for heifers weighing 400 pounds or more.

Developed exclusively for lambs—Synovex-L gives more profit out of the short lamb feeding season. Synovex-L improves feed conversion up to 20% and reduces normal 100-day feeding by as much as one month. Average daily gains up to 30% over controls have been reported.

Synovex has been cooperatively developed by E. R. Squibb & Sons and The Synex Group. Synovex is a registered Squibb trademark.

All three Synovex Weight Gaining Implants stimulate more profitable gains safely. For best results with Synovex implants, feeder stock should be free from parasites and feedlot diseases, and fed a balanced high energy ration. See your veterinarian. One implant is sufficient for entire feeding period.

The easy-to-use all-metal instrument makes implanting Synovex as simple as vaccination—no pre-slit of skin with knife necessary. Now more than ever before put Synovex on your payroll and watch your profits grow!

Veterinary Department, E. R. SQUIBB & SONS
Division of Olin Mathieson Chemical Corp. • 745 Fifth Avenue, New York 22, N. Y.
New FRITS improve crops in Florida Soils...

Supply essential trace elements...
Reduce boron leaching loss...
Aid plant growth all season

Many Florida soils are lacking in one or more minor elements—which must be added to the crops or soil for healthy, high-yield growth. In some cases they are sprayed on the trees or plants as needed. In most cases they are blended into fertilizers or agricultural limestone and put into the soil.

Until recently, the latter lower cost method had three serious drawbacks. Commercial trace elements, being highly soluble, are rapidly “fixed” in the soil, becoming unavailable. The one exception (boron) can be lost, washed away, by heavy rainfall. Growers also have had the problem of boron toxicity—how much to use without fear of “burning” delicate plant roots.

FTE® Formula 501 eliminates these hazards. Being fritted, and slowly soluble on a controlled, predetermined basis, it stays in the soil and supplies essential trace nutrients to crops all through the growing season.

All six minor elements are provided in FTE. Your plants get boron, iron, manganese, zinc, copper and molybdenum, combined in a balanced formula. Extensive tests and field trials, made in recent years by the Florida Agricultural Experiment Station, have proved the season-long availability of these nutrients of FTE in Florida soils. Healthier plant growth and better crop yields have resulted. Other states also found this true.

FTE is available in high-productivity commercial fertilizers, in Tracel Limestone; also in 100-lb. bags for general use. Ask your dealer about it!

Nearly a million acres will be planted this year in land made more productive, more profitable, through the use of FTE.
CONTINUOUS PROCESS... "builds" this concrete pipe right in the ditch. Inflated rubber and fabric form (below) is the secret. Above is the finished pipe—for irrigation on an Arizona farm.

behalf and in behalf of THE CATTLEMAN, all those who have personally, or by letter, expressed an interest in his assumption of this position.

Vet Handbook Praised; Copy Sent to J. O. Pearce

Quitman, Georgia
Recently I ordered from you one of your "Veterinary Handbooks for Cattlemen," and it has so much good information in it I want you to have one of these books sent to J. O. Pearce, Jr., of Okeechobee, and two more copies to me here at Quitman...

Bryant E. Pearce

Subscriptions from Far-Away Places Reach The Cattleman

Pascagoula, Mississippi
A friend of mine gave me an old copy of THE FLORIDA CATTLEMAN, and after reading it, I realized that my cattle operation was more like a lot of the Florida operations than those of my state. I think that your magazine would be a big help to me, and am enclosing a check for two-year subscription.

Jack Delmas

Mataffin, Transvaal, Africa
Very many thanks... for the two pubs...

Florida Citrus Pulp

Highly Palatable—Highly Nutritious Bulk Feed Ingredient

Florida Citrus Pulp is the ideal bulk feed ingredient for your beef herd. High in T.D.N. content (74%) plus minerals vital to animal growth and well-being, economical in price and ease of feeding (your cattle will love it), make Florida Citrus Pulp Dollar for Dollar—Your Best Feed Buy!

FREE!

"MORE MILK AND BEEF FROM ORANGES"

Write today for your FREE copy of the booklet about FLORIDA CITRUS PULP—gives complete analysis and feeding instructions.

Florida Citrus Pulp

THE SUNSHINE FEED FOR CATTLE

CITRUS PROCESSORS ASSOCIATION
P.O. BOX 1459 • WINTER HAVEN • FLORIDA • DEPT. B
Beewood Hereford Farms feed Purina for

...fast growth on sale bulls
...cheap gains on commercial steers

Beewood Hereford Farms, owned and operated by George Wood of Sarasota, used to be covered with "pines, palmettos, and rattlesnakes." Now it boasts 460 acres of improved pastures and one of Florida's leading registered Hereford herds. Beewood breeding stock is in great demand, especially the fast-growing, high-quality bulls. The Beewood Hereford Farms herd of over 100 brood cows is presently headed by PHF-R Silver Domino 30th, senior herd sire. "He consistently sires a uniform group of top, growthy calves for us," George Wood stated. "We select the best bull calves each year and grow them out for sale, both to purebred and commercial operators."

The calves receive special attention and are given every chance to develop into leading herd sires. Mr. Wood has found that a grain ration supplemented with Purina Steer Fatena is the fastest, cheapest way of bringing them along. The bulls are in excellent condition when they approach the sale age of approximately two years.

Commercial steer feeding is also a major part of the Beewood operation. Several hundred steers are fed on grass annually and marketed after a short drylot feeding period. "Again we count on Purina supplements to get the job done cheaply," George said. "It cost only 9.8¢ to put a pound of gain on a group of steers we fed on grass recently." Because of the excellent results top cattleman George Wood gets at Beewood, he is an enthusiastic Purina Feeder.

Whether you have registered or commercial cattle, whether you sell your calves off-the-teat or finish them for market, there's a Purina Cattle Feeding Program to fit your operation. Visit your Purina Dealer...at the Store with the Checkerboard Sign...ask him to tell you more about research and field-tested Purina Cattle Chews.

FEED PURINA...YOU CAN DEPEND ON THE CHECKERBOARD FOR
FLECO... implements, made in Florida at the company’s Jacksonville headquarters, include, above, a root plow designed for Caterpillar’s D-8 Series H tractors, and featuring 17 varied depth adjustments, and a rolling chopper (below) single drum, for controlling undesirable growth up to six inches in diameter.

...implementations concerning cattle (The Florida Cattlemans and International Brahman Review) ... After seeing you I visited several Brahman breeders in Florida, and was impressed with Duda and Sons and Norris Cattle Company stock ... I have a very nice 35mm. slide taken when we visited the Partin ranch near Kissimmee, which shows yourself, Bill Verigan (who accompanied me), and Ed Partin, standing in a field of Pangola grass ... I had a most interesting trip and was very fortunate in being able to visit the best breeders in the southern states ...

R. K. C. Snaddon
H. L. Hall & Sons, Ltd.

Thatcher Reports 276 Santa Gertrudis Cows

In your January issue, which carried a list of the Florida Santa Gertrudis breeders and the information about the number of animals in their purebred breeding herds, I notice that you have given the number of cows in my herd as 180, which is an error. We actually have 276 certified and accredited cows, the majority of which are branded “S.”

S. E. Thatcher

One Word Makes a Difference: Lester’s Ad Has Pedigree Wrong

My ad in this month’s Cattlemans advertising Major’s Mel at stud, has a mistake in his pedigree. His sire is listed as “Major Harris.” It should be Major King.

Mac DOLLAR says:
When you’re farming to make money, Swift’s your finest buy!

SWIFT & COMPANY • Agricultural Chemical Division
Winter Haven and Pompano Beach

Great Money-Making News for the Growing ’60s

Now! Every pound of Swift’s Specialized Crop Makers...

Pastures take on new life with Pasturgro, Swift’s Specialized Crop Maker for Pangola Grass. Improved Pasturgro builds mineral-rich pastures that livestock go for... lets you increase yields and your herd without adding acres... gives you more pounds of meat or milk for every dollar invested.

Pasturgro is made right here in Florida especially for our soils and weather conditions. It is formulated to take advantage of the nutrients already in our soils... and it contains extra growth elements for higher yields and quality.

This year, grow hardier, thicker stands of Pangola Grass with Pasturgro, Swift’s Specialized Crop Maker. See your authorized Swift Plant Food Advisor.

Cattle on Pangola Grass-White Dutch Clover pasture.

SWIFT & COMPANY
Winds work for you...when you spray "Swath-o-matically"

Now, you can take advantage of the wind by always spraying with it, never against it! Hanson "Swath-o-matic" Brodjet does it all for you automatically. When operating in strong side winds, you can spray to either side of your tractor with swaths up to 40-feet. Or in normal or head-wind, tail-wind conditions, you can spray to both sides with swaths up to 68-feet. Photos above illustrate.

It's FIVE farm sprayers in ONE, too!

You'll also like the outstanding versatility of the Hanson "Swath-o-matic" Brodjet—actually handles every job in a complete, year-round spraying program. A few are shown at right.

HANSON EQUIPMENT COMPANY
5011 North Ocean Boulevard
Delray Beach, Florida

Please send Hanson Swath-O-Matic Brodjet folder!

Name

Address

To my knowledge there is no "Major Harris." One of the main factors in selecting an animal to use as a sire is his pedigree. I don't think the one shown in my ad will do much good.

W. H. Lester

See correct pedigree in Mr. Lester's ad on page 97 of this issue.

Special Lundell Attachment Makes Shortest Flail-Cut Materials

AN OPTIONAL kit for all models of Lundell Super 60 chopper is now available, the company reports. Tests of the finely-chopped material produced with this kit during a cutting of alfalfa showed that 88.2 percent of the material was less than an inch in length, only 4/10 of one percent more than six inches in length. All was shredded and lacerated.

Fiberglass Troughs, Feeders Being Made in Sarasota

RUST-PROOF lightweight troughs, gates, and mineral feeders made of fiberglass will soon be available to Florida’s cattlemen from a Sarasota manufacturer named Long-Life Feeder and Equipment Company, owned by Bill DeLoach, who has been associated with Sarasota Cattle and Commission Sales for several years.

The new product is now being field-tested on several ranches in the Sarasota area with good results, DeLoach reports. Results are so good that the manufacturer plans to guarantee the product against breakage from livestock for a period of five years after purchase.

DeLoach will make only farm items under his present plans. His fiberglass contains an interlocking fiber arrangement which greatly increases its strength, he reports. While troughs, feeders and gates are already being made, other items will be added if demand justifies and if they are adaptable to the fiberglass product, says DeLoach.
NEW WAYS to speed quality haymaking on the Ranch

Mow faster, cleaner than ever before — choose from three Twin-Wheel drive mowers — each a new experience in smooth, quiet cutting. The 80-R rear-mounts on Snap-Coupler hitch. The 80-T trail-type brings Twin-Wheel drive to owners of any make tractor. The 80-S side-mounted unit provides "up-front" mowing plus drawbar freedom.

Rake it high, fluffy and fast — let sun and wind pour through the windrow for fast, even curing. Now your choice of GROUND or POWER TAKE-OFF drive in a parallel-bar rake . . . gives you smooth, short travel, gentle leaf-saving raking. And, if you want a side rake and tedder, try 2-in-1 trail-type No. 7 (shown in lower illustration).

Roll in more leaves

NOW! with quality hay in the windrow . . . KEEP IT . . . by packaging it in ROUND BALES. Gentle, roll-up compression saves more leaves, protects quality from summer showers and weather hazards.

Ask your dealer about new ROTO-BALER "over-drive" . . . now available as optional equipment to roll out the bales faster than ever!

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

Ask your dealer about the Allis-Chalmers plan to finance your time purchase of farm equipment.
Many of you have asked about our planned Bull Sales.

We are scheduling a circuit of 4 bull sales early in December of 1960, to be held on consecutive days at various strategic locations in the state. All bulls will be 2 years old, will meet strict requirements of quality and size, and will be catalogued by a new method that will permit the prospective buyer to get an idea of what the animal actually looks like.

We will sell pen lots of uniform bulls and will accept qualified bulls from any part of the country. Interested? Let me hear from you.

The recent Ocala Graded Bull Sale was a credit to Florida. Everyone connected with it deserves the thanks of the cattle industry.

Lightning destroys 13 valuable cattle... 21 steers killed in truck accident... rustlers steal 69 cattle from local rancher... fire destroys stable, 14 quarter horses lost...

All these disasters occurred in one Florida county in the past year. Similar accidents are regularly occurring in your area. Are you protected?

We can insure your cattle or horses against these losses. The policy will also protect your livestock from fire, lightning, trucking accident, collision with vehicles, flood and windstorm. It will cost about $2 per head each year.

Your inquiry will be welcomed.

Hi Folks!

Atlantic Insurance Underwriters
Ranch & Livestock Division

P. O. BOX 7005, FORT LAUDERDALE, FLA.

Telephone 1ogan 4-9631

William McGregor, Manager
Ranch and Livestock Division

NOW IT’S HISTORY

March 1940: A Story on Punta Rassa

"Florida’s greatest ‘ghost’ port” was the way George H. Dacy described Punta Rassa in an article in the March, 1940, CATTLEMAN... A story about King Ranch’s development of the Santa Gertrudis breed was another feature... And one writer reported that “both the judge and the buyers (at the Florida Fat Stock Show and Sale in Jacksonville) declared that the steers there were the best they had ever seen in Florida, and the equal of any to be found this side of Kansas City and Chicago.”

Draft Problems: Still Present in March ’45

An editorial in the March, 1945, issue scored induction of “men occupying essential and critical positions on farms and ranches thereby dangerously affecting... production of... food...”... Nassau County joined FCA... 198 entries made the registered Brahman show, held at Ocala for the first time, largest ever for the breed. (In the sale, one bull brought $2150.)

March 1950: Brahman Set a New Record

A new national record price for Brahman at auction—$5500—was paid at the Ocala sale, reported in the March CATTLEMAN... New Lykes pavilion was used at the State Fair in Tampa for the first time... The National’s public relations man praised Florida for its hospitality during the American National convention... Quarter Horses raced at Sunshine Park... And Utahans started Orlando Livestock Company with purchase of 135,000 acres.

Beef Promotion Needed Money in 1955

Low cattle prices resulted in lack of funds for a 1955 “Eat More Beef” campaign, similar to the one financed out of FCA reserves for $4500 during 1954. (This later resulted in Florida Beef Council)... A letter to the editor from F. R. Edwards of Plant City called attention to the possibility of screwworm eradication—and THE CATTLEMAN reported on the successful program on Curacao, in the Caribbean... Sun Lake Ranch sold an Angus heifer for $20,000 at its auction.

EVER JUDGE MULES?... Well, the county agents used to, when they had their training course at Gainesville. This photo was sent to The Cattleman by Hervey Sharpe of the agricultural news office at the University, and was taken in 1914. (We can’t identify the building, one of the University’s first. Can anyone?) We’ve sent Mr. Sharpe his $2.00—our standing offer for a usable old photo. They’ll be carefully handled, and returned undamaged.

The Florida Cattlemen
Now's the time to take advantage of Science's newest, proven tool to bring you quality beef, increased milk production... IDEAL 10-10-10 GRANULAR. Quality grass, high in protein, is naturally a major factor in producing quality beef and increasing milk production. Fine-quality Ideal 10-10-10 Granular has what it takes to grow such quality grass. That's why it's already a part of many fertilizer programs. It's easy-flowing, even-flowing, which makes it more economical to apply, and each granule contains the complete fertilizer to assure uniform feeding. So this year, depend on extra Ideal quality, as most Floridians have done for more than 65 years. Call your W&T Representative now. Let him help you put science to work to bring you maximum quality and production.
RADEBAUGH Gets Key Nat'l Cattlemen's Ass'n Office

First vice presidency normally means automatic election to president in two years; Vote is big honor to Florida

The biggest news for Florida—and for the South in general—out of the national cattlemen's convention at Dallas in late January was the election of Cushman S. Radebaugh of Orlando and Fort Pierce as first vice president—a position which for many years has meant elevation to the presidency two years hence.

In addition, a sweeping revision of the constitution, providing more recognition to the South, underlined the determination of the American National Cattlemen's Association to become a national organization in every way.

(The American National was begun by mountain states range cattlemen and they are still its largest financial supporters. Naturally, they have been reluctant to pass over control to the relatively new cattle producing areas of the South and East, which as yet, except for Florida, have not been large contributors financially.)

Florida's President J. O. Pearce, Jr., of Okeechobee made a highly effective floor talk favoring the new constitution, and in so doing, took most of the "steam" out of an effort by die-hards to amend it to keep unequal voting strength in the proposed new and stronger executive committee which will run the organization between conventions.

Under the new constitution, the South-east will have three of the 14 members of this body: Radebaugh, Second Vice President John Armstrong of Selma, Alabama, and Executive Committee Member Norman Winslow of Washington, North Carolina.

Florida was represented at the convention by a delegation of 35, including a strong one from Tampa and Hillsborough County which waged a losing battle against Salt Lake City for the 1961 annual convention. O. W. Dixon of Tampa, president of the Hillsborough County Cattlemen's Association, took charge of this effort, but the convention favored the western site due primarily to the fact that Salt Lake had been turned down in favor of Dallas for the 1960 meeting.

It is likely that Florida will have a good chance for the 1962 convention, should an invitation be extended.

A series of outstanding speakers featured convention sessions, one of the best being Dr. Harrell DeGraff of Cornell, who has been advising American National's Fact-Finding Committee for the past four years. (See box below.)

Another was the hard-hitting conservative Republican Senator from Arizona, Barry Goldwater, who had an audience which packed the large ballroom at Dallas' Statler Hilton Hotel, as he pointed out the problems of over-government facing the cattle industry. Some 40 resolutions (see page 27) were adopted by the National, many of them dealing with the perennial problems of western range cattlemen whose states are largely government-owned, with much range land available only under lease arrangements with the federal government.

Prices to Stay Constant

There's little chance that beef prices will take a disastrous tumble—nor is there much chance that prices will rise—the American National's Fact-Finding Committee Advisor, Dr. Harrell DeGraff of Cornell University, told Dallas convention delegates.

For the long-range future, DeGraff predicted that per capita beef consumption would be nearly 100 pounds by 1970, compared to the average for 1937-1958 of 66 pounds (with consumption exceeding 80 pounds per capita each year since 1953). Increased popularity of beef (as indicated by this increase per capita consumption), plus population growth and continued prosperity, should lend stability to the market for beef, he said.

Regarding today's market, DeGraff had this to say: "The present slump came earlier than expected, possibly because producers were better informed and acted quickly to slow the rate of increase in the national cattle herd. We do not face anything, barring drought or economic depression, like what happened when we had a 35 percent increase in beef production between 1952 and 1954."

Although DeGraff anticipated government estimates will show an increase of more than five million cattle during the past year, he does not feel that the total number is unduly in excess of human population growth. He predicted that imports of cattle and beef products will be reduced in 1960 from the record-setting levels of 1958-59, because increased culling will give us more cow beef and make the American market less attractive to imports. Exportable supplies in other countries are also down. Imports cut about $2 per hundred from the domestic price of cattle, he said, but that was partially offset by export of hides at good prices to foreign countries.
Franklin Leadership in Protection Against Blackleg and Malignant Edema is backed by IMPORTANT ADVANTAGES:

- No less than six selected strains of Cl. Chauvei (Blackleg) cultures and no less than four selected strains of Cl. Septicus (malignant edema) cultures are incorporated in each serial of Franklin Clostridium Chauvei Septicus Bacterin.

- These highly potent seed cultures are jealously maintained in Franklin's own culture "farm". Under a rigid system of constant checking, only those cultures are used that rate highest in resistance-building qualities.

- Continuous research accomplishes intensive growth of the cultures, resulting in a high concentration, which is chemically reinforced to slow down tissue absorption after injection. This results in a prolonged release of the immunizing antigens that build up high levels of resistance in vaccinated animals.

- Complete sterility and high potency are assured by constant testing at each stage of production.

- These extraordinary measures safeguard the quality of each Franklin Dose and account for its enviable record.

These important advantages are available to you in each of these highest quality Franklin Bacterins:

**CCS-2 BACTERIN**
(Cl. Chauvei Septicus Bacterin 2cc doses)
The standard of excellence and the choice of many stockmen for years, CCS-2 Bacterin offers the convenience of a highly potent 2cc dose; accuracy in administration; facility in filling syringes and administration.

**CCS-5 BACTERIN**
(Cl. Chauvei Septicus Bacterin, 5cc dose)
Protects calves against both blackleg and Malignant Edema.

**TRIPLE BACTERIN**
(Cl. Chauvei Septicus Pasteurella Bacterin, 10cc dose)
Protects calves against Blackleg, Malignant Edema and the Hemorrhagic Septicemia factor of Shipping Fever.

MORE CALVES, OVER THE YEARS HAVE BEEN PROTECTED FROM BLACKLEG AND MALIGNANT EDEMA WITH FRANKLIN THAN WITH ANY OTHER BRAND

**DEHORN YOUR CALVES WHILE YOUNG!**
It Pays to Dehorn Early! The wounds heal more quickly. Less shrink. More shapely heads bring higher prices. Why make a major job of a minor one?

**BARNES & ELECTRIC DEHORNERS**
Franklin Bloodstopper Powder that shrinks blood vessels, stops blood flow. Hastens healing.

**DEHORNING PASTE**—convenient and economical. No bleeding.

**TUBE DEHORNERS**—in four sizes. Scoop out horn button, shake on Bloodstopper and job is done.

**ELECTRIC BRANDING IS A SUCCESS USING**
L & H ELECTRIC BRANDING IRON
Over five years experience, with 15,000 satisfied users. Fast. Safe. Durable. Any special design made to order.

Franklin COPPER BRANDING IRONS Heat evenly. Hold Heat. Burn evenly. Contact your Dealer for details and prices.

DEHORN YOUR CALVES WHILE YOUNG!

For full details consult the free Franklin catalog. Sold by Franklin Dealers in all Trading Centers

**O. M. FRANKLIN SERUM CO.**
DENVER, KANSAS CITY, WICHITA, ALLIANCE, AMARILLO, FT. WORTH, MARFA, EL PASO, MONTGOMERY, LOS ANGELES, PORTLAND, SALT LAKE CITY, BILLINGS, CALGARY.
It isn’t how little a fertilizer costs but how much it does that counts!

Vertagreen® has been specially formulated for Florida soils!

Florida soils are different... and need special analyses to give you top production! ARMOUR recognizes the need, and for years has provided analyses keyed to Florida soils. Result? Extra thick pasturelands... longer grazing per acre... more meat and milk production at a lower feed cost.

Use VERTAGREEN FOR COMMERCIAL CROPS this year. It is the premium fertilizer that has been specially formulated for Florida soils. See your friendly ARMOUR agent right away for Vertagreen and other quality Armour Plant Foods!

Worth more because it does more!

ARMOU R AGRICULTURAL CHEMICAL COMPANY
Resolutions Were Passed by American Nat'l

Following are capsule descriptions of the resolutions adopted by American National Cattlemen's Association on January 30, 1960, at Dallas:

- Economy in government—Urging a balanced budget as a curb on inflation.
- Inflation—Commanding President Eisenhower for submitting balanced budgets.
- World Court—Opposing on grounds that it surrender United States sovereignty.
- Water rights—Asking Congress to affirm state control of water within the state's borders, and to compel federal agencies to conform.
- Meat inspection—Appreciation of federal service inspection.

Screwworm eradication—Urging its extension into the Southwest.

Disease control—Requesting USDA's Ag Research Service to continue study of alternative disease control methods.

Leptospirosis—Asking intensified research.

Beef grading—Urging that carcass yield of preferred cuts be considered.

Marketing practices—Opposing any limitation on on-farm selling of cattle and calves.

Cattle and Beef Industry Committee—Endorsing its continuation under American National.

Average income and retirement—Urging federal tax provisions providing tax protection for voluntary retirement benefits, and averaging of income for tax purposes over a period of 5-10 years.

Fact-finding—Discontinuing this committee, with recommendation that Dr. DeGraff be retained by, and the Fact-Finding functions transferred to, the Marketing committee.

Brand inspection—That mandatory branding should not be a prerequisite to brand inspection in those states having it, as stated by a federal examiner, and urging that the Secretary of Agriculture disapprove these findings.

Development of range lands—That the government develop public range lands just as it proposes developing timber and other resources.

Limiting game increases—That wildlife on public lands not be increased to conflict with the present allotted number of livestock.

Food-need study—Asking a federal study now of food needs in 1976 and in 2000.

Great plains program—Opposing its extension for a variety of reasons.

National monuments and parks—Asking that the federal government not discontinue grazing on them, or that it be continued.

Return of mineral rights—Asking that 90 percent of federal receipts from such rights be returned to the states from which collected.

Withdrawal of public lands—Seeking new legislation to make approval by Congress necessary to purchase additional lands.

Notice of appraisal of public lands classified for sale—That grazing lease be advised of appraised value, and notified that land is to be sold by federal government.

Compensation in loss of use of public land—That compensation paid on lands where loss is located determine the compensation when grazing rights are discontinued on public lands.

Indian lands—That earned income from submarginal lands on various reservations be transferred to school districts from which derived.

L. U. lands—That long-time purchase contracts be made available in case such lands are made available for sale.

Transportation—Asking certain tax advantages for railroads, and other changes in transportation laws relating to cattle shipments, including a requirement for no further increase in the gasoline tax.

Beef improvement—Favoring research to develop improved quality beef.

23rd Amendment—That the public be allowed to vote on amendment which abolishes federal income tax.

American markets and foreign trade—Asking repeal of the reciprocal trade law.

Meat imports—Asking Congress to enact quotas on importation of foreign livestock and meat products.

Investigation under "escape clause"—Asking investigation of meat imports under the "escape clause" in the present law, to curb imports.

Brucellosis—Recommending a special committee to extend brucellosis vaccination to the brucellosis-infected states, and to free the remainder of the nation from the disease.

Free market—Asking a proposed law making state where free market at 7 million of live cattle legal.

Nutrition—Urging strong effort to allow deductibles for beef promotion, now prohibited by federal law at federally-inspected markets.

for March, 1960
The 1960 edition of the Florida State Fair attracted livestock entries in all divisions to provide some of the keenest competition ever seen at the event.

Howard Johnson, Inc., of Florida had the honor of being the buyer of the grand champion steer—an 862-pound Angus shown by Tommy McPhillips of Plant City—paying $3.26 per pound to gross the FFA member $2725.36. Breeder of the grand champion was Lookout Plantation, Bonifay; Grand champion female: Infanta, Lazy W Ranch, St. Petersburg; Reserve grand champion bull: Jumper 108, DS Ranch, Clearwater; Reserve grand champion female: Louise, Lazy W.

Charolais—Grand champion bull: Arrogant Man, Bryant Pearce, Quitman, Georgia; Grand champion female: Francois, Lazy W Ranch, St. Petersburg; Reserve grand champion bull: Jumper 108, DS Ranch, Clearwater; Reserve grand champion female: Windsweep Venus, 5, Windsweep Farms, Thomaston, Georgia.

Santa Gertrudis—Grand champion bull: JF Zato Heiress 531, Jo-Su-Li Farms, Colquitt, Georgia; Reserve grand champion bull: JF Zato Heir 525, Jo-Su-Li; Reserve grand champion female: Windsweep Venus 5, Windsweep Farms, Thomaston, Georgia.

Hereford—Grand champion bull: C A Victor Anxiety 34, Circle A Ranch, Sandersonville, Georgia; Reserve grand champion female: Red Streak, Panuela Farms, Uleta; Reserve grand champion bull: Velbertan’s Duke, Velbertan Lake Ranch, Odessa; Reserve grand champion female: Infanta, Palmer;


Detailed results by classes are listed as follows: Angus, page 40; Brahman, page 60; Charolais, page 84; Hereford, page 70; Santa Gertrudis, page 80B; and Shorthorn, page 78.

Largest buyer at the Tampa steer sale was Publix Stores, buyer of 22 steers for a total of $3434.70. Altogether, 101 steers with a total weight of 87,011 pounds sold for a total $42,734.80, averaging slightly over 49 cents a pound, or $42.31 a head.

Other buyers were: Howard Johnson, Inc., of Florida; Kwik-Chick Stores; Commercial Solvent; Lykes Brothers; Stilblank Brothers; Exchange National Bank; Joe Wedel’s Tobacco Company; Duda; and others. The grand champion female was Palomino’s Juliet, sold to Howard Johnson, Inc., for $3.26 per pound.

CHAMPION 4-H . . . steer at Tampa (also reserve grand champion) is posed by Lynn Nicely.

FFA RESERVE . . . champion at the State Fair was this entry—also an Angus—owned by Dennis Diaz.

4-H RESERVE . . . in the Tampa competition was still another Angus, shown by Sam B. Baker.
GRAND CHAMPIONS in six breeds were chosen in the 1960 Southeastern Fat Stock Show, 20th annual event of its kind, held January 20-22 at Ocala and followed by the sale of fat steers on January 23.

In the steer show, championship honors were divided between Angus, Hereford, and a red Angus.

Grand champion of the show was an Angus weighing 1096 pounds, shown by Albert Corte of Loxley, Alabama, in the adult division. Morrison's Cafeteria, Ocala, bought the animal for $734.32 at 67 cents a pound, highest price ticketed in the show. Another Angus in the same division won the reserve championship, and sold for 43 cents a pound to Publix Market, grossing $377.54 for the exhibitor, Peggy Traux of Fiatt, Illinois.

The 1082-pound red Angus, only one of that breed in the show, was declared 4-H champion. The steer was exhibited by Jimmy Holben of Lake Wales, and sold to the Orlando Sentinel for 49 cents a pound, grossing the young owner $530.18. Reserve 4-H champion, a Hereford shown by Ray Umbaugh of Ocala, brought $403.48 from Kwik-Check stores for the 44 cents a pound steer.

FFA member Tommy McPhillips, Plant City, led a 1072-pound Hereford to...
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New TUXEDO BULLSEYE SUPPLEMENT gives your range cattle everything they need except roughage. And you save money because even the poorest roughage can be used.

Tuxedo Bullseye Supplement is a new free-choice range cattle mineral supplement, especially formulated for Florida conditions by the Tuxedo Mills at Tampa. Tuxedo Bullseye is nutritionally balanced; contains all the minerals, vitamins and protein compounds needed to grow healthier and heavier cattle on Florida Ranges.

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Please send me your FREE folder on how to cut my cattle feed costs with new TUXEDO BULLSEYE SUPPLEMENT.

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'PERMACO' Gives New Life To 25 "Poor-Doing" Yearlings!

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5 Weeks After 'PERMACO' Bulleting!

"I had 25 heifer yearlings which were sick. Veterinarians were unable to diagnose the trouble and in fact a few heifers died. I decided to use 'PERMACO' Cobalt Bullets and the results have been most encouraging. It is 5 weeks since the animals were given 'PERMACO' and already there are noticeable signs of improvement. More alertness and improved appetites are apparent, together with a generally improved coat. Weight gains have been achieved."

DAVID WALDRON, Flying-B Ranch, Okeechobee, Florida

If You Have Even ONE Unthrifty Animal—
Look For Dramatic Results With 'PERMACO'!

Here's how to prove that a continuous supply of Cobalt is vital to your herd's health. Pick out your worst animals—scrubby or unthrifty cows; weak and puny calves; unthrifty or poor-doing yearlings. Dose them with a single 'PERMACO' Cobalt Bullet. You'll get results you can notice immediately!

All cattle MUST have a CONTINUOUS supply of cobalt to produce the important health and growth Vitamin B-12. Florida pastures and grasses contain little or no Cobalt—can't provide the FULL supply that cattle need. One 'PERMACO' administered with a balling gun remains in the rumen for up to 12 months, assuring the continuous supply of Cobalt not provided by cobaltized salt, drenches or mineral boxes.

Actual field trials show that 'PERMACO' results in earlier shedding of winter coats, slicker coats with good sheen; quicker get-away after weaning or admission to dry lot; healthier, faster-gaining calves; reduced worm infestation; quick improvement in sick and scruffy animals; and a MINIMUM of 10 percent to 22 percent average EXTRA weight gain! Bullet now—upgrade your unthrifty animals and protect your entire herd against Vitamin B-12 deficiency all year long. Get 'PERMACO' from your veterinarian or regular supplier TODAY!

'PERMACO' LASTS FULL YEAR!

'PERMACO' was designed for the specific size and weight that would be retained in the rumen indefinitely—releasing a continuous supply of cobalt daily. Intensive research verified this performance—thousands of cattle were checked periodically with special X-Ray Fluoroscopy equipment. 'PERMACO' is retained in the rumen to provide at least 12 months supply of Vitamin B12.

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This new high-production strain of Sorghum Almus Grass was introduced from Australia just a few years ago. It has proven to be very successful in the United States, particularly in the southern states. The grass is drought-resistant and can grow in a wide variety of soil types. It is a perennial plant that is easy to grow and has a high feed value, making it a good choice for grazers and hay producers.

Grass is cut and harvested in 49 days, producing over 4 tons of hay per acre. The grass is high in protein, vitamin A, and palatable for livestock. It is also low in cost, making it a good choice for farmers looking to increase their milk production.

Grazing reports show that the grass is low in cost and high in protein and vitamin A, making it ideal for grazing and hay or ensilage. The grass is also high in palatability, making it a good choice for livestock feed.

Order now for spring planting, and grow this new hybrid forage grass on your farm or ranch. It is a great way to increase your milk production and provide high-quality feed for your livestock.
Continuing the Stalnaker custom of supporting 4-H and FFA activities, we again bought one of the fine steers at the Florida Fat Stock Sale at the State Fair. This year we received an extra reward. Besides having the pleasure of participating in the sale, the steer we bought dressed out the grand champion carcass. Our thanks to 4-H Member Claude Gibbs of Pensacola for doing such a fine job of feeding and fitting.

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INDIVIDUAL . . . desks and closets are furnished for each boy. Boys live two-to-the-room.

NEATNESS . . . and cleanliness is required in the boys' rooms as well as the rest of the building.

FINE FISHING . . . and swimming can be had in the Suwannee River, at the boys' back door.

THESE HEIFERS . . . have been put in the feedlot where they will be fitted for youth shows.

THESE TWO . . . bulls, used as herd sires, were donated to the Ranch by Florida ranchers.

A Place for Misplaced Boys

Florida Sheriffs Boys Ranch is a dream come true

WHEN YOU drive under the sign which reads "Florida Sheriffs Boys Ranch" you would never dream that less than three years ago that's all this place was—a dream.

In August, 1957, Florida Sheriffs Association adopted as their project "A home for needy, neglected and unwanted boys." Last month when THE CATTLEMAN visited the "ranch" 20 boys were living there and by the time you read this 12 more will have moved in.

This is not a "Reform School" for young criminals. It is similar to Father Flanagan's famous Boy's Town, in Nebraska, and its program is designed to keep boys from becoming young criminals.

The Ranch is a non-profit venture supported by voluntary contributions of individuals and organizations. It is a unique venture—the first of its kind created and operated by law enforcement officers.

The Ranch is located 11 miles north of Live Oak on the banks of the Suwannee River. It covers nearly 800 acres of good soil, most of which is now producing feed for the Ranch's cattle and pig herds.

Besides cash contributions, many people have donated livestock and materials. A purebred Angus herd is now producing some good calves. The pig crop is also good. Some of these will be used for further breeding and still others will be sold to help support the Ranch.

Deciding which animals will be used for what—along with managing the whole operation—is Vincent Jones, a former vocational agriculture teacher. Actually, selecting animals is a very small part of Jones' job.

It all adds up to two things—an idea a group of men made into reality and a place for the boy who "isn't really a bad boy, but just needs a good home."
Congratulations to Jack Smith
Pompano FFA member
who showed the reserve grand champion carcass at Tampa—a son of Mole's Hill Eileenmere 79th.

Our Consignment
To the Angus Jubilee Sale at Palmetto on April 2 will include the following:

Cows with calves by Mole's Hill Eileenmere 79th—Show daughters of 79th, way along in calf to Whitneymere 512th—Open daughters of 79th, Whitneymere 150 and Anokamere 50th—Five top young sons of 79th.

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Mr. & Mrs. James Farquhar, Owners
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NEW MARKETS . . . association officers pose with others interested in marketing after election at Tampa, from left: Vice President Kenneth Caldwell of the Kissimmee market; Prof. W. K. McPherson of the Agricultural Economics Department, University of Florida; President George Young of the Glades market, Belle Glade; and President J. O. Peares, Jr., Okeechobee, head of the Florida Cattlemen's Association.

P & S Meeting
Held at Tampa

The Packers and Stockyards Administration will take jurisdiction over Florida sometime in the next few months—but when it doesn't disturb any legitimate cattle marketing activities—W. C. Ball of the Administration's Fort Worth, Texas, office told Floridians at a meeting in the Florida Hotel, Tampa, January 23.

But C. T. "Tad" Sanders of the National Association of Livestock Auction Markets pointed up the worry of many Floridians when he said "the P&S needs to be in the status of a regulatory endeavor, not an advisory one," adding however that "the public looks to this kind of law, both state and federal, to encourage greater confidence in the markets."

Primarily, P&S seeks to see that all auction markets (and meat packers and traders buying independently) are financially responsible and follow good fair trade practices, Wall said.

One big worry about P&S is its insistence that automatic deductions (such as the returnable 10 cents per head for beef promotion) are not legal, and President J. O. Pearce, Jr., was on hand to point out strongly that this is an established procedure in Florida and should not be hampered by P&S.

Upshot is that Florida markets will be asked by the Florida Association of Livestock Markets to insert provision for this deduction in their tariffs.

Many questions were asked by the 100 or more who attended. The program was led by Doyle Conner of Starke, former speaker of the Florida House of Representatives, and other speakers included: Ralph Gee, Orlando, president of the Florida Meat Packers Association; J. B. Hawkins, Tampa, speaking for meat packers; L. R. Trapnell of the State Department of Agriculture, Tallahassee; and George Young, Belle Glade, president of the Markets association.
BLACKSTRAP MOLASSES

Our USSC's brand of Blackstrap Molasses is available in seven different grades—"Standard"; "Heavy" (Mill-Run); and in five (5) special mixes, each tailored to fit a specific Florida condition: Mix No. 1, fortified with urea only; Mix No. 2, fortified with urea, essential minerals and low-level phenothiazine; Mix No. 3, fortified with minerals and low-level phenothiazine; Mix No. 4, fortified with minerals only; and Mix No. 5, fortified with urea and minerals. The following is to assist you in properly evaluating our heavy Blackstrap Molasses and Blackstrap Molasses mixes.

ENERGY: The Nitrogen-free Extract content in our blackstrap molasses is *64.0%, as compared to 65.3% for ground snapped corn.

TOTAL DIGESTIBLE NUTRIENTS (T.D.N.): Based on the values in Table 1 of the Appendix of the 22nd Edition of Morrison’s “Feeds and Feeding,” 5 pounds of USSC’S HEAVY BLACKSTRAP MOLASSES has an equivalent T.D.N. value of 4.33 pounds of a feed mixture consisting of: 1 pound of 41% cottonseed meal and 3.33 pounds of ground snapped corn. 5 pounds of either of our blackstrap molasses mixes containing urea, has the equivalent T.D.N. value of 4.75 pounds of a feed mixture consisting of: 1 pound of 41% cottonseed meal and 3.75 pounds of ground snapped corn.

PROTEIN: We guarantee a minimum of 7.0% crude protein in our heavy blackstrap molasses which has a Total Digestible Protein of *4.7%. In the blackstrap mixes containing urea, we guarantee a crude protein, or protein equivalent, of 15.0% and the estimated Total Digestible Protein is in excess of 11%.

MINERALS AND VITAMINS: Minerals have been added to each of the blackstrap mixes No. 2, 3, 4, and 5, to the extent that one can reasonably assume that cattle, consuming 4 or 5 pounds of either of these mixes per day, as a supplement to grass, will be receiving their minimum daily requirements of each of the essential minerals and trace elements known to be deficient in our Florida grasses. In the case of vitamins, blackstrap molasses is the richest natural source. Set out in table form below, are the guaranteed minimum content of minerals and vitamins for Blackstrap Mixes No. 2, 3, 4 and 5.

GUARANTEED MINIMUMS REGISTERED WITH THE STATE OF FLORIDA

<table>
<thead>
<tr>
<th>MINERALS:</th>
<th>Percent</th>
<th>VITAMINS:</th>
<th>Per Pound</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iron (Fe), not less than</td>
<td>0.02</td>
<td>Thiamine (B1)</td>
<td>0.226 Mg.</td>
</tr>
<tr>
<td>Calcium (Ca), not less than</td>
<td>0.85</td>
<td>Riboflavin (B2)</td>
<td>1.02 Mg.</td>
</tr>
<tr>
<td>Phosphorus (P), not less than</td>
<td>0.34</td>
<td>Biotin</td>
<td>0.907 Mg.</td>
</tr>
<tr>
<td>Copper (Cu), not less than</td>
<td>0.005</td>
<td>Pyridoxine Hydrochloride (B6)</td>
<td>2.44 Mg.</td>
</tr>
<tr>
<td>Cobalt (Co), not less than</td>
<td>0.00004</td>
<td>d-Pantothenic Acid</td>
<td>10.0 Mg.</td>
</tr>
<tr>
<td>Magnesium (Mg), not less than</td>
<td>0.50</td>
<td>Niacin</td>
<td>7.7 Mg.</td>
</tr>
<tr>
<td>Manganese (Mn), not less than</td>
<td>0.001</td>
<td>Vitamin B12</td>
<td>0.0035 Mg.</td>
</tr>
<tr>
<td>Aluminum (Al), not less than</td>
<td>0.02</td>
<td>Vitamin C</td>
<td>13.6 Mg.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Vitamin K</td>
<td>0.028 Mg.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Vitamin E</td>
<td>16.3 Int. Units</td>
</tr>
</tbody>
</table>

PARASITE CONTROL: Low-level phenothiazine has been added to both Blackstrap-Mixes No. 2 and 3, at the rate of two grams for each 5 pounds of mix, as an aid in the control of internal parasites. According to researchers, the continuous low-level feeding of from 1-1/2 to 2 grams of phenothiazine per day, prevents the development of eggs and larvae of internal parasites.

OTHER FEATURES: Blackstrap molasses is recognized as one of the very best appetizers for livestock and a real roughage "buster"; it causes the cattle to eat more of the unpalatable grasses and its unique combination of energy, protein, minerals and vitamins stimulate the activity of the bacteria in breaking down and digesting more of the cellulose or fiber, resulting in a more efficient use of our Florida grasses.

COST ADVANTAGE: Traditionally, molasses is lower in cost, on a relative feeding value basis, when compared with other supplements or concentrates. Besides, Florida cattlemen have the significantly added advantage of being located close to the source of supply and are in a position to buy directly from the producer, resulting in tremendous savings in both handling, f.o.b. price and transportation costs.

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FLORIDA
Dundee Sets Youth Sale
March 26

Only youngsters can buy—but adults are welcome to look—at Dundee Ranch’s annual feeder calf sale, scheduled for the ranch near Lutz on Saturday, March 26.

The sale is restricted to FFA and 4-H Club members only, according to Ranch Manager Charlie Moore. However, vocational agricultural advisors and county agents will be permitted to purchase steers for boys and girls who are unable to attend the event.

A full day of outdoor activity has been planned for the boys and girls, their parents and friends. A type demonstration is slated for 11 a.m., to be followed by a ranch style luncheon at noon, with the actual sale of the steers set for 1 p.m.

50 top-quality Dundee steers will go to the auction block during this sale. All animals are guaranteed in good health, all are of pure Angus bloodlines and are halter broken. Average weight of the steers is 450 pounds, and buyers are expected to come prepared to take the animals home after the sale.

Arrangements have been made with a local Tampa bank to finance the purchase of a steer for any deserving youngster who desires this service.

The entire program of the yearly sale is based on the desire of Owner Ralph Cordiner to promote the participation of youngsters in the livestock industry, with special emphasis on the Florida Fat Stock Show held each year at the Florida State Fair in Tampa. The type demonstration to precede the luncheon, is added as an educational feature for young club members and will include hints on grooming and preparing steers for shows.

Three young buyers at last year’s sale won top honors at the 1959 Florida State Fair Carcass contest: Jerry Kelly, of Tampa, had the grand champion carcass of a heavy-weight division; Raymond Tamargo, Jr., of Odessa, had the reserve grand champion carcass of a lightweight division and James Smith, Jr., of Florida, had the second place carcass in a heavy-weight division.

“We’re lucky to be able to work with these ambitious youngsters,” says Dundee Manager Charlie Moore. “Both Mr. Cordiner and I feel that success at such an early age will mean better cattlemen in the future.”

Dundee’s owner, Ralph Cordiner, is chairman of the board of General Electric Company.

The week beginning May 22 has been designated Soil Stewardship Week, to be observed by members of the National Association of Soil Conservation Districts.

Dale Foster
Phone WALnut 8-2991
After 8:00 p.m. Daily
Arcadia, Fla.
Manatee County Fair Reported

JIMMY KILCREASE of East Bradenton and his mediumweight Angus steer swept their way to the grand championship of the livestock show at the Manatee County Fair January 25-30. Jimmy’s well-groomed entry was also declared 4-H champion. It was a triumphant occasion for the young stockman, who won reserve championship honors last year.

Reserve grand champion of the show, also 4-H reserve champion, was a Short-horn steer exhibited by Butch Brown, Parrish.

Angus, Brahman, Santa Gertrudis and Charolais were shown in the open beef breeding classes.

P. W. Fulton of Bradenton and C. J. Hughes of Ellenton divided honors in the Angus division. Fulton’s Bandolier of Sugihara 5 took grand champion bull title, and his Bandolier Blackcap of Sugihara was reserve champion. Hughes showed Blackcap 3170 of Sun Lake to grand champion and Hughes Melody Queen to reserve grand championship in female classes.

Brahman breeders G. T. Stack and Sons, Tampa, carried off trophies for their: Champ, grand champion bull; Night Flower II, grand champion, and Star, re-

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FEATURING:
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SORGHUMS
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MANATEE ... fair champion Charolais cow was this individual pictured with Manager Vernon Wallers of Blue Bird Ranch.

5G CHAMP ... bull at the Manatee Fair was shown by Palmer Ranch, is held in this photo by Gary Jones.

for March, 1960
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25 REGISTERED BRAHMAN BULLS

FRANK BASS

WAUCHULA, FLA.

serve grand champion, females. The reserve grand champion bull was JDH Rex A Sota Manso, owned by Tom Chaires and Son, Bradenton.

Top honors in the Santa Gertrudis group were captured by Palmier Ranch, Sarasota, with Haragan champion bull and Alberto reserve champion; also Labella champion, and Anita reserve champion, females.

Charolais winners were Queen Rue, grand champion, and Miss Theodore, reserve champion, both owned by Mrs. Lawrence K. Jennings, Blue Bird Ranch, Bradenton.

Hansdale Farms, Oneco, Guernsey breeders, won heavily in the adult dairy division, showing the grand champion bull, Sequel's Southern, the grand champion cow, Adell Farm Cinderella F. Doreen, also named senior champion; and the reserve champion and junior champion heifer, Donegan Farms Mister's Minerac. The reserve grand champion bull, also declared junior champion, was Matoaka Lactus Conrad, shown by Walter Schmid and Son, Talleysvll.

First places in FFA judging contests were won by Ronald Keck, Roger Craton, Rudy Crosby and Clinton Carter; seconds David Rose, Edwin Stewart, Ronald Stewart and David DeSear; thirds Wayne Stokes, Billy Howard, Mike Nickolas and Lee Bryan, all representing the Bradenton Chapter. The Southeast Chapter scored with Philip Massey, Ronald Yancy, and Gary Brethauer, winners in several dairy cattle judging events.

Blue ribbon winners in the youth division, listed in order by classes, were as follows:

Youth Steers
4-H lightweight—Bulls: to Susan Lescenski, Parrish; Bill Terry, Oneco; Patty Webes, Anna Maria;
4-H mediumweight—Bulls: to Jimmy Kilcrease (grand champion), East Bradenton; Gay Carter, Palmetto; Jim Carter, Palmetto; Paul Lescenski, Parrish; Ralph Powell, Bradenton;
4-H heavyweight—Bulls to Butch Brown (reserve grand champion), 4-H reserve champion), Parrish; Jim Carter;
FFA lightweight—Bulls to Roger Craton, Bradenton; Bradenton FFA Chapter; Bradenton FFA Chapter;

Youth Beef Calf
4-H Angus—Junior heifers: Blues to Curtis Wayne Hughes, Ellenton (champion); Aged cows: Blues to Hughes (champion).

Youth Dairy Cattle
4-H registered Ayrshire—Two-year-old heifers: Blue to Terry Reagan, Bradenton; Aged cows: Blue to Gains;
FFA—Junior heifers: Blue to Mary Ellen Conarroe, Palmetto (champion); Junior heifers: Blues to Terry Reagan, Elaine Reagan, Bradenton;

Youth Dairy Cattle
4-H registered Ayrshires—Junior yearling heifers: Blue to Terry Reagan, Bradenton;
FFA—Junior heifers: Blue to Mary Ellen Conarroe, Palmetto (champion); Junior heifers: Blues to Terry Reagan, Elaine Reagan, Bradenton;

Angus
Aged bulls (1) —Kinlochian 1872, Hughes Angus Ranch, Ellenton;
Senior yearling bulls (2) —Bandolier Blackcap of St. (reserve senior champion), F. W. Fulton, Bradenton; Bandolier 18 Sun Lake, Hughes; Senior yearling heifers (2) —Bandolier of Sugihara 185, Fulton; Bandolier of Sugihara 276, Fulton;
Senior yearling heifers (2) —Hughes Elsenberry 999, Hughes; Hughes Black Knight 1, Hughes; Senior bull calves (3) —Bandolier of Sugihara 1 (grand champion), Fulton; Hughes Black Knight 20, Hughes; Bandolier of Sugihara 4, Fulton; Junior bull calves (1) —Hughes Black Knight 198, Hughes;
Youth steers (4) —Hughes to Butch Brown (reserve grand champion), 4-H reserve champion), Parrish; Jim Carter;
FFA—Junior heifers: Blue to Terry Reagan, Bradenton;
FFA—Junior heifers: Blue to Mary Ellen Conarroe, Palmetto (champion); Junior heifers: Blues to Terry Reagan, Elaine Reagan, Bradenton;

Brahmans
Two-year-old bulls (2) —Champ (grand champion), G. T. Stack and Sons, Tampa; JDH Het A Sota Manso (reserve grand champion), Tom Chaires and Son, Bradenton;
Senior yearling bulls (1) —Prince George, Stach; Junior yearling bulls (2) —Hector, Stack; Occar, Stack;
Senior bull calves (1) —Fryatt II, Stack; Junior bull calves (4) —Duke II, Stack; Hector II, Stack; George II, Stack;
Summer bull calves (1) —Oscar II, Stack; Junior yearling heifers (1) —Night Flower II, Stack; Junior yearling heifers (1) —Night Flower II, Stack.

G. T. STACK... showed the grand champion Brahman at the Manatee County Fair, held at Palmetto.

CHAMP ANGUS... bull at Palmetto was this individual, held by Owner P. W. Fulton of Bradenton.
BEST STEER ... was an Angus at the Manatee County Fair. Holding the top individual is Bob Curtis.

Grand champion, Stack;
Senior heifer calves (1) — Star (reserve grand champion), Stack;

Guernseys
Junior yearling bulls (2) — Matoaka Honor Knight, Walter Schmid and Son, Tallevast; Edisto Farms G. Roland, Hansdale Farm, Sarasota;
Senior yearling bulls (1) — Matoaka Lucius Conrad (reserve grand champion, junior champion), Schmid;
Aged bulls (1) — Sequel's Southerner (grand champion), Hansdale;
Heifer calves (4) — Matoaka Honor Rose Tulip, Schmid; Maro Kingman's Kay, Maro Guernsey Farm, Sarasota; Matoaka Honor Miss, Schmid;
Junior yearling heifers (3) — Matoaka F. Sadie Lou, Schmid; Matoaka Lucius My Desire, Schmid; Calico Acres Loleat's Holly, Hansdale;
Senior yearling heifers (4) — Donegan Farms Mister's Mindy, (reserve grand champion, junior champion), Hansdale; Calico Acres Alice's Home, Hansdale; Matoaka Lucius Lady Freesia, Schmid;
Two year old cows (2) — Donegan Farms Loyals Pancha, Hansdale; Calder Farms K. Kitty, Hansdale;
Three year old cows (4) — Donegan Farms Mister's Cojita, Maro; Calico Acres Chambrcy's Fawn, Hansdale; Matoaka Duchess Isabelle, Schmid;
Four year old cows (3) — Donegan Farms Odesza, Hansdale; Matoaka Duchess Barbara, Schmid; Ben Bow Sal Edna, Maro;
Cows five years and over (2) — Adell Farm Cinderella F. Doreen (grand champion, senior champion), Hansdale; Matoaka Duchess Nellie Frances, Schmid;

Thinning Profitable
Thinning dense stands of young pines for farm fence posts can be profitable in more ways than one. Net returns of from one to seven cents a post are reported. Other benefits are increased diameter growth and improved timber quality of the remaining trees.

"COOL AS a cucumber" makes sense. The internal temperature of a growing cucumber is about 20 degrees lower than the field heat on a sunny day.

Florida Favorite Fertilizer
COSTS NO MORE
Remember this! Florida Favorite Fertilizer costs no more, yet it meets the specific needs ... the specific requirements that makes Florida soil more productive!

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EVERYTHING IN LIVESTOCK SUPPLIES
Quality Merchandise, Largest Stock, Fast Service, Fair Prices

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Located at
GAINESVILLE LIVE STOCK MARKET
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Gainesville, Florida
A huge offering of 220 purebred Angus cattle will sell in the Florida Angus Association's second annual Angus Jubilee Sale set for Saturday, April 2 at the Manatee County Livestock Pavilion in Palmetto, according to Gary Brown of Kissimmee, sale manager of the event.

The consignment includes the variety of purebred cattle that is designed to attract both purebred and commercial cattlemen from throughout the state. The sale should also provide a good opportunity for cattlemen to buy good Angus bulls since 60 head will sell. Many well-bred animals suitable for purebred herd sires are included in the bull offering.

In addition to the bulls, the consignment includes 54 open females, 64 bred females and 38 cows with calves at side (many of these will sell rebred). PFA and 4-H members will also be interested in the consignment which includes four quality steers in addition to many heifers that would be ideal for youth projects.

Paul Good of Van Wert, Ohio and R. D. Cooper of Sarasota will serve as auctioneers for the event which will get underway at 10:30 a.m. Lunch will be available on the grounds.

"This is the largest consignment of purebred cattle ever offered by Florida Angus breeders," Brown said, "and this year's offering ranks high from the standpoint of quality cattle that will sell. Many will be show animals."

Brown reports that the sale features are many, with the grand champion bull at both the 1959 Sumter All-Florida Breeders' Show at Webster and the 1959 Greater Jacksonville Fair selling and the senior champion bull at the 1990 Florida State Fair at Tampa included in the sale, while several females in the offering will feature the service of Whitemeyere 512, supreme champion of the All-American Angus Futurity and an International Reserve champion.

Last year's successful first annual event for the association saw just short of 200 head sell and this year's sale is termed the largest ever sponsored by the association.

The first item on the agenda for the two-day event will be the classification of sale entries beginning at 8:00 a.m. on Friday, April 2, with Price Brown of Sinkola Plantation, Thomasville, Georgia, being present to classify the animals into AAA, AA and A groups.

Friday afternoon it is planned to have the top group of cattle placed and select champions.

Other activities slated for Friday include an association-sponsored banquet at 7:00 p.m. at the Manatee River Hotel in Bradenton, which will serve as sale headquarters for the Angus Jubilee. Joe Keefauver of Jonesboro, Tennessee, president of the American Angus Association, will address Florida Angus breeders at the banquet, while J. E. Pace, University of Florida extension animal husbandman, will serve as master of ceremonies.

Leonard Balaban of Bonifay, president of the Florida Angus Association, reports that anyone interested in the Angus breed is invited to attend the banquet.

Consignors to the Jubilee sale, all from Florida, are as follows:

Circle R Ranch, Lake City; Limona Farms, Limona; Turkey Creek FFA Chapter, Turkey Creek; D D Farms, Wauchula; S. Schipper, Miami; Deris Angus Ranch, Tampa; C. D. Hughes and Son, Winter Haven; T. W. Baker and Sons, Keystone Heights; J. B. White, Starke; Hughes Angus Ranch, Ellenton; University of Florida, Gainesville; R. D. Bennett, Greenwood; Thompson Brothers Farm, Marianna; Lookout Plantation, Bonifay;

El Clair Farms, Lake Worth; P. W. Fulton, Bradenton; Hollis Lane, Graceville; Choctaw Ranch, Defuniak Springs; Dundee Ranch, Lutz; M & M Ranch, Loxahatchee; Knollwood Angus Ranch, Bartow; Gulfstream Farm, Fort Lauderdale.

The Florida Cattlemans Association

The appointment of David W. Jones as associate agronomist with the Florida Agricultural Extension Service in Gainesville has been announced by Dr. M. O. Watkins, director.

Jones is a graduate of the University of Florida and received his masters degree in soils from the same institution. He has been with the extension service since January, 1957, and has served as associate county agent in Lee, Charlotte, Hendry, Glades and Collier counties.

In his new position, Jones will work primarily in central and southern Florida, cooperating with J. R. Henderson, extension agronomist.

UF Short Course Plans Completed

Actual demonstrations, lectures, illustrated talks and movies: all will have a place on the 1960 Beef Cattle Breeder's and Herdsman's Short Course program, scheduled April 21-23 at the University of Florida.

The stress will be on the new developments—artificial breeding, outlook for prices, import and export policy, records, tax planning, production testing, with a special section on beef cattle production problems in Latin American countries which will be of interest to Floridians, and should also attract some foreign visitors.

The Florida Cattlemans Association will again utilize time provided in the busy Short Course program to present its "premier" awards: certificates presented by the magazine to the breeder in each of the breeds showing in Florida who had the highest point total based on winnings at all 1959-60 fall and winter shows in the state.

Breed representatives from the cattle breed associations will take part in the program, and will be available to answer any questions concerning their breed of cattle. This year considerable emphasis is to be placed on artificial insemination, according to Dr. T. J. Cunha, head of the University's department of animal husbandry and nutrition, with a whole day devoted to demonstrations and discussions.

An award from the Florida Bankers' Association will go to the Florida cattlemen doing the best job on his production-testing program, Cunha reports.

The Short Course is co-sponsored by the University, the Florida Cattlemen's Association, and the seven breed associations, with cooperation from the Alachua County Cattlemen's Association. Participating are: Eastern Brahman Association, Eastern States Brangus Association, Eastern Charolais and Charbray Association, Florida Angus Association, Florida Hereford Association, Florida Santa Gertrudis Association and Florida Shorthorn Breeders Association.

Out of state speakers are: Wayman G. Chapell, Doane Agricultural Service; Dr. R. A. Ioannes, Foreign Agricultural Service, USDA; John I. Spooner, Donalsonville, Georgia, Hereford breeder; Don Smith, Prattville, Alabama, commercial cowman; Harry Gayden, executive secretary, American Brahman Breeders Association; Dr. H. E. Robinson, vice president in charge of research for Swift and Company; D. W. Chipman, director of Armour and Company's Beef Cattle Improvement Research; and Dr. David Bartlett of American Breeders' Service.
A Triple Play at Tampa!

Grand Champion Bull
White Gates O. B. 65

Our latest herd sire acquisition, sired by the "Rump" bull, O. Bardoliermere 53rd, one of the most popular breeding bulls in the country today.

Grand Champion Female
Balabandella E 2

Bred by Lookout Plantation, she is the first Florida-bred animal to win a grand championship at the Florida State Fair since 1953. She is third in a line of show-winning LOOKOUT ERINTHIAS, out of the great producing cow, Erinthia of Calmar 6th, whose first two calves by Bandolier of Anoka 70th were Florida's Premier bull and female two years ago.

Grand Champion Steer
Shown by Tommy McPhillips

This top steer, bred by Lookout Plantation, was shown by Tommy, a Plant City FFA member. This steer represents two generations of Lookout Plantation breeding, being sired by Evader of Sinkola and out of a dam by Bandolier of Anoka 70th.

ALSO, FIRST GET OF SIRE AT TAMPA—By Bandolier of Anoka 70th

In this get of sire was the FIRST PRIZE JUNIOR BULL CALF, Balabandolier 2. He is the fourth calf from Erinthia of Calmar 6th, a full brother to the grand champion female, as well as Florida's Premier bull and female in 1957-58.

LOOKOUT PLANTATION

Mr. and Mrs. Leonard J. Balaban, Owners

Nathan M. Carroll, Manager-Herdsman

Phone Liberty 7-5211

Route 2, Bonifay, Florida
PRESENTING A GIGANTIC OFFERING OF REGISTERED ABERDEEN-ANGUS CATTLE

SECOND ANNUAL

FLORIDA ANGUS JUBILEE

April 1 & 2, Manatee County

SALE STARTS 10:30 A.M. APRIL 2, MANATEE PAVILION IN PALMETTO

220 HEAD WILL SELL!

Many Sale Features...

GRAND CHAMPION BULL at both the 1959 All-Florida Breeders' Show at Webster and the 1959 Greater Jacksonville Fair sells. SENIOR CHAMPION BULL at the 1960 Florida State Fair sells. Many females feature service of WHITNEYMORE 512, supreme champion of All-American Angus Futurity and International reserve champion. GOOD HERD SIRE PROSPECTS and SHOW CATTLE sell, also.

Consignors Include:

T. W. Baker & Sons, Keystone Heights
R. D. Bennett, Greenwood
Chocow Ranch, DeFuniak Springs
Circle R Ranch, Lake City
Derek Angus Ranch, Tampa
Dundee Ranch, Lutz
El Clair Farms, Lake Worth
4 D Farms, Wauchula
Gulfstream Farm, Fort Lauderdale
Hollis Lane, Graceville
Hughes Angus Ranch, Ellenton

C. D. Hughes, Winter Haven
Knollwood Angus Ranch, Bartow
Limonia Farms, Limonia
Lookout Plantation, Bonifay
M & M Ranch, Loxahatchee
P. W. Fulton, Bradenton
S. Schipper, Miami
Thompson Bros. Farm, Marianna
Turkey Creek FFA Chapter
Univ. of Florida, Gainesville
J. B. White, Starke

Schedule of Activities

THURSDAY, MARCH 31
Entry of sale cattle in barn.

FRIDAY, APRIL 1
8:00 a.m.—Classification of all sale cattle by Price Brown of Sinkola Plantation, Thomasville, Ga., to be followed by showing and placing of top sale cattle.
7:00 p.m.—Angus Steak Banquet at Manatee River Hotel, Bradenton.
Joe Keefover of Jonesboro, Tenn., pres. of American Angus Ass'n will speak; J. E. Pace, U. of F. extension animal husbandman, master of ceremonies.

SATURDAY, APRIL 2
10:30 a.m.—Florida Angus Jubilee Sale, Manatee County Livestock Pavilion, Palmetto. Lunch will be available on the grounds.

We Are Consigning
Three Top Bulls
To the Jubilee Sale
Sponsored by Fla. Angus Association
At Palmetto, Apr. 2

Bandolier Blackcap of Sugihara
One of the better sons of Prospectmere, Sinkola's great herd sire. He was senior champion at Tampa this year and has never been beaten in his class in Florida.

Eileenmere of Sinkola 9
A grandson of Eileenmere 487, often referred to as "The wonder bull." This bull is short-legged, deep and thick. His half-sister was grand champion at Tampa in 1959.

Bardolier of Sugihara 135
This bull placed second in a junior yearling class of seven at Webster last Fall. He has size, scale, bone and ruggedness to satisfy anyone—the kind Florida cattlemen like.

ALL SERVICE AGE
Angus Bulls For Sale
At All Times At The Ranch

P.W. FULTON
SUGIHARA RANCH
1818 St. George Dr. Phone 6-2286
BRADENTON, FLORIDA
RANCH LOCATED 10 MILES EAST ON FLORIDA HIGHWAY 64

Lookout . . . Plantation's champion bull at Tampa posed with Owner Leonard Balaban (halter), Nathan Carroll.

Champ Angus . . . cow at Ocala was shown by Dwight Angus farm. Here Bill Burger poses the top individual.

Eileenmere of Sinkola
9
A grandson of Eileenmere 487, often referred to as "The wonder bull." This bull is short-legged, deep and thick. His half-sister was grand champion at Tampa in 1959.

Bardolier of Sugihara 135
This bull placed second in a junior yearling class of seven at Webster last Fall. He has size, scale, bone and ruggedness to satisfy anyone—the kind Florida cattlemen like.

Best Angus . . . bull at Ocala was exhibited by Monarch Ranch, photographed with Jiggs Upshaw, herdsman.

Winners in Angus Competition Given
For Ocala and Tampa Stock Shows

In 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:

Tampa Angus
Junior bull calves (7)—Balabandolier 2, Lookout Plantation, Bonita; Prince R. of Sinkola 1022, Sinkola Plantation, Thomasville, Georgia; Gulfstream Eileenmere 79185, Gulfstream Farm, Fort Lauderdale.
Late senior bull calves (5)—Sinkolamere 22, Sinkola; Sinkolamere 23, Sinkola; Bardolier of Lookout 9, Lookout.
Early senior bull calves (5)—Eileenmere L 492-54, Longleaf Plantation, Aiken, South Carolina; Sinkolamere 5821, Sinkola; Bardolier of Sugihara 3, Sugihara Ranch, Bradenton.
Late summer yearling bulls (2)—White Gates O.B. 459 (grand champion, junior champion), Lookout; Prince Bonny HFA, Henry Allen, Plant City.

Early summer yearling bulls (1)—Hughes Eileenmere 999, Hughes Angus Ranch, Ellenton.
Junior yearling bulls (5)—Eva's Bardolier of Sugihara (reserve grand champion, reserve junior champion), Longleaf; M & M Eileenmere 83, M & M Ranch, Loxahatchee; Bardolier of Sugihara 270, Sugihara.

Senior yearling bulls (2)—Bandolier Blackcap of Sugihara (senior champion), Sugihara; Jago 1970 Sun Lake (reserve senior champion), Dixie Farms, Tampa.
Late summer yearling heifers (2)—Rosebud of Sinkola 2, Sinkola; Late summer yearling heifers (2)—Rosebud of Sinkola 2, Sinkola.

Three bulls (4)—Sinkola; Lookout; Sugihara; Two bulls (5)—Longleaf; Sinkola; Lookout.
Junior heifer calves (10)—Blackcap L.P. (11th Longleaf; Hughes 55, Hughes; Gulfstream Blackwood Lady 5, Gulfstream.
Late senior heifer calves (4)—Hughes Queen of Ellenton 2 (reserve grand champion, reserve junior champion), Hughes; Barbara 84 of M & M, M & M; Rosebud of Sinkola 2, Sinkola.
Early spring heifer calves (5)—Homedale Blackcap L.P., Longleaf; Blackcap of Sugihara 185, Sugihara; Blackcap Empress of Sinkola 8, Sinkola.
Late summer yearling heifers (2)—Rose E 22 of

P.W. FULTON
SUGIHARA RANCH
1818 St. George Dr. Phone 6-2286
BRADENTON, FLORIDA
RANCH LOCATED 10 MILES EAST ON FLORIDA HIGHWAY 64

Reserve Angus . . . bull at Tampa was a Longleaf Plantation entry, pictured here with David Shephard.

Angus Reserve . . . . cow is shown here with 4-H'er Curtis Wayne Hughes, pictured with his father, Charles Hughes.
DWIGHT ANGUS, had the reserve champion bull at Ocala, held for the photographer by Bill Burger.

RESERVE COW... in Angus competition at Ocala was a Monarch Ranch entry, posed for picture by Jiggs Upshaw.

Type Demonstration 11 AM - Lunch Served at 12 Noon
Sale Starts at 1 PM

50 Angus calves will be sold to 4-H and FFA club members. The average weight of these calves is 450 pounds. All are guaranteed to be in good health, all are halter broken. Buyers will take animals home after the sale.

It Pays To Keep Your Eyes On . . .
Ankonian
Bard FA 7

Our Son of the 1953 International Grand Champion
O. Bardoliermere

We plan to offer 20 head of purebred Angus cattle at the Palmetto Sale sponsored by the Florida Angus Association on April 2nd. These animals are all bred and we know you will like them. We will appreciate your consideration.

Pastures are looking better every week at our new Bartow ranch and we have high hopes of having all our herd in this location in the near future.

We would like to thank James H. Griffin of Bartow for his purchase of two bulls from us recently, also W. T. Bland of Lake Jem for the purchase of one bull from our assortment.

In the Southwest Florida Fair the first of February we had several blue ribbons and the grand champion—Bandolier Lad of RBK, a 26-month-old son of Eva's Bandolier Lad, out of a Gammer Erdonia cow—an excellent herd bull prospect.

KNOLLWOOD ANGUS RANCH, INC.
FORT MYERS AND BARTOW, FLORIDA
Fort Myers Phones WE 6-1050 or WE 6-2639 • Bartow Phone CA 3-3665 or CA 3-2372
William D. Richards—George (Jock) A. Sutherland

Selling

5 BULLS 10 FEMALES
2nd Annual Angus Jubilee Sale
APRIL 2, PALMETTO, FLORIDA

We feel that our sale consignment to this Second Annual Angus Jubilee Sale is much higher in quality and overall excellence than the group of animals we presented last year which did so well. All but two of the sale animals were sired by Bardolier of Airdrie, the bull that did such an outstanding job for Grovelane Farms of Lake Wales.

All but one of our bred sale heifers are mated to our top young herd sire, Barbara Bandolier Lad. These heifers should prove to be a real asset to any herd. Their pedigrees trace back to some of the most popular breeding in America today. Check our bull consignment too, they are all over two years old, big, heavyboned, and show plenty of breed character.

Choctaw Ranch

R. B. Spires, Owner
De Funiak Springs, Florida

Choctaw Ranch

R. B. Spires, Owner
De Funiak Springs, Florida

The Florida Cattlemen
Look at the difference Cumol® makes!

Controls Copper Deficiency and Molybdenum ("Moly") Poisoning

At 10 months of age each of these heifers suffered from molybdenum poisoning. The one at right was injected with copper glycinate... both were fed the same ration for 231 days. Following are the results:

**TREATED ANIMAL**
- Stopped scouring in 3 days
- Gained 400 pounds (1.71 daily)
- Hair color returned to normal

**UNTREATED ANIMAL**
- Scoured throughout test
- Gained only 15 pounds
- Hair coat whitened

Cattle that “do poorly” in certain areas have often been found to suffer from copper deficiency or molybdenum poisoning.

Cumol which is an injectable fluid gives you a means of supplying copper much more reliably than free choice in salt or other free choice methods.

Cumol is given by injection in the loose skin of the neck or brisket. From there it passes on to the liver where it is stored, making an adequate supply readily available.

**QUESTIONS AND ANSWERS**

- What is molybdenum poisoning?
  Molybdenum is a mineral normally present in the soil in trace amounts. When too much is present levels build up in forage. When excessive, it brings about an indirect copper deficiency causing persistent diarrhea, a whitening of the hair coat, poor growth and gain, symptoms also commonly caused by copper deficiency.

- What is copper deficiency?
  Copper, in balanced amounts, is essential for proper production performance. When it is not present in sufficient amounts in the soil, forage also becomes deficient and animals consuming it perform poorly, exhibiting the same symptoms as those of molybdenum poisoning.

- How does Cumol® work?
  In molybdenum poisoning, Cumol supplies copper which counteracts molybdenum toxicity thus removing the cause of poor performance. In copper deficiency, Cumol supplies copper which reestablishes a proper supply for good gain and growth.
"I thought I was saving money on my vaccine bill"

Here's something to think about. This could be the expression of a man who thought he could cut corners on his vaccine bill, but wound up cutting corners on quality instead. Think of it! It would take a lifetime for some operators to save enough on vaccine costs to pay for the loss of just one weaner steer worth from $120 to $150. That's why quality is such a bargain, and why the old adage, "you only get what you pay for" is so true.

Buy the 'best' when you vaccinate

Blacklegol-'S'

THE ALHYDROX® VACCINE

For top quality, buy Blacklegol "S". It is expertly produced and potency tested to give your stock good protection against both blackleg and malignant edema. Alhydrox fortification increases its immunizing ability by reducing vaccine waste inside the animal. Cutter products are available throughout the United States. If your supplier doesn't have it in stock he will get it (often overnight) from a nearby Cutter refrigerated depot.

TREAT OPEN WOUNDS

Amazing K-R-S gives you a superior wound dressing in three package forms — squirt can, smear can and bomb! Heavy duty formula contains an effective combination of ingredients for top protection against screw worms and other wound maggots.
Directors
Make 1960
Angus Plans

The Florida Angus Association is going to make an all-out push to secure the 1961 National Angus Conference, directors decided as they held their first meeting (in Tampa on February 8) following election by mail ballot of new President Leonard Balaban of Lookout Plantation, Bonifay.

Considerable discussion on this matter occupied the attention of the meeting. The Conference will be held at the University of Florida, if efforts to get it are successful, with a buffet supper sponsored by the Florida association to start things off Tuesday evening. The program will be dovetailed into the usual Breeders and Herdsmen's Short Course program (the short course was started by the Florida Angus Association), with the first day (Wednesday) primarily about Angus, and Thursday, Friday and Saturday devoted to more general subjects. Several hundred out-of-state visitors will be expected, in addition to the 400-450 who normally attend the Short Course.

The directors by resolution formally thanked Mr. and Mrs. Walter Williams of Lakeland, who have served as president and secretary-treasurer for the past two years. In other action: it was voted to replace any director who misses three consecutive meetings without excuse; Bill Gephart of The Cattleman was appointed secretary-treasurer; the advertising budget for 1960 was okayed; another meeting for 10 a.m., Friday, April 1, at Palmetto, was scheduled; Charlie Moore, Lutz, and George Rogers, Lake City, were named directors, succeeding Henry Chitty, Micanopy and Balaban, who both became officers.

Present were: Chitty, Bob Deriso, Tampa; B. E. Cook, Haines City; Jim Farquhar, Fort Lauderdale; Curtis Hughes, Ellenton; Scott French, Loxahatchee; Moore, Williams and Balaban.

Angus Confab Set

The theme of the Sixth Angus Conference, May 11-13, at Texas A & M College, will be "Pacing Progress for Greater Profit." The theme will be highlighted by talks on the use of records in commercial cattle production, using herd classification, and interpreting Angus herd improvement records.

The cattlemen attending will also see a demonstration of a machine which measures the loin eye of a live animal by ultrasonics and hear a panel discussion on merchandising Angus cattle. Another feature will be a panel discussion on merchandising Angus cattle.

Dennis Diaz, Tampa, had the 1960 Florida State Fair Fat Stock Show Reserve Grand Champion, FFA division, Junior Yearling Class, with his 1179 lb. Monarch-bred steer. Monarch's record for 1959-60 is further proof!

SUMTER ALL FLORIDA BREEDERS SHOW AND FAIR, 1959: Grand Champion Female, Senior Champion Female . . . 1 first.

SOUTHEASTERN FAT STOCK SHOW, 1959: Grand Champion Bull, Reserve Grand Champion Bull, Grand Champion Female, Reserve Grand Champion Female, Get-of-Sire, Senior Champion Bull, Junior Champion Bull, Junior Champion Female, Reserve Junior Champion Female, Junior get-of-sire . . . 5 firsts!

SOUTHEASTERN FAT STOCK SHOW, 1960: Grand Champion Bull, Champion Get-of-Sire, Reserve Grand Champion Female, Senior Champion Female, Junior Champion Bull, Reserve Senior Champion Female . . . 2 firsts!

Visit our ranch . . . see why Monarch breeds the winners!
BEN FEW FARM’S
FIRST PRODUCTION SALE
PROMPTLY AT NOON, SATURDAY, MARCH 12th
ONE OF THE TRULY WELL-ROUNDED AUCTION EVENTS OF THE YEAR
THERE’S SOMETHING IN THIS SALE FOR EVERYONE
65 LOTS • 25 BULLS • 40 FEMALES
DESCRIPTION OF CATTLE SELLING:

10 Bulls fitted, and of show character and quality including two sons of Tolan Bandolier; two sons of O. Bardoliermere; one son of Ankonian 3216; one son of Eileenmere 1082d; two sons of the famous Whitneymere 150th, who topped the McKenzie Dispersion and now owned by Dundee Ranch; one son of Eileenmere 1480; and one son of Mr. Eileenmere 35; also a couple of sons of Scottish Prince.

15 Big, rugged boned, smart headed bulls by Mr. Eileenmere 35th that have been raised right in the open and have been conditioned for immediate, heavy service—suitable for top flight commercial herds.

10 Fancy, open heifers of extra style and class, many of them purchased in dam and are from the outstanding foundation cows that Ben Few Farm has been buying from the leading auctions of the nation.

15 Deep, thick, powerfully made bred heifers, most of them carrying the service of Eileenmere 1476th, rated as one of the three greatest sons of Eileenmere 1100th; his dam was a daughter of Eva’s Bandolier Lad; also featuring the services of the straight imported bred Gallant Gamble of Brays Island.

15 Outstanding investment opportunities, the close to profit kind— young cows with calves at foot and selling re-bred.

AUCTIONEER: PAUL GOOD
FOR CATALOGS WRITE: DAVE CANNING, P. O. BOX 1115, STAUNTON, VIRGINIA
West Palm Builds New Stock Show

South Florida Fair, held at West Palm Beach in late January, had a good cattle show despite the lack of competition in most breeds.

There was strong competition in the Shorthorn show, with Smith Ranch of Winter Haven and Jacklen Farms of Plant City bucking each other.

Smith and Jacklen split the champions down the middle. Smith showed both bull champions and Jacklen showed both female champions.

Edelyn Emperor was grand champion bull, with Oakwood Watchman as reserve champion bull. Jacklen Nonpareil was grand champion female, with Jacklen Queen of Beauty as reserve champion.

All Angus, except one, entries were by M & M Ranch of Loxahatchee, Marlin Nicely, of West Palm Beach, showed a bull calf. M&M Eileennere 83 was grand champion bull, with M&M Eileennere 819 as reserve champion. Elluna 81 of M&M was named grand champion female.

The Brahmans put on a good show although all entries were by one owner, W. H. Stuart, of Bartow. WHS Esto Emperor 122/1 was named grand champion bull.

100 purebred Angus and purebred Angus-Shorthorn cows with calves at side, individually or as a herd. These cattle are gentle, heavy milkers, good rustlers, and easy keepers.

Larkin Hundley
Monticello, Florida
Farm Located 7 Miles NE
On Paved Road 149A

Advertise!

J. P. Ramsey
And Son
Micanopy, Fla.
M&M Ranch . . . had the grand champion bull in Angus competition at West Palm, an entry held by Raleigh Pickels.

W. H. Stuart . . . Ranch had the grand champion Brahman bull at the South Florida Fair, held by Lowell Holly.

Champion bull and WHS Esto 340/1 was reserve, WHS Lady Abco was champion cow, with WHS Miss Rex 439/1 as reserve champion.

All Santa Gertrudis entries were owned and exhibited by Panuleta Farms, of Uleta. Mussels was named grand champion bull, with Fireball as reserve. Red Streak showed to grand champion female, with Busy Wife as reserve.

Shorthorn winners, in order by class were as follows:

Two-year-old bulls (2) - Edellyn Emperor (senior champion, Smith Ranch); Winter Haven; Jacklen Bank Standard (reserve senior champion), Jacklen Farms, Plant City;

Junior yearling bull (1) - Oakwood Watchman (reserve grand champion, junior champion), Smith;

Junior yearling bull (1) - Kickapoo Highland Latir, Smith;

Junior bull calf (1) - White Plains Champion, Latir, Smith.

Harold Price . . . won the Holstein championship with this heifer at West Palm Beach's South Florida Fair.

Watch for our consignment
to the Angus Jubilee Sale!

WE'RE SELLING:
3 Top Service Age Bulls, and
20 Money-Making Open Heifers

MAKE YOUR PLANS NOW to attend the Second Annual Angus Jubilee Sale at Palmetto on Saturday, April 2. Sale starts at 10:30 a.m., but come early and inspect our sale consignment. They’ll please you!

When Thinking of Angus, Think of M & M Ranch

M&M Ranch
R. W. & E. B. Matlack, Owners
Scott L. French, General Manager, Wallace A. Griffey, Cattle Supt.
Phone West Palm Beach 0Verland 3-2944, Loxahatchee, Florida

ANGUS
Sired by Champions, bred to Champions
MILLARDEN FARMS
ANNVILLE, PA.
Phone UN 7-3881
WOODSBURY, GA.
Phone 4373

REGISTERED ANGUS
(he former Lee & Son herd)
John P. Richardson
Route 1, Telephone MUrray 2-2244
BAKER, FLA.

REGISTERED
BLACK ANGUS BULLS
(Sold out of heifers)
Snappin’ Turtle Ranch
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MONTVERDE, FLORIDA

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Production and Performance Tested
ANGUS CATTLE
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LAKE WORTH, FLORIDA
Brucellosis and TB Accredited
**Grand Champion Carcass**

**Florida State Fair 1960**

Congratulations to Claude Gibbs . . .

We'd like to congratulate young Claude Gibbs, who is pictured above with his Grand Champion Carcass at the recent State Fair Florida Fat Stock Show in Tampa. We are proud that this steer was sired by Ankorian 3593, one of our herd sires.

**HALF-BROTHERS AVAILABLE AT THE FARM**

We have bulls by the same sire—performance-tested and classified—available at our farm at all times. We invite you to drop by anytime!

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**Raynagua Farm**

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Crawford & Betty Rainwater Owners

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**ABERDEEN-ANGUS**... featuring a heifer 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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**STARDUST RANCH**

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**LIMONA ANGUS FARM**

Herd Sire—Wondermere

A good, great grandson of Wonder Bull 487

Emile & Ruth Merlin

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Limona, Florida

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**For Your Best Investment**

"Buy Blacks"

**GEORGIA ABERDEEN-ANGUS ASSOCIATION**

For information on cattle, or membership, contact Carl O. Parker, Fieldman, 3858 Mathis, Macon, Ga.

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**Angus Cattle**

**HUGHES ANGUS RANCH**

HERD SIRE: Kinlochian 9872

Currie J. Hughes, Phone Brantley 6-1266

P. O. Box 218, Ellenton, Florida

(Certified Brucellosis-Free Herd No. 470)

Located 3 1/2 miles north on Highway 695

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**Cow Numbers Up? Or Are They Down?**

The USDA has revised its year-ago estimates of Florida cattle population drastically downward in its January 1, 1960, estimates.

The 1960 figure, as USDA estimates it, is 1,900,000 cattle and calves in this state. The figure for January 1, 1959 (originally estimated at 2,011,000) is now estimated at 1,895,000.

So cattlemen may take their pick: if you look back at last year's estimates, Florida's cattle population is down 20,000 head. But if you look at this year's estimate of what last year's cattle population was, we're up 100,000.

The January 1, 1960, estimate is far above the 1,607,000 head which was the average cattle population for the years 1949-1958.

Of the total, dairy cattle account for 416,000—a slight increase over the 395,000 head on January 1, 1959.

In all, Florida counts 1,050,000 cows two years old or older, both beef and dairy, and 216,000 yearling heifers. There are 295,000 steers, 55,000 bulls, 89,000 dairy calves, and 285,000 beef calves.

The value of all Florida cattle declined slightly on a per-head basis during the year—from $106 on January 1, 1959, to $103 on January 1, 1960. Dairy cows, however, increased in value, on the average, from $155 to $160 per head.

The complete tabulation will be published as usual in the April CATTLEMAN.
Angus sweep both Ocala and Tampa shows!

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

Top Honors Go to Beefy Blacks...

Florida's largest two steer shows are the Southeastern Fat Stock Show held in Ocala in January and the Florida Fat Stock Show held at Tampa in February. This year the Angus breed again scored a decisive victory at both shows, winning the grand and reserve grand championships at both shows plus claiming top placings in other various divisions at these events. All of the champions, including 4-H and FFA reserves at Tampa were Angus... and 65 PERCENT OF THE STEERS IN THE SHOW WERE BEEFY BLACKS!

Our congratulations go to: Tommy McPhillips of Plant City for showing the GRAND CHAMPION OF THE SHOW, also FFA CHAMPION at Tampa; Lynn Nicely of Pahokee for showing the RESERVE GRAND CHAMPION, also 4-H CHAMPION at Tampa; Sam Baker of New Port Richey for showing the 4-H RESERVE CHAMPION at Tampa; Dennis Diaz of Tampa for showing the FFA RESERVE CHAMPION at Tampa; Albert Corte of Loxley, Alabama for showing the GRAND CHAMPION OF THE SHOW, also ADULT CHAMPION at Ocala; Peggy Traux of Fiah, Illinois for showing the RESERVE GRAND CHAMPION, also ADULT RESERVE CHAMPION at Ocala; V. E. Whitehurst of Wiliston for showing the RESERVE GRAND CHAMPION CARLOT at Ocala; and Phillip Odom of Live Oak for showing the FFA RESERVE CHAMPION at Ocala.

Proven Tops in Carcass Competition...

It's a known fact that the Angus breed has consistently dominated the carcass contest at the International Livestock Exposition in Chicago and this year, the third year that such a contest has been held in Florida, the breed had both the grand and reserve grand champion carcass. The same thing has happened since the contest began in Tampa. The grand champion carcass was an Angus owned by Claude Gibbs of Pensacola, while the reserve champion was owned by Jack Smith of Pompano Beach. A NEW RECORD: Angus carcasses took the top six placings in the senior calf class, the top 12 in the summer yearling class, and the top 10 placings in the junior yearling class!

The Beef Breed for You...

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 Angus Association, Leonard J. Balaban, Pres., Rt. 2, Bonifay, Florida
**FLORIDIANS Will Take Part In Brahman National Show**

FOUR FLORIDA Brahman herds will be represented in the National Brahman Show which is scheduled for March 11 through March 15, in conjunction with the Louisiana State University Livestock Exposition at Baton Rouge, Louisiana.

The show promises to be the largest gathering of Brahman cattle in many years with the ond of O. A. Stratton's finest competing for more than $67,500 in premium money and the many trophies being offered by the show.

The show will take on international significance with several groups of cattlemen from Central and South America who plan to attend the show, according to officials of Pan American World Airways, who are conducting tours to the show. An important part of the event will be the International Brahman Sale, which will be held in the LSU Livestock Sale arena at 4:00 p.m., Monday, March 14. Judging of the animals competing for national honors will get started at 9:00 a.m. Monday, with Judge Dean Kidlee placing the entries.

Members of the Louisiana Brahman Association, co-sponsors of the event with American Brahman Breeders Association, have planned many side attractions for the show. Among the activities planned are tours of one of the world's largest refineries, the Esso plant, at Baton Rouge, and a visit to the Charles E. Wilson Brown Swiss farm, including a tour of the Wilson home, which has been restored to all the pre-Civil War splendor.

Monday evening a banquet will honor the visitors from South America as well as the breeders participating in the show. Awards and trophies will be presented at the banquet, along with a special program.

At the sale, to be cried by Alcide Dominique, operator of a string of livestock markets in Louisiana, outstanding animals from herds in every part of the South will be sold at public auction. A total of 40 head are offered, with seven head from Florida ranches. Bar D Ranch of Orlando is offering one bull, recently named reserve grand champion at the Southeastern Fat Stock Show in Ocala; A. Duda and Sons of Cocoa offers a bull and a female from their show barn; Clyde J. Keys of St. Petersburg is offering two bulls, both sons of top sires; and W. H. Stuart Ranch of Bartow is selling a bull and a female, both from their show herd.

Other ranches selling are Bar M Ranch, Covington, Louisiana; Fay Ranch, Houston, Texas; J. D. Hudgins, Hungerford, Texas; D. C. Johnston, Jackson, Louisiana; Koontz Ranch, Inez, Texas; Lock Moore & Company, Lake Charles, Louisiana; Louisiana State University Animal Husbandry Department, Baton Rouge, Louisiana; McNeese State College, Lake Charles, Louisiana; Paret Ranch, Lake Charles, Louisiana; W. A. Quirk, Jr., Bunkie, Louisiana.

Herds entered in the competition, with number of animals to be shown, are as follows: G. L. Paret, Lake Charles, Louisiana, 22; Pecan Acres Ranch, Simonton, Texas, 8; J. S. U., Baton Rouge, Louisiana, 9; E. Y. Yoakum, Cherokee Ranch, San Saba, Texas, 7; T. M. Del, Orlando, 7; W. H. Stuart, Baton Rouge, 14; Koontz Ranch, Inez, Texas, 14; J. D. Hudgins, Hungerford, Texas, 30; A. Duda & Sons, Cocoa, 16; Clyde J. Keys, St. Petersburg, 15; Bar M Ranch, Covington, Louisiana, 14; D. C. Johnston, Jackson, Louisiana, 14.

**Stockmen Keep Pace With Changing Times**

SIGNIFICANT CHANGES have been taking place in the Florida cattle industry, observes S. E. Pace, animal husbandman of the Florida Agricultural Extension Service in reviewing 1959.

Pace noted that fewer cattlemen marketed their calves at light weight, a practice always considered the least profitable method of production. Increased production costs coupled with rising land values are seen as contributing factors toward the trend to raise animals to heavier weights before marketing.

More cattlemen sold cattle in group lots, benefiting from smaller commission fees and higher prices paid by packers. Another trend gaining ground last year was the sale of cattle at the ranch, noted especially in sales of high quality animals.

Practically all calves suited for feeder purposes were sold at the ranch during 1959, Pace observed.

**Dean on Nat'l Panel**

THE DEAN of the University of Florida's College of Agriculture, Dr. Marvin A. Brooker, will be one of the judges in a contest to select America's outstanding four young farmers for 1960.

Dean Brooker has been asked to serve on a panel to consider entries by the states for regional honors. The invitation was extended by Bob Clark, Tulsa, Oklahoma, president of the U.S. Junior Chamber of Commerce.

HONORABLE MENTION and a $50 award for 1959 newsletters was awarded by the National Association of Soil Conservation Districts to its Lafayette County Unit, with headquarters at Mayo.

SHEEP in Florida now number 7000 head.
Good cattle on good, improved pasture always make a pleasing picture, as shown in this photo of a portion of the herd at A. Duda & Sons, Cocoa, as they graze on lush Pangola grass.
THAKORE IMPERATOR 78/1
Florida Premier Brahman Bull
1957-58
1958-59

OUR RECORD PROVES OUR POINT

In the show ring our consistent winning records bear witness to our selective breeding program. Thakore Imperator 78/1 was twice named the Premier Brahman Bull in Florida, and in 1959 Stuart Ranch was named Premier Breeder for the state—showing "the most of the best" for the 1958-59 show season. And Stuart Brahmans are now establishing an enviable record for the 1959-60 season.

First Place Get of Sire—Proof of the Bull!

Stuart Ranch maintains a complete set of Production Testing Records—Records which can be invaluable to you in the selection of your next herd sire or range bull. We do not claim that production testing records are infallible in bull selection, but they do provide the nearest thing to a yardstick of value in the bull whose record is inspected.

MAKE USE OF OUR RECORDS

VISITORS ARE 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 members of Eastern Association

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

BAR D RANCH, Rt. 1, Box 85, Maitland, ranch located 2 miles east of McCoy Air Base. T. M. Doud, owner, W. E. Campbell, manager. Phones: Eustis 7-3610 and CR 7-1140. Herd now consists of 100 females of breeding age, with WHS Count de Imperator 757/0 and ADS Stearns de Imperator serving as herd sires.

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

BASS, FRANK (see Circle F Ranch)

BIENTLEY BRAHMAN RANCH, INC., Box 1147, Lake Alfred, ranch located at Crewsville in Hardee County, names Lake Alfred 29-983 or 27-311, J. W. Bentley, manager.

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

BOOT RANCH, 2022 Garden Circle South, Danville, ranch located 2 miles east of U.S. 19 on State Road 584. Mr. and Mrs. A. D. Boyd, owners, Lois Durnam, manager. Phones 81-3511 or 81-4884. Herd was established in 1953 and now consists of 65 females of breeding age. Herd sires are JDH Rex Leroy Manso and ADS Denis Duson.

BOYD, A. D. (see Boot Ranch)

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

CAMP RANCH, INC., Ocala

CARLTON BROTHERS, Box 549, Plant City

CARUSO, MARIO, 215 Pearl Ave., Sarasota.

CARUSO RANCH, Manatee, ranch located six miles east of Oneco, phone Bradenton 3-7400. C. S. Laboratories, owner, N. Monaco, manager.

CHAIRES, Hal, Old Town.

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

CHAIRES, TOMMY, 208 Professional Building, Bradenton

CHAINESGUT HILL SANCTUARY (see West Central Florida Experiment Station)

CIRCLE BAR RANCH, owned by W. W. Tilton and Sons of Palatka, John V. Tilton, manager. Ranch is located 14 miles southeast of Palatka and the herd consists of 50 brood cows. Chico is herd sire.

(Continued on page 64)

CHICO DE FLORIDA ... a four-year old bull, purchased from A. Duda and Sons of Cocoa, Florida, as a yearling, is doing mighty well on the Estate of Juan Cugheran in Peru. He was named grand champion Brahman bull at the show in Piura, Peru in 1959.

for March, 1960

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Build Better Beef with BRAHMANS

Our herd of registered Brahmans represents the major bloodlines in the United States. Through careful selection and breeding we are producing better Brahmans that offer:

GOOD DISPOSITION
SUPERIOR CONFORMATION
BEEF CHARACTERISTICS
GOOD BONE

SEE OUR SELECTED COW HERD — VISITORS ALWAYS WELCOME

Impaler and Manso Breeding—
Tom Chaires & Son
Registered Brahman calves
Phones: 2-8191 (office) or 4-4443
BRADENTON FLORIDA

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for March, 1960

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REGISTERED BRAHMANS
The Home of Star Cadet
D. C. Johnston, Jr.
Ranch in Lindsay
JACKSON LOUISIANA

REGISTERED BRAHMANS
OXLEY FARMS
W. E. Oxley, Owner
Rt. 1, Box 116, Phone 3477
BROOKSVILLE FLORIDA
**Volusia Herd Improved by Brahmans**

The use of Brahman bulls to upgrade a herd of “piney woods” range cattle and a subsequent criss-cross breeding program with Brahman and Hereford bulls has resulted in an increase in average weaning weight from 200 to more than 400 pounds for 72 Ranch near DeLand, Florida.

When Dr. Hugh West of DeLand purchased the Marsh herd from Wheeler Marsh, son of Pioneer Volusia County cattleman, Walter Marsh, there were less than 1000 head of range cattle on 33,000 acres of rough range land, and the average weaning weight for the calf crops was between 200 and 225 pounds. Under present breeding and pasture conditions, Dr. West markets calves weighing more than 400 pounds at weaning, with a correspondingly higher grade.

The first move to improvement was the sale of all scrub bulls, replaced with purebred Brahman bulls to bring the level of Brahman blood to 50 to 75 percent in the cow herd. The cow herd was culled, leaving about 100 head, which ranged over 2200 acres of rough land, and the beginning of improvement of pasture lands to carry a heavier population of cattle. Dr. West now runs more than 500 head of high quality range cattle on the same acreage, with over 600 acres of pasture cleared and planted to Pangola and Coastal Bermuda interplanted with White Dutch and Nolan’s improved clover.

When the upgrading program had been in effect several years, enough to bring the Brahman blood in the brood cow herd to the desired level, a criss-cross breeding program was started, using Hereford and Brahman bulls. Brood cows now average one-half to three-quarters Brahman blood and are bred to Hereford bulls. Any replacement calves from this mating are bred back to Brahman bulls, keeping the offspring at about five eighths to three-quarters Hereford, which Dr. West feels to be the best for offering on the slaughter market.

In some cases Nelson Crawford, who has managed the ranch for the past eight years, uses some three-quarter Hereford, one-quarter Brahman bulls produced on the ranch, on brood cows having a very high level of Brahman blood. “The high grade Brahman cows are superior mothers,” says Crawford, “and they are easier handled than the English blood cattle, so we maintain the high Brahman grade cows. They give us our best calves.”

During the period of herd and pasture improvement, Dr. West sold all bulls but kept the best of the heifer calves. “We made the cattle pay for the pasture improvement program. When we had a good year on calves, we cleared and improved more pasture. On the years of lower calf crops or low prices, we stood still on our improvement program,” reported Dr. West.

During the worst winter months the cattle are given Pangola hay and a supplement of cottonseed meal and salt, from one to two-and-a-half pounds per animal, according to need. During the summer they receive no supplement with the exception of a complete mineral fed free choice.

All calves are creep fed at 72 Ranch, beginning when the calves are approximately two months old. Both Crawford and Dr. West feel the creepfeeding, a commercial mix, pays through extra weight on the calves, better condition of the brood cows, increased calf crop and higher grade on the market calves for slaughter. These conclusions were reached as a result of carefully studied records kept since the creepfeeding program was started.

The breeding and pasture programs at 72 Ranch are well rounded, with careful attention paid to condition of the pastures. Two applications of fertilizer a year, 400 pounds of 9-9-9 per acre in the spring to stimulate grass growth, and 400 pounds of 2-10-10 or 2-12-12 in the fall to help clover growth, gives the ranch nearly year-round grazing. Soil analysis is used to control pH, which is kept at a desirable level through the application of lime or dolomite.

Dr. West and Crawford are constantly alert to improved breeding and pasture developments. They plan to try a new clover, S-1, as soon as the seed become available for commercial plantings. Insects and other parasites are controlled through a spraying program, but “We have never had a case of pinkeye, and other diseases are at a minimum,” according to Dr. West. “We attribute this to the high level of Brahman blood maintained in our brood cow herd.”

West Florida Cattlemen and Livestock Association named Charley Andrews of Blountstown president at a meeting held recently in Westwachaka.

Other officers elected are Weldon Roche, Gulf County, vice president; Elbert Shelton, Calhoun County, secretary-treasurer; T. B. Jones, Calhoun, executive secretary; and directors, J. A. Fillingim of Bristol, J. W. Lowrey of Panama City, and Herbert Marshall, Apalachicola.

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These are the type bulls used by Dr. West in his breeding program—purebred Brahman and Hereford.

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The Florida Cattleman
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National Champion Bull
AND STILL WINNING!

GRAND CHAMPION!

1960 SOUTHEASTERN FAT STOCK SHOW
Ocala, Florida
1960 FLORIDA STATE FAIR
Tampa, Florida
1960 KISSIMMEE VALLEY LIVESTOCK SHOW
Kissimmee, Florida

See us for your Brahman needs—Visitors always welcome

CLYDE J. KEYS RANCH

20 Eleventh St. So., Phone 7-5119

ST. PETERSBURG, FLA.
BRAHMAN In Florida 'Good'
Says Texas Visitors in 1943

E. C. Stone predicted great future
for Florida Brahmans—reviewed past

In 1943 Ed C. Stone, then fieldman for American Brahman Breeders Association, made a tour of Florida with several officials of the association. Stone observed the growing livestock industry of Florida, cast a challenge to the cattlemen of the state and made several predictions concerning the impact of the Brahman breed on the production of beef in the state.

The challenge and predictions were contained in an editorial, written by Stone, in the October, 1943 issue of the Breeder-Feeder. The editorial, printed in part, follows:

"... I regard my recent trip to Florida and visiting and working with the cattlemen of that state as the greatest trip of my livestock career.

"... Florida has been known as the home of citrus fruit, phosphate, fishing and a place to play; while on the menus and in the butcher shops they have advertised 'western steaks'. Just a few years ago anyone operating a cafe, eating house or butcher shop in Texas, if he wanted to get good prices, advertised 'K. C. steaks.' There never has been such a brand, just as today there is no such brand as 'western steaks'.

"Yet people who live in Florida and those who have traveled in that state have specified 'western steaks' while all the time they have been eating the better steaks produced in Florida. Now with the assistance of the Brahman breed of cattle to give greater size and fatter beef on the kinds of grass and feed available in Florida, the majority of the steaks consumed in Florida will be better than the so-called 'western steaks', as Florida develops her wonderful crop of Dashes, shreds her sweet potatoes, plants Para grass, Alyce clover and other grasses and clovers and feeds that come from the muck lands...

"While the government reports credit Florida with some 1,041,000 head of cattle, (this was both beef and dairy cattle) they fail to recognize this great state as a factor in the beef producing states of the nation. It would appear that those who make the reports to the United States Government have not learned that the Brahman bull has moved to Florida. I really don’t believe that they have heard of the name, Mr. Lester (here the writer refers to B. F. Lester of known as 'Dad') who used to buy solid trainloads of cattle from Orlando to Okeechobee, and our friend and host Henry O. Partin, who was the man who branded and cut his cattle when they were shipped. These Florida cattle were shipped in solid trainloads to Texas and while delivering these kind of little Florida cattle to Texas, Mr. Lester saw the effects of using Brahman bulls to make little cattle grow bigger calves. He carried back to Florida, many years ago, a carload of Brahman bulls, years before the American Brahman Breeders Association was formed. He naturally took some of these bulls back to his old friend, Mr. Partin. So far as we have been able to learn, and we could be wrong, these were the first Brahman bulls shipped from Texas to Florida.

"Later Pat Johnston, father of another of our hosts during the trip to Florida, Pat Johnston, Jr., came to Texas and bought a carload of the best Brahman bulls he could find.

"Lykes Brothers established a packing plant at Tampa and supplied their ships with beef and they brought more Brahman to Florida.

"Florida, we salute you. You have opened the gates of prosperity. You are generous and possess hospitality that has never been surpassed on any point of the globe. We used to call you 'crackers'; now we are proud to call you progressive cattlemen headed for that high goal of success and you are building markets as fast as you are building herds and you are expanding your ranches and your feed crops and grasses so that you have kept beyond the consuming capacity of your herds.

"... You have heard the call and you have answered the challenge. 'When better beef is produced, Florida will produce it.' Now this is your slogan; live up to it..."

The accuracy of Mr. Stone's historical reference is attested by an article in the October, 1943, issue of THE FLORIDA CATTLEMAN, which says in part:

"It was during World War I that B. F. Lester, a cattle buyer and broker brought the first grade Brahman bulls to Florida for the purpose of importing the breeding of the peninsular's native herds. Since then Bos indicus, possibly more than any other factor, has been responsible for increasing the size of the average Florida market animal by many pounds and his value by many dollars.

"These first grade bulls brought in during 1915-1918 found their way into the hands of cattlemen throughout central part of the state. T. W. Brown of Webster told THE CATTLEMAN he started

A STUDY... in comparisons. At left is an early bull, imported into Florida by Henry O. Partin and Sons for use in upgrading their herds. At right is 9th Sir Burma Manso Emperor, taken in 1955, showing the great increase in body depth and beef characteristics made possible by careful breed selection.
using Brahman blood in 1917. He used purebred bulls on native cows and sold a lot of half breed bulls for breeding purposes.

Although widespread use of better bulls in Florida had to await eradication of the cattle tick, as soon as the end of the task was in sight, two carloads of bulls from the Pierce Estate were purchased by Kissimmee interests in 1930 or 1931. One car was taken by Henry Stephens, manager of the McCrory Cattle Company, and the other was divided among Pat Johnston, L. R. Farmer, Bob Donegan and Henry O. Partin. The purchasers traveled to Texas to make the purchase, which is believed to be the first carload shipment of purebred Brahmans.

In 1933 Pat Johnston bought two carloads of purebred bulls, one from Sartwelle Brothers and another from Hudgins, and the reported cost delivered to Kissimmee was $70 each. They were sold at $75 flat and purchasers drew straws for their selection.

In 1943, at the time Stone was issuing his challenge, Florida had a total of 1,041,000 cattle of which 920,000 were beef cattle, valued at an average of $28.80 per head for a total beef cattle valuation in the state of $25,760,000.

In 1959 the latest estimates sets Florida's beef cattle population at 1,620,000 worth a total of $176,896,000, a startling increase, not only in numbers, but in value per head. And Brahman breeding, more than any other factor, was responsible for most of this increase in valuation.

Virtually every commercial beef animal in Florida has some Brahman blood, with many ranchers using the "criss-cross" breeding program to keep the level of Brahman blood at an efficient level.

From the humble beginning, through the use of grade Brahman bulls during World War I, Florida has grown into a purebred Brahman producing area, second only to Texas in the registration of cattle with American Brahman Breeders Association. Florida is also second in the number of transfers to foreign countries, having sold 1281 registered Brahmans for export, mostly to Central and South America, during the year 1959.

But the real impact of the Brahman in Florida has been the production of disease resistant, heat tolerant, growthy animals able to take the weather and range conditions of the Gulf Coastal area, which has made the Southeast a bigger and bigger factor in the production of red meat for America's dinner tables.

More and more feedlots are now in operation in Florida, most of them using Brahman hybrid steers, and more and more stocker and feeder cattle are moving from Florida's grass ranges to the feedlots of the Corn Belt in the Midwest. Most cattlemen feel there is still room for improvement and expansion in Florida, and most feel that the American Brahman will play an important part in both improvement and expansion.
MEMBERS of Eastern Brahman Association, gathered at the Marion Hotel in Ocala on January 19, voted to expand promotional activities and to finance the expanded program with a voluntary assessment of 50 cents per head for each animal registered, payable at the time of registration.

The expanded program calls for field days, held at ranches of members and other points of interest, an expanded advertising program on the advantages of Brahman breeding, and a continuation of the promotion of steers for the youth of the state to show in the fat stock shows, with special emphasis on the Fat Stock Show of the Florida State Fair. T. M. Deal, Orlando, chairman of the breeder relations committee, reported that the Iowa State University have requested Brahman hybrid steers to be used in a feeding trial. Deal said arrangements have been made to have the steers shipped to Iowa for the test through A. F. Van, Illinois feed lot operator, and Sidney Crochet, manager of Sugarland Ranch, owned by T. N. Sugar Corporation.

A place for placing steers on feed trial at the North Florida Experiment Station was discussed. A letter from Stan Baker, director of the station, was read suggesting that a plan could be worked out. President G. T. Stack of Tampa appointed, a committee composed of Crochet, Horace Fulford of Cocoa, Harry Bevill of Bushnell, and Van, arranged the details of the feed trials.

A committee, composed of the director of the Experiment Station's standing committees, Max Hammond of Bartow, Jack Gilbreath of Ocala, L. "Slim" Pierce of New Smyrna Beach, T. M. Deal, and Sidney Crochet, was appointed to plan the field day of the association.

Eugene O'Reilly was nominated to serve on the Board of Directors of the American Brahman Breeders Association, from Florida, to subject to a membership election to be held at Houston, Texas, on February 25.

Members were urged to attend the Fat Stock Show of the Florida State Fair, held at Tampa on February 4, and the sale of steers, Friday, February 5, at the fair grounds. It was pointed out that for the first time in many years there are Brahman hybrid steers entered in the competition.

Higher Dressage

For Hybrids Seen

Eugene O'Reilly of Ocala was one of the members of the committee appointed to work on the promotion of Brahman steers for the younger of the state to show in the fat stock shows, with special emphasis on the Fat Stock Show of the Florida State Fair. The committee recommended that Brahman Brahman steers be used in a feeding trial. Deal said arrangements have been made to have the steers shipped to Iowa for the test through A. F. Van, Illinois feed lot operator, and Sidney Crochet, manager of Sugarland Ranch, owned by T. N. Sugar Corporation.

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Choose your Brahman from top gaining families without sacrificing the confirmation of your selection. This can be done at Norris, where years of Rate-of-Gain and scoring information is available.

LIVER FLUKES DESTROYED

By Efficient, Safe Drench

A n efficient drenching treatment to control the common liver fluke is proving valuable in the cattle and sheep industry. The efficient preparation is easily administered and is non-toxic to animals.

This simplified method of drenching with a single dose of the medicament offers protection against a destructive parasite that causes considerable annual losses. Often from 2 to 5% of the total possible weight of an animal is lost because of digestive and other disturbances caused by liver flukes. This frequency means 25-30 lb of weight is lost per month.

New sprays promise control

IRELAND needs alone require about one-half the fresh water used in the United States for March, 1960

This can be done at Norris, where years of Rate-of-Gain and scoring information is available.
Florida Breeders Show At
Ocala, Tampa, W. P. Beach

Keys Resoto Manso Jr. 605, Brahman bull "Big Otto," owned by Clyde J. Keys of St. Petersburg, swept his way to a clean victory and was proclaimed grand champion of both the Florida State Fair at Tampa and the Southeastern Fat Stock Show at Ocala.

Reserve grand champion and reserve senior champion of the fair at Tampa was ADS Ammon de Emperor, owned by

Duda and Sons, Cocoa. At the Ocala show, Bar D Emperor Manso 151, owned by Edward Duda, won the reserve champion position.

In female divisions at the State Fair held in Tampa the first two weeks in February, ADS Empress de Manso 975/0 of the Duda ranch was grand champion and senior champion. W. H. Stuart of Bartow showed the grand champion female, WHS Miss Rex, at Ocala.

Reserve grand championship at the State Fair went to WHS Lady Esto Imperial 256/1, also judged reserve senior champion, owned by the Stuart Ranch. At Ocala, Duda’s ADS Empress de Manso 93/1 captured the reserve champion title.

Don Wakeman, of the University of Florida faculty, was judge at the State Fair; at Ocala, W. T. Berry, Jr., of Texas A & M, judged the Brahmins.

At West Palm Beach, in the first showing of Brahman cattle in the South Florida Fair, W. H. Stuart Ranch of Bartow, showed all four grand champions.

WHS Esto Imperial 122/1 was named champion bull by James Pace of the University of Florida, who judged the show. WHS Lady Abco 444/1 was grand champion female of the show. WHS Esto 439/1 and WHS Miss Rex 438/1 were named reserve grand champion bull and female respectively. The get of WHS Esto 270 won the coveted get of sire class.

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

Ocala

Aged bulls (4) - Keys Resoto Manso Jr. 605 (grand champion), Clyde J. Keys, St. Petersburg; ADS Ammon de Emperor, A. Duda and Sons, Cocoa; WHS Cornelius 268/1, W. H. Stuart, Bartow; WHS Esto Imperial, Stuart.

Junior yearling bulls (7) - WHS Cornelius Imperator, Stuart; ADS Ulrich Duson, Duda; Keys Resoto Manso Jr. 816, Keys, ADS Spear Duson, Duda; FS Van Dorn Manso, Bar D; Summer yearling bulls (4) - Keys Bano Manso 979, Keys; ADS Sherburne de Emperor, Duda; WHS Ulfilas Imperial, Stuart; LS Philo Duda, Bar D.

Junior bull calves (7) - Keys Rahble of Manso 923, Keys; EOR Laveo King, Bar D; ADS King Deplexer Duson, Duda; ADS Duson’s Major, Duda; ADS Duson’s Santa, Duda;

Aged cows (4) - WHS Lady Esto Imperial, Stuart; ADS Queen de Manso, Duda; Miss Resoto Manso 605, Keys; Georgia Manso, Bar D;

Two-year-old cows (7) - WHS Miss Rex (grand champion), Stuart; ADS Empress de Manso, Duda; WHS Lady Abco 444/1; Stuart; ADS Empress de Manso 975/0; Duda; Miss Resoto Manso 707, Keys; LS Fryatt’s Lady Manso 299, Bar D; Senior yearling heifers (11) - EOR Princess Faynette, Bar D;

Junior yearling heifers (8) - ADS Empress de Manso 93/1 (reservve grand champion), Duda; ADS Duson’s Lady Alna, Duda; Keys Miss Bano Manso 894, Keys; Keys Miss Bano Manso 825, Keys; WHS Rexie Imperial 485/1, Stuart; Summer yearling heifers (3) - Keys Miss Resoto

This Duda . . . entry was grand champion female at Tampa and reserve grand champion at Ocala.

This Heifer . . . owned by Stuart, was grand champion at Ocala and reserve champion at West Palm Beach.

Keys . . . Resoto Manso 605, shown by Keys Ranch, was grand champion bull at Ocala and Tampa.

Florida Cattlemen's Association J. B. West Palm Beach International Equestrian Center West Palm Beach, Florida

The Florida Cattlemen's Association is a non-profit organization dedicated to promoting the cattle industry. They host various events and competitions throughout the year, offering opportunities for livestock producers to showcase their animals and learn from experts in the field. The Florida Cattlemen's Association is committed to the continued growth and development of the cattle industry in Florida and beyond.
Save TIME . . .

Save LABOR . . .

Save MONEY . . .

with American Brahmans

More meat in less time at lower cost—that's the formula for successful cattle production. With Brahmans you economize on TIME, LABOR and MONEY.

TIME . . . because Brahmans have more vigor, put on more pounds and reach the market sooner.

LABOR . . . because less "doctoring" is required since Brahmans have proven resistant to anaplasmosis, pinkeye, cancer eye and lumpy jaw.

MONEY . . . because Brahmans live longer, produce regularly and fatten on fair pasture—even in summer's heat.

Write Dept. C for free details

AMERICAN BRAHMAN BREEDERS ASSOCIATION

4815 GULF FREEWAY • HOUSTON 23, TEXAS

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 gentle 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 now have.

Shown above is our herd at the Florida State Fair in Tampa. The livestock show is the show window of the beef cattle industry. It is here that breeders can compare their animal's qualities with animals of other herds. Much breed improvement has resulted from such shows.

G.T. Stack
Livestock Management, Sales & Service

RANCH located at 22nd street Causeway at 71st Street.

CABLE "STACK" • 416 TAMPA ST. • TAMPA, FLORIDA
In addition to purebred Brahman breeding stock, we have several thousand Brahman X European hybrid steer calves and some Brahman X European hybrid heifer calves for sale and delivery in June, July, August and September. Our Brahman X European hybrid steer calves have proven themselves in Midwestern feed lots and are very much in demand. We should like to be favored with your inquiries for registered Brahman breeding stock, Brahman X European hybrid steer calves or heifer calves at weaning time.

U. S. Sugar Corporation
Located one mile West of Clewiston on U. S. 27
CLEWISTON FLORIDA

Bar D Ranch . . . showed the reserve grand champion bull at Ocala in Bar D Emperor Manso 151.

The National Safety Council reports that since 1952, the fatality rate per 100,000 farm tractors has increased from 18 to over 27, while the non-fatal accidents involving the farm tractor are estimated at 45,000 per year. The National Safety Council further points out that the total cost of all tractor accidents is over $1 million a year.
A scene from EBA’s 1959 Field Day—Watch for Announcement of 1960 Field Day

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.”

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.

Patronize These EBA Members

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MRS. ALMA B. REAGAN
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Eastern BRAHMAN ASSOCIATION
Affiliated with American Brahman Breeders’ Association

LIVESTOCK EXCHANGE BUILDING
KISSIMMEE, FLORIDA
A. F. and KENNETH CROW ... pioneer feeders of Brahman hybrid cattle of Milford, Illinois, have purchased a ranch near South Bay, where they are experimenting in various crosses of Brahman in an attempt to find the most efficient beef producer. Shown here are Brahman-Charolais crossbred cattle on the fine muckland pastures of Crow Ranch.
You Can't Afford NOT to Own a BETTER BRAHMAN

and that's what we produce!

Time Has Proven the Need for Brahman Blood of Good Quality!

VISITORS ALWAYS WELCOME

L.S. HARRIS RANCH

P. O. Drawer 731

TI Iden 6-8221

KISSIMMEE, FLORIDA

You Can't Afford NOT to Own a BETTER BRAHMAN

See us for Registered Brahman Bulls that Will Make You Money . . .

Top Quality Brahmans

Henry O. Partin & Sons, Inc.  TI 6-5603  Kissimmee, Florida
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A. Duda & Sons
registered Brahman cattle
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Demand Strong for Bulls
In Ocala's Annual Sale

Top 25% Averaged $657
Top 50% Averaged $390

A total of $79,345 was tabbed in the sale of 158 bulls at the Ocala Bull Sale, sponsored by the Marion County Cattlemen’s Association, held January 19, at an average of $502 per head.

Top-selling bull was JF Zato Heir 366, a Hereford consigned by Jo-Su-Li Farms, Colquitt, Georgia. With a “A” rating, the bull sold to Lovette Jackson, Gainesville, for $1225. Fin-Crest Hereford Farm of Raleigh, N.C., sold the second high for $1000 to J. H. Williams, Ocala.

A Jo-Su-Li Hereford brought the third high, $940, from L. S. Remsberg, Fort Lauderdale.

A polled Hereford consigned by San Fe River Ranch, Alachua, brought the fourth highest price, $800. Buyer was Francis Childress, Jacksonville.

The highest price for an Angus—$775—was to Longleaf Plantation, Aiken, South Carolina, for their entry, sold to L. K. Edwards III, Irvine.

The top Shorthorn price was $510, paid to Dr. H. D. Young, Leesburg, by S. Y. Hart, Avon Park.

Two Brahman's brought $775 each from Hunt Brothers, Lake Wales. One was consigned by W. H. Stuart, Bartow; the other was entered by A. Duda and Sons, Cocoa.

60 Herefords averaged $536; 59 Angus $508; 26 Shorthorns $370; 11 Brahman's $577, one Charolais $750 and one Santa Gertrudis $475.

Eleven “A” bulls averaged $676; 79 “B” bulls averaged $521; 68 “C” bulls averaged $451.

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

**Herefords**

- Consignors—Houston Hereford Farm, Perry, Florida; Jo-Su-Li Farms (3); Hesten Hereford Ranch, Brundidge, Alabama (5); Cok O’Walk Ranch, Meltonia (7); Smith Brothers, Micanopy (2); R. E. Woodbery, Summerfield (1); Caw Cow Plantation, Orangeburg, South Carolina (1); San Fe River Ranch (4); University of Florida, Gainesville (2); Circle T Ranch, Clermont (2); Fin-Crest Hereford Farm (6); & Garber, Summerfield (5); Still House Hollow Farm, Humie, Virginia (4); 96 Hereford Ranch, Ninety Six, North Carolina (5); Dixie Hills Hereford Farm, Fairburn, Georgia (4).

- Buyers—S. Y. Hart (1); $455; Smith Brothers, Micanopy (2); $490; Live Oaks Ranch, Altona (4); $450; R. M. Manosalva, Alachua (1); J. O. Pearce, Jr., Okeechobee (5); $2485; Lovette Jackson, Gainesville (1); $1225; L. S. Remsberg, Fort Lauderdale (4); $1000; Sim Blitch, Ocala (2); $1000; Iro Bronson, Kissimmee (7); $900; Bonnie Hauth Farm, Ocala (4); $2200; W. M. O’Dell, Oxford (3); $1500; J. B. Ranch, Sarasota (1); $850; Wilmer Thomas (1); $410; H. E. Wolfe, St. Augustine (1); $410; salad of two; $3600; Augustine Shorthorn, Leesburg (6); $3115; T. M. Deel, Maitland (1); $800; Augustein Shorthorn, Jacksonville (2); $3100; Deel Ranch, Sarasota (1); $750; V. E. Whitehurst (2); $1700; E. W. Cathey, Ocala (1); $155; Clyde Keys, St. Petersburg (1); $400; W. C. McDermott, Ocala (1); $850; Nelson Cameron, Ocala (1); $425; Fred P. Lom, Alachua (1); $450; Jackson Hereford Ranch, Gainesville (1); $500; Goode and Bryant, Alachua (1); $500; Kelly’s Ranch, Brooksville (1) $500.

**Angus**

Consignors—Zetrouser’s Stock Farm, Micanopy (10); M & M Ranch, Loxahatchee (7); Lucy G. Thomas, Groveland (5); O. D. Huff, McIntosh (11); Circle R Ranch, Lake City (4); A. J. McDonnell, Groveland (4); Long Leaf Plantation (7); University of Florida (2); West Central Florida Experiment Station, Brooksville (6).

Buyers—J. F. Butler, Crescent City (2); $1185; L. C. Haves, Dade City (2); $1005; L. K. Edwards III; $800; L. R. Becker, Fort Pierce (3); $1250; Hollinswood Ranch, Crystal River (3); $1540; Knowles and Company (2); $1200; A. W. Mansfield, Ocala (1); $210; Omaha Lumber Sales, Ocala (6); $2875; Iro Bronson (10); $4200; W. J. Forrester, Dothan, Alabama (1); $490; D. W. Lee, Jesup Springs (1); $430; A. Duda and Sons (2); $1240; King Ranch, Ocala (2); $900; G. H. Godtsach, Martin (1); $510; A. J. McDonnell, Groveland (1); $550; Simpson Ranch, Micayopy (1); $500; H. H. McBride (2); $1020; J. C. Pellicer, Bunnell, (1); $410; G. C. Perry, Jr., Oxford (1); $460; Harper Brothers, Pinson (1); $700; V. E. Whitehurst (2); $1100; King Ranch, Ocala (1); $850; C. H. Downs, Sarasota (1); $760; Otto King, Fort McCoy (1); $400; Clyde Keys (3); $1470; McBride (1); $460; Roland Wymgu, Umatilla (1); $570.

**Shorthorns**

Consignors—Howard Simpson, Mount Dora (4); Dr. H. D. Young, Leesburg (5); Jacken Farms, Plant City (9); CF Ranch, Winter Garden (3); Paul Jergens, Madison (3); Rowe and Company, Fort Lauderdale (2).

Buyers—Evle Phillips, Anthony (1); $280; J. H. Williams, Ocala (1); $500; A. Duda and Sons (4); $380; H. E. Wolfe (6); $6275; J. M. Gann, Ocala (3); $500; A. J. McDonnell, Groveland (1); $550; Simpson Ranch, Micayopy (1); $500; H. H. McBride (2); $1020; J. C. Pellicer, Bunnell, (1); $410; G. C. Perry, Jr., Oxford (1); $460; Harper Brothers, Pinson (1); $700; W. J. Kinney, Knowles (2); $700; Ansco Beutke, Alachua (1); $340; H. E. Holm, Holy Hill (1); $350; James A. Dodd, Martel (1); $700.

**Brahmans**

Consignors—W. H. Sturct (2); A. Duda and Sons (1); Bar D Ranch, Orlando (2); West Central Florida Experiment Station, Brooksville (4); Clyde Keys (2).

Buyers—Beverly Hills Plantation, Alachua (1); $450; Hunt Brothers (2); $1550; G. A. McQueen, Pottsboro, (1); $855; Lillian Lee and Son, St. Cloud (1); $700; Coral Farm, Flora Home (4); $2500; H. E. Wolfe (1); $430; Hugh Teuton (1); $300.

**Charolais**

Consignor—K Bar Ranch, Zephyrhills (1); Buyer—Mrs. B. McCown, Zephyrhills $750.

**Santa Gertrudis**

Consignor—West Central Florida Experimentation Station (1) Buyer—Charles S. Graves, Ridge Manor $475.

**Ag Graduates Needed**

A critical shortage of agricultural graduates exists. Willard M. Fifield, Provost for Agriculture at the University of Florida, points out that the University last year could have placed twice as many agricultural graduates as were available.

**Hay Cured Faster**

TME NEEDED to cure hay in the field was cut in half by using well兴建ed machines used in tests at the University of Illinois. Crushed hay was ready for bailing the day it was cut, it is reported.

MAN IS charged with the careless kindling of nearly 92 percent of fires on protected forest land during 1959, compared to only 59 percent caused by lightning, according to the Florida Forest Service. More than 46,000 acres were destroyed by fire.

66A

PASTURE GRASS
COVER CROP
SEED

"GET OUR LATEST PRICES"
"SINCE 1933"

"The House That Reputation Built"
Office & Warehouse located at
1333 W. Church St.
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Don’t Miss An Issue!
One Year, $2.00; Two Years, $3.00; Four Years, $5.00

The Florida Cattlemen

175 Head
Polled Shorthorns
Sell As 135 Lots

L and L Dispersion
Camilla, half by Georgia

FRIDAY, MARCH 25
10:30 a.m. E.S.T.

"in their working clothes"

See ad on Page 77
Florida's First Auction Sale Of Performance Tested Bulls

What kind of performance test have these bulls been on? This is the standard 140-day test, conducted entirely under direction of the state and federal Experiment Station.

What breeds of bulls are selling? The sale consignments include Angus, Brahman, Brahman-Angus, Charbray, Hereford and Santa Gertrudis—about 40 in all.

How recent will this production-test be? This will be the test just being concluded, approximately a week before the sale at the Brooksville station. The bulls may be observed at the station now.

Are there minimum requirements for selling, other than production-testing? Yes; each bull must show 2.0 pounds minimum daily gain during the test, and 1.9 pounds minimum weight per day of age.

Who are the consignors? The West Central Florida Experiment Station is selling a number of its own breeding; the others will come from H. C. Hopson, W. W. Leavine, Palmer Ranch, J. A. Pancoast, Fred S. Robbins, S. E. Thatcher, Harley Watson (all Santa Gertrudis); Randolph Farms (Hereford), and John O. Phipps (Charbray).

How old are these bulls? All are yearling bulls.
PERFORMANCE TESTED BULLS

AT AUCTION
THURSDAY, 2 P.M.
MARCH 24TH

WEST CENTRAL FLORIDA EXPERIMENT STATION
BROOKSVILLE, FLORIDA

in Conjunction with the Annual Field Day

PROGRAM FOR THE DAY:
9:00 a.m.—West Central Florida Experiment Station Field Day Begins.
12:00 noon—Beef Barbecue Served by Hernando County Cattlemen’s Ass’n.
2:00 p.m.—Auction Sale of Performance-Tested Bulls, Jim Pace, Auctioneer.

FOR CATALOG, OTHER INFORMATION:
Cal Burns, Performance-Tested Bull Sale Manager
West Central Florida Experiment Station
Box 246, Brooksville, Florida

Remember! This Is Florida’s First Auction
Of 100% Performance-Tested Bulls
Southwest Florida Fair
Again Features Beef

A large youth show with representation from several counties, plus a smaller display of adult-owned cattle, featured the Southwest Florida Fair's cattle show held in early February.

A wide variety of champions were picked from the 71 youth beef and dairy entries, and the six adult animals, exhibited at the show.

Knollwood Ranch of Fort Myers and Bartow showed the grand champion Angus bull in the open show, while Gulf Coast Farms of Fort Myers showed the Santa Gertrudis grand champion. Other Angus champions were: Reserve champion bull, Bob Trott of Clewiston; Grand champion female, Ronnie Robinson, Clewiston; Reserve champion female, Henry Bowden, Clewiston.

In junior competition, 4-H and FFA entries were judged separately, with the only overall champion being the Hereford steer which won the grand championship of the show for Smithy Polhill of LaBelle. Champions were shown by the following in the youth breeding beef cattle competition: FFA—Gerald Lewis, Billy Bowden, Bobby Trott, Charles Hooper, Ronnie Robinson and Rex Wycoff; 4-H—Henry Bowden, Mike Bowden, Bobby Jones, Danny Kreidler.

Winners in the open show, listed in order by classes, were as follows:

- Angus—Bulls under one year: Knollwood Ranch, Fort Myers and Bartow; Janette Peoples, Moore Haven; Mike Bowden, Clewiston; Bulls one to two years: Bob Trott (reserve champion), Clewiston; Knollwood; Charles Hooper, Clewiston; Bulls over two years: Knollwood (grand champion); Heifer one to two years: Ronnie Robinson (grand champion); Clewiston; Mike Bowden (reserve champion), Clewiston; Graham—Heifer: Susan Bronson, Moore Haven; Santa Gertrudis—Heifer: Heifer under one year: Billy Bowden, Clewiston; Heifer one to two years: Bobby Jones, Clewiston; Heifers over two years: Gerald Lewis (grand champion), Clewiston; Doug Pridgen (reserve champion), Clewiston; Billy Bowden; Bulls under one year: Gay Clark (grand champion), Clewiston; Gerald Lewis (reserve champion), Clewiston; Santa Gertrudis: Bull over two years: Gulf Coast Farms (grand champion), Fort Myers.

In the junior show, judging was under the Danish system, with all entries receiving ribbons. Blue ribbon winners in this show were as follows:

- FFA steers—Heavy: Larry Stephens (FFA champion, reserve grand champion), Frankie Grant; Medium: Ronnie Robinson (reserve champion), Charles Ward; Light: Russell Kirkpatrick, Ray Green;
- 4-H Steers—Heavy: Smithy Polhill (4-H champion, grand champion); Medium: Steve.
SG CHAMP... bull at Fort Myers was this Gulf Coast Farms entry, shown with Harold McLeod in background.

Bronze: Light: Larry McLeod, Joe Peeples; FFA Hereford--Bulls under one: Gary Click (champion); Heifer: Billy Bowden; Cow: Gerald Lewis (champion); Billy Bowden (reserve champion); Prigden (two entries);

FFA Angus--Bull under one: Bobby Trott champion; Bull one to two: Charles Hooper (reserve champion); Heifer under one: Rex Wycoff (reserve champion); Earl Heydal; Heifer one to two: Ronnie Robinson (champion) (two entries);

4-H Angus--Bulls under one: Jeannette Peoples; Mike Bowden; Heifer under two: Henry Bowden (champion); Heifer over two: Mike Bowden (reserve champion); 4-H Hereford--Heifer under two: Bobby Jones (champion); Heifer over two: Danny Kreidler (reserve champion);

4-H Brahman: Susan Bronson; FFA and 4-H Showmanship--Dairy: John Boyd, Gary Dressel, Michael Fletcher, Kenny Davis, Warren Fletcher, Tommy Vaughn, Bill Madclon, Bobby Reddish, Paul Click, Jack Brown; Beef: Russell Kirkpatrick, David Taylor, Charles Ward, Smitty Polhill, Joe McGll, Larry Stephens, Larry McLeod, Steve Bronson, Gary Clark, Billy Bowden, Gerald Lewis, Bobby Trot, Charles Hooper, Ronnie Robinson, Mike Bowden, Henry Bowden, Danny Kreidler, Susan Bronson; Youth Dairy--Jersey: John Boyd, Gary Dressel, Bobby Reddish, Gary Reddish; Holstein: Paul Click, Warren Fletcher, Carl Willis, Tommy Vaughn, Andy Ballard, Tommy Mann, Paul Click, Waine Morgan, Jack Brown; Guernsey: Jimmy Jordan, Michael Fletcher, Kenny Davis; Dairy Showmanship: Paul Click, with Holstein heifer; Carl Willis, with Holstein heifer; Tommy Mann, with Holstein heifer.

Florida Soils Need Additional Potash

Florida soils usually show from 300 to 500 pounds of potash per acre in the top six inches of land, but about 90 percent of this material is nonexchangeable and, for all practical purposes, not available for immediate plant use.

C. N. Nolan, assistant in soils with the Florida Agricultural Experiment Station, emphasizes that fertilizer potash must be added for economic production of crops.

Nolan advises that an acid soil should be limed before potash fertilizer is applied. The first effect of liming is to reduce the exchangeable potash, but it also increases the percentage retention of applied fertilizer potash, he says.

Loss of potash by leaching may be cut down by good soil management practices including liming, cover crops, and use of fertilizers, the soil analyst maintains.

Wildfires killed or damaged trees on 72 square miles of Florida's woodlands in 1959. That's equal to a blackened strip 625 feet wide stretching from Pensacola to Miami, the Forest Service points out.

Florida avocados keep best at 40 to 42 degrees. They should never be frozen.

for March, 1960

Selling 4 Breed Improvers!
Florida Hereford Ass'n. Sale
MARCH 12, OCALA

2 Good Service Age Polled Bulls
2 Outstanding Polled Hereford Heifers

At Tampa in 1958 Windsweep Victor "Zit" was Grand Champion bull; in 1959 AND 1960 his get won first place Get-of-sire. A daughter was Reserve Grand Champion in 1960.

Selling March 12 a member of the 1959 winning get, the very first "Zit" daughter ever offered for sale. She is the kind to be the mother of A HERD BULL bred to Windsweep Legend (Livestock Breeder Journal, July 1959) who can sire a real one. The other three sale animals are good ones too.

We guarantee all Windsweep Cattle to be breeders and free of dwarfism Herd certified and accredited.

Windsweep Farms
Ben and Jane Smith, Owners
Orville Sweet, Manager

THOMASTON, GEORGIA

your full-time servant for part-time wages

Figure out the additional ways that REDDY KILOWATT can do more work around your place... and save on costly man-hours.

It can be your most profitable move of the year.

There's NO MATCH for electricity...

the biggest bargain in your budget

FLORIDA POWER & LIGHT CO.
Helping Build Florida
HEREFORD Breeders Plan
For Spring Sale at Ocala

It's "Parade of Values" time for Floridians interested in registered Herefords, both Polled and Horned.

The annual Florida Hereford Association "Parade of Values" sale is slated at Ocala this year, starting at 1:00 p.m. on Saturday, March 12, at the Southeastern Livestock Pavilion, with 55 head consigned by member-breeders.

John Culbreath of Brooksville, owner of Bar-Bet Ranch and president of the Association, says good quality is assured for this year's auction, with the sale split almost evenly between bulls and females. Prior to the sale, on Friday, March 11, the association will hold its annual membership meeting and election of officers at the Brahma Restaurant in Ocala, beginning at 7:00 p.m. All cattle will be judged—starting at 9:30 a.m. on the 12th—with the sale slated to begin promptly at 1:00 p.m. Tom McCord of Montgomery, Alabama, will be auctioneer.

Information on consignors wasn't available at press time, but it's anticipated that, as usual, there will be entries from practically all the major Hereford herds in Florida, with some from out-of-state associate members of the association.

Last year, the spring auction was held at Quincy, with an average of $474 paid for the 25 bulls and 19 females. A top price of $2500 was paid at the auction, for a bull consigned by Double L Ranch of Plant City. Double L also sold the top two selling females, both at $1000 price tags.

"We'll have cattle in all price ranges as usual," Culbreath pointed out. "Bloodlines in various herds, and the needs of other breeders, usually account for the very high prices paid, but there are always a large number of good quality cattle at very reasonable prices—sometimes prices so low as to constitute extremely good bargains."

The Association's annual banquet meeting at the Brahma Restaurant is open to all interested, Culbreath points out. "We hope anyone who would like to visit with us will feel free to attend," he said.

Hereford Winners Listed for Ocala
And Tampa Shows

In HEREFO for 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:

- **Tampa Herefords**
  - Two year old bulls (3) - Creek Heir 7, Kirkland, Lakeland; H. L. Larry Domino 59, Double L Ranch, Plant City; SHF Proud Lady, George Culverhouse, Jr., Fort Pierce.
  - Senior yearling bulls (5) - A Victor Anxiety 34 (grand champion), Circle A Ranch, Sandersville, Georgia; Windsweep Victor 101, Windsweep Farms, Thomaston, Georgia; HSF Benny Domino, Santa Fe River Ranch, Alachua; Junior yearling bulls (8) - A Silver Mischief 6, Circle A; Windsweep Victor 104, Windsweep Farms; SHF Pawnie Victor, Santa Fe.
  - Summer yearling bulls (6) - HSF Silver Victor, Santa Fe; Windsweep Victor 106, Windsweep; F. H. Corral, Dixiedills Herford Farm, Fairburn, Georgia; Senior bull calves (5) - M B Larry Domino 256, Melin Brothers, Griffin, Georgia; D H Zato Colorado Anxiety 464, Dixiedills; SHF Pawnie Victor 104, Windsweep; Winter bull calves (3) - JF Zato Heir 525 (reserve grand champion), Jo-Su Farms, Colquitt, Georgia; Windsweep Victor 108, Windsweep; CHF Tone Return 2nd, Calloway Hereford Farms, Hamilton, Georgia.
  - Junior bull calves (6) - CAW Caw Husker 86, CAW Caw Plantation, Orangeburg, South Carolina.

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**REGISTERED POLLED HEREFORDS**
Billy H Ranch
Earl Higginbotham, Phones FA 2-2141, 2-1633
SANFORD, FLORIDA
See our Sires:
Both Sons of RCR Advanced Larry

**DIXIE HILLS HEREFORD FARMS**
See us in 1959 for your Hereford Bulls
Fairburn & Ben Hill, Ga.
Bob Nash, Mgr. Phone 6426
Headquarters
4 Miles east of Fairburn on Highway 92

**CAW CAW PLANTATION**
Phone JE 4-7971
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Pat Wilson, Owner • Phone 4571, 4511
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The bloodlines of champions

**CONNELL STOCK FARM**
Phones: Office PA 6-4041, Res. PA 6-4432
INVERNESS, FLORIDA
HEREFORD PARADE OF VALUES
SALE OF THE YEAR

HORNED

Ocala, Florida
Starting promptly at 1:00 p.m. in the southeastern Livestock Pavilion.

POLLED

Selling
55 Head

Program of Events

Annual membership meeting and election of officers will be held at Ocala's Brahman Restaurant on Friday, March 11th at 7:00 p.m. All members and interested breeders are urged to attend.

- Judging of all animals will begin at 9:30 a.m., March 12th.
- Sale of both bulls and females will begin promptly at 1:00 p.m., March 12th.

For information about this sale, contact John Culbreath, President
Florida Hereford Association, Brooksville, Florida
TWO OF THE TOP BULLS IN THE DENVER SALE COME TO FLORIDA

HR SILVER IMAGE 36 and ZATO LAD

We purchased these two outstanding bulls at the recent Denver sale. Zato Lad stood second in class to the Grand Champion bull in the open show. HR Silver Image 36 is three-quarters brother to the Reserve Champion bull and also three-quarters brother to the Reserve Champion heifer in the open show. These bulls will join our herd of clean pedigreed cattle. See them soon.

DOUBLE L RANCH

L. T. Longford, Owner
Grant Hutto, Herdsman
Plant City, Florida

Herefords

Floridian

Putnam

Bartow, Florida

Herefords that

Breeding age animals always available.

The Creek Farm

Minor S. Jones III, Owner
Phone ATwater 4-6151

Pt. Meade, Florida

RESERVE COW...

Jo-Su-Li... also had the reserve champion bull at the State Fair, held for this photograph by Ralph Thompson.

DH Zato Silver 485, Dixie Hills; SFR Paws 5, Santa Fe.
Spring bull calves (10) - CHR Shadow Heir 14, Callaway; HSF Promoter Domino 2, Santa Fe.
SFP Larry 7, Shuman.
Three bulls (8) - Circle A; Windsweep, Santa Fe.
Two bulls (9) - Circle A; Windsweep, Santa Fe.
Senior yearling heifers (3) - L. L. Miss L Domino 131, Double L; BBF Silver Heiress, Bar Bel Farms; Creek Zato Heiress 1, Fort Meade FFA.
Junior yearling heifers (9) - SFR Miss Royal L, Santa Fe; Caw Caw R Heiress 855, Caw Car Plantation; DH Zato Lass 370, Dixie Hills.
Summer yearling heifers (4) - L. L. Miss L Domino 144, Double L; D. H. Zatoconte, Dixie Hills.
A Lady Anxiety, Circle A.
Senior heifer calves (5) - Caw Caw Supreme 867, Caw Caw; MC Miss Princess 865, Callaway; C A Miss Silver 22, Circle A.
Winter heifer calves (6) - JF Zato Heiress 621 (grand champion), Jo-Su-Li; Windsweep Venus 2 (reserve grand champion), Windsweep, CA Miss Silver 25, Circle A.
Junior heifer calves (10) - DH Zato Heiress 156, Dixie Hills; Caw Caw Haskett 897, Caw Caw.

The Florida Cattleman
REPEAT PERFORMANCE

JF Zato Heiress 531 is a 3/4 sister to the Champion Hereford Female at the 1959 Florida State Fair.

JF Zato Heir 525 is a 7/8 brother to the Reserve Champion Hereford Bull at the 1959 Florida State Fair.

See Our Consignment Of One Heifer and Three Bulls at the Florida Hereford Association’s Spring Show and Sale at Ocala on March 12.

JF ZATO HEIRESS 531, Grand Champion Hereford Female at the 1960 Florida State Fair.

JF ZATO HEIR 525, Reserve Grand Champion Hereford Bull at the 1960 Florida State Fair.

Jo-Su-Li FARMS

One of the South’s Pioneer Hereford Herds

COLQUITT * GEORGIA

Phone 3637

Clarence Cross
Owner

Ralph Thompson
Show Herd

John Wolf
Breeding Herd
Double L Buys Bulls

L. T. LANGFORD of Plant City purchased three registered Hereford bulls at the National Western Sale held recently in Denver, Colorado—bulls which he believes strengthen his registered Hereford breeding program (see photo).

Zato Lad, a summer yearling, stood second in class to the grand champion in the open show. HR Silver Image 365th is a senior calf. And M. Oward Domino 8th is another bull calf. In addition, a fourth bull was purchased by Langford and Jo-Su-Li Farms of Colquitt, Georgia.

Langford's Double L Ranch has upwards of 100 registered horned Hereford breed cows.

Prices paid for all of the bulls were not available; however it was reported that Zato Lad cost Langford $3500, while HR Silver Image 365th was purchased at a cost of $2500. Both bulls are clean-pedigreed, as well as being outstanding individuals.

PRACTICAL POLLED HEREFORD BULLS FOR SALE

Eliminate guess work and Buy your next Bull on his Breeding and Performance.

We have 20 Double Registered Bulls, weighing from 825 to over 1200 pounds at approximately 10 to 14 months of age, for sale on the farm.


Our bulls carry large amounts of Victor Domino breeding and other bloodlines coming from John M. Lewis, Circle M, Double E and other prominent herds.

On February 2, 1960 our chain No. 32, on test at Tifton, Ga., with a weight of 1004 pounds at only 345 days of age was the heaviest Polled or Horned Hereford in the Performance Test since it started in October, 1959, out of 167 on test. He and others should sire outstanding beef type steers.

Never had a dwarf calf. Do not own a nurse cow.

R. W. JONES, Jr.
Phone TR 4-4467
Rt. 1, Box 157
Leslie, Georgia

OCALA CHAMP ... in Hereford bull competition was this Dixie Hills entry, held by Manager Bob Nash.

Gay Plantation
Hangout for Southern Silvers
Breeding Stock Available At All Times
J. R. Suber, Owner
WHITMIRE, SOUTH CAROLINA

HEREFORDS
See us for outstanding bulls and females. Featuring Flat Top Rupert 39th as chief herd sire.

Payne & Son
C. M. & Kelsey F. Payne, Owners, Phone 64399
SEBRING, FLORIDA

CALLAWAY HEREFORD FARMS
HAMILTON, GEORGIA

HERD SIRES: Silver Return 3rd, CHF Real Silver 1st, CHF Zato Return 4th, CHF Silver Zato 616th, Canon L. Callaway, Jr., Owner
Jesse Mitchell, Manager • Phone Main 84474

REGISTERED HEREFORDS
Bar-Bet Farms
Mr. & Mrs. John Culbreath, Owners
Phone 3175, Rt. 4, Box 547
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Member Florida Hereford Association

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Circle A Ranch
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PERHAPS THE GREATEST CONCENTRATION OF
HAZLETT BLOODLINES
EVER TO SELL IN THE GREAT SOUTHEAST

Announcing
Complete Dispersal
PENNWOOD FARMS

April 12 Holly Hill, South Carolina

ASK FOR COMPLETE INFORMATION
Sam Wright, Mgr., HYatt 6-3781 or T. J. Pendarvis, Owner: HOLLY HILL, S. C.

19 BULLS SELLING
(including two herd sires)
A powerful contingent headed by MW Domino Heir 11th whose get and service are a sale feature. The "11th" is by Domino Heir M557th and traces back to Domino Heir Jr., by a son of Royal Essar 30th through T Royal Rupert 60th and Hazford Rupert 81st. His second dam is a granddaughter of Modest Lamp-lighter. Also selling DH Zato Heir 243rd, sired by Duncan's Zato Heir out of a daughter of Morlunda Donald, a son of Letson Lad 244th. Fourteen bulls, 18 months to two years of age . . . several key prospects among them. Remember we will offer 15 4-H and FFA steers at the close of the sale.

83 FEMALES SELLING
An all clear pedigreed herd—100 percent calf crop for the last two years. A closely-bred herd of Lomatone 33rd, Royal Essar 28th (pictured left), T Rupert Tone 6th and Blanchard Anxiety cows. Includes five daughters of Royal Essar 28th; five granddaughters of T Rupert Tone 6th; 11 daughters of Lomatone 33rd by T Rupert Tone 6th thru Hazford Tone 74th (pictured below); nine daughters of Timberline 55th; etc. Cows sell with calves at side. Outstanding individuals, excellent milkers and tremendous bodies.
The WIREGRASS POLLED HEREFORD ASSOCIATION

SPRING SALE

March 31, 1960 - Dothan, Alabama

SELLING 50 HEAD-25 Bulls-25 Females

Consigned from leading herds in Alabama, Florida and Georgia

FREE DELIVERY UP TO 500 MILES FROM DOTHAN
At Buyer’s Risk

At C&F FARM 3 miles east of courthouse on U. S. Highway 84

SALE BEGINS 12 NOON

A. W. “HAM” HAMILTON, Auctioneer

Buyers at the fall sale of the Wiregrass Polled Hereford Association last November walked away with some of the finest values in highest-quality animals of any nationally advertised sale.

Come and bid on these outstanding Polled Hereford animals. Some of the females sell with calf at side. Remember, FREE DELIVERY—500 MILES.

For free catalog, motel or hotel reservations, and further information, write

Wiregrass Polled Hereford Association
P. O. Box 1083, Dothan, Alabama
COMPLETE DISPERSION

CATTLE SELL GUARANTEED

Herd Bang's Certified T.B. Accredited
Cattle Can Go Anywhere

Left, four daughters of the famous $7,000 L and L sire, Oakwood Conquest x. Forty daughters are in the herd. All sell.

L and L Farms Polled Shorthorns
175 head sell as 135 Lots
FRIDAY, MARCH 25
Mitchell County Sale Barn
SALE STARTS AT 10:30 A.M.

CAMILLA, GEORGIA

27 Bulls
Four herd sires.
Seven yearling and two-year-old bulls.
Sixteen younger bulls.

108 Female Lots
78 cows...40 with calves at foot, others well along.
17 heifers with their first calves at foot or right up to calving.
13 younger heifers.

It is with great regret that I have reached this decision to disperse our herd. Our expanding business activities keeps consuming more of my time. We had to sell our original farm, and the labor and building set-up on the new one doesn't fit a large registered herd. I fully expect to operate a small herd of Polled Shorthorns at some future date, but in fairness to those who attend this dispersion we are selling every animal. This has been a profitable herd. In one year, we sold over $60,000 in cattle from a 125-cow herd. We have held five production sales and the overall average on all cattle sold was $560. L and L was the first Polled Shorthorn herd in the Southeast to hold a production sale of its own. These cattle are thin. They are not in shape to bring high prices. They are healthy, prolific and profitable...every cow knocking out a good calf every year. You can capitalize on our years of hard work and effort.

For your sale catalog address
DON LONGLEY, SALE MGR.,
16 SO. LOCUST ST.,
AURORA, ILLINOIS
L & L Is Dispersing Herd

Complete Dispersal of the L & L Farms Polled Shorthorn herd is scheduled for the Mitchell County Sale Pavilion, at Camilla, Georgia, on Friday, March 25, with 175 head to sell as 135 lots in the auction.

That's the word from Jim Adams, who also owns registered Quarter Horses and is widely known throughout Florida, through his business and livestock interests.

The L & L sale will provide an excellent opportunity for existing herds to be strengthened and new herds to be formed, says Don Longley, of Shorthorn World, sale manager for the event. And the quality of the L & L herd underlines this fact.

Adams for several years conducted his own production sale at the farm near Dothan, Alabama. His cattle were sold into 17 states and Canada, with an overall average of $560 on the five sales. "He proved one important thing to other breeders starting in the Southeast," says Longley. "If you raise them good enough, people will come to the Southeast from all sections of the nation to buy them."

Included in the sale offering are four well-known sires: Imported Noemoor Saracen, The Pattern x (many times a champion), Oakwood Democrat x and Acadia Highland Jubilee x. There are seven yearling and two-year-old bulls, 16 younger bulls, 78 cows (40 with calves at foot), 17 heifers with their first calves at foot or close to calving, and 13 younger heifers.

Shorthorn Breed Winners at Ocala And Tampa Livestock Shows Given

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:

Tampa Shorthorns
Two year old bulls (2) — Edelwyn Emperor (grand champion, senior champion), Smith Ranch, Winter Haven; Jacklen Bank Standard, Jacklen Farms, Plant City.

Junior yearling bulls (3) — Oakwood Watchman (reserve senior champion), Smith; Allerdale Lieu-tenant, Boll Weevil Plantation, Waynesboro, Georgia; Calrossie Outlook 2d, Boll Weevil.

Summer yearling bulls (2) — Kickapoo Highland Laird, Smith; Mutador, Boll Weevil.

Senior bull calves (3) — Seaweed, Boll Weevil; Typhoon, Boll Weevil; Jacklen Supreme, Jacklen.

Junior bull calves (3) — Calrossie Ocean Wave 4th (reserve grand champion, junior champion), Boll Weevil; White Plains Champion, Smith; Jacklen Express Mercury, Jacklen.

Summer bull calves (3) — Jacklen Sensation (reserve junior champion), Jacklen; Jacklen Fascination, Jacklen; S. R. Prince Perfect, Smith.

Three bulls (4) — Smith; Boll Weevil; Jacklen.

Two bulls (4) — Boll Weevil.

Two year old heifers (2) — LoMar Clipper 12th (senior champion), Boll Weevil; Jacklen Nonpareil, Jacklen.

Senior yearling heifers (11) — Gravel Ridge She-crete, Smith.

Junior yearling heifers (4) — Susanna's Lady Ramsden (reserve senior champion), Boll Weevil; Glen Cove Maid, Smith; Jacklen Lena Beauty 2d, Jacklen.

Senior yearling heifers (4) — Braith Bets 2d (grand champion, junior champion), Boll Weevil; Susan's Secret 2d, Boll Weevil; Glen Cove Mindy, Smith.

Senior heifer calves (2) — Jacklen Queen of Beauty, Jacklen; S. R. Broadbrook, Smith.

BOLL WEEVIL ... Plantation had the Shorthorn champion cow at Tampa, held here by Mrs. Hugh Fenway.
We Had Three Champions At The Florida State Fair

BRAWITH BETSY 2D, Grand Champion Short-horn female at the Florida State Fair. She was also Grand Champion at the recent North Florida Fair in Tallahassee.

PAULINE'S JULIET, Reserve Grand Champion Short-horn female at the Florida State Fair in Tampa.

CALROSSIE OCEAN WAVE 4TH, Reserve Grand Champion at the Florida State Fair. He was also Reserve Grand Champion at the North Florida Fair in Tallahassee.

We would be delighted to have you visit us and see these animals as well as the rest of our herd.

Grand Champion Shorthorn Female

Reserve Champion Female

Reserve Champion Bull

BOLL WEEVIL PLANTATION

Mrs. Hugh Fenwick, Owner
H.E. Lyons, Herd Manager
WAYNESBORO GEORGIA
The Florida Cattleman

RESERVE BULL . . . at Tampa was an entry of Boll Weevil Plantation, and held for picture by Mrs. Hugh Fenwick, owner.

MRS. FENWICK . . . also posed for picture of the reserve champion Shorthorn cow at Tampa, another Boll Weevil entry.

SMITH RANCH . . . also showed the reserve champion female at Ocala. This entry is also being shown by Frank Smith.

Junior heifer calves (3) —Pauline's Juliet (reserve grand champion, reserve junior champion), Boll Weevil; Jacklen Rose, Smith; S. R. Golden Secret, Smith.
Summer heifer calves (1) —Jacklen Bonny Mayflower, Jacklen; Two females (4) —Boll Weevil; Jacklen; Jacklen; Pair of yearlings (4) —Boll Weevil; Boll Weevil; Smith; Get of sire (3) —Get of Calrossie Ocean Wave, Jacklen; Boll Weevil; get of W. L. Bank Standard 8th, Jacklen; get of W. L. Bank Standard 8th, Jacklen; Junior get of sire (2) —Get of Calrossie Ocean Wave, Boll Weevil; get of W. L. Bank Standard 8th, Jacklen.

SHORTHORN Sires

Smith Ranch

H. L. & P. N. Smith, Owners
Gorland Snyder and Frank Smith, Herdsmen
Phone CY 3-2930, Winter Haven, Fla.
Ranch on Painetta Park Road, five miles northeast

NERONGRA

Smith Ranch Shorthorns

H. L. & P. N. Smith, Owners
Gorland Snyder and Frank Smith, Herdsmen
Phone CY 3-2930, Winter Haven, Fla.
Ranch on Painetta Park Road, five miles northeast

Ferongra Acres

For Shorthorns

Dr. H. D. Young, Owner
Ph. St. State 7-4324, Leesburg, Fla.
Farm located 3 miles so, of Webster off Hwy 50

The Florida Cattleman
GRAND CHAMPION
Santa Gertrudis
Cow At:

South Florida Fair
W. Palm Beach
Florida State Fair
Tampa

You Can Depend On Panuleta Santa Gertrudis, On Pasture Or In The Show Ring

Now offering Yearling Bulls and Heifers
Come see us as customers or friends
The gate is open

PANULETA FARMS at
ARTHUR PANCOAST, Owner, Miami Phone Wilson 7-4662
CHARLES WOLF, Herdsman, Delray Beach Ph. CRestaWood 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

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Many property owners have found the J. L. Todd Auction Co. way THE WAY to realize more when they decided to sell. You benefit from complete, specialized services of experts, it is our business to reach men willing and able to buy cattle, land, timber, machinery, etc. We know how to subdivide and offer your property so it will have maximum appeal to multiple buyers.

Perhaps you have capital tied up in assets you can't look after. Maybe you've earned the right to retire or have an opportunity to launch a new endeavor with a greater future and need to raise capital. In any case, it will pay you to talk with a J. L. Todd Co. representative.

WRITE NOW FOR FULL DETAILS AND AN APPRAISAL
(positively no obligation)

J. L. Todd Auction Co., Phone 7-5548
1005-16th Street, North
St. Petersburg, Florida

Gentlemen:

I am interested in the auction method of selling and want full details.

Name ________________________________
Address ________________________________
City ___________________________ State _______
No. Acres __________________ Location _______
Brief Description ____________________________

Certified and Accredited
Santa Gertrudis
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.

Advertise!

SORGHUM ALMUM GRASS
GROWS IN FLORIDA

Florida soil can produce Sorghum Almum Grass—high in protein and vitamin A—ideal for grazing hay or grassing. The seed we are offering for sale was grown at Arcadia, Florida, in 1959. Florida State analysis of this seed: Purity 96 percent; Germination 89 percent; and no obnoxious weed seed. Supply limited

10 Pounds Postpaid $11.50
25 Pounds F.O.B. 25.50
50 Pounds F.O.B. 47.50
100 Pounds F.O.B. 90.00

Florida Green Feed Company
Box 8832
Tampa 4, Florida

80B

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Perhaps you have capital tied up in assets you can't look after. Maybe you've earned the right to retire or have an opportunity to launch a new endeavor with a greater future and need to raise capital. In any case, it will pay you to talk with a J. L. Todd Co. representative.

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SORGHUM ALMUM GRASS
GROWS IN FLORIDA

Florida soil can produce Sorghum Almum Grass—high in protein and vitamin A—ideal for grazing hay or grassing. The seed we are offering for sale was grown at Arcadia, Florida, in 1959. Florida State analysis of this seed: Purity 96 percent; Germination 89 percent; and no obnoxious weed seed. Supply limited

10 Pounds Postpaid $11.50
25 Pounds F.O.B. 25.50
50 Pounds F.O.B. 47.50
100 Pounds F.O.B. 90.00

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80B
FLORIDA SANTA GERTRUDIS
WILL BE A FEATURE OF FLORIDA'S FIRST ANNUAL
Performance Tested
BULL SALE
THURSDAY, MARCH 24, 2:00 P.M.
At West Central Florida Experiment Station
BROOKSVILLE, FLORIDA

Take Advantage of This Opportunity!

PERFORMANCE TESTING has proven to be a valuable guide to increased production. Three-fourths of animals tested will breed like they feed. All of the animals in this sale will have completed an official 140-day performance feeding test and their individual performance figures will be in the sale catalog. ONLY THE GOOD-DOING BULLS ON THE TEST WILL SELL!

BUY THE BEST IN BEEF CATTLE . . . BUY SANTA GERTRUDIS!

FLORIDA SANTA GERTRUDIS ASS'N
J. Arthur Pancoast, Secretary, Ph. Miami WI 7-4662, Uleta, Florida
Palmer Ranch Sets the Pace!

Palmer’s Primero, Grand Champion at Tampa

Here’s Our Record at Tampa and Kissimmee Shows

**FLORIDA STATE FAIR**
Tampa, February 8-13
- Grand Champion Bull
- Reserve Grand Champion Female
- Senior Champion Bull
- Junior Champion Bull
- Reserve Senior Champion Bull
- Reserve Senior Champion Female
- Five First Places
- Five Second Places
- Four Third Places

**KISSIMMEE VALLEY LIVESTOCK SHOW**
Kissimmee, February 16-20
- Grand Champion Bull
- Reserve Grand Champion Bull
- Reserve Grand Champion Female
- Senior Champion Bull
- Junior Champion Bull
- Reserve Senior Champion Bull
- Reserve Senior Champion Female
- Seven First Places
- Two Second Places
- Six Third Places

Certified and Accredited Santa Gertrudis

Palmer Ranch, Sarasota, Florida
P. O. Box 1480
Phone Ringling 6-1106 or WAbash 7-3226

CHARTER MEMBER: SANTA GERTRUDIS BREEDERS INTERNATIONAL AND FLORIDA SANTA GERTRUDIS ASSOCIATION
Selling ‘On the Board’

Glades Market Lays Plans to Launch New Type of Auction Sale

A new type of auction selling—where the cattle don’t go near the market but the buyers do—may be introduced to Florida this spring.

The system is called “board selling” and the innovation has been tentatively planned by the Glades Livestock Market at Belle Glade to start in the near future. Will it work? It’s too early to tell—but it does answer many of the objections of both buyers and sellers to auction selling of large groups.

In California it has been successfully used in selling sheep in one area. Thousands of head change hands at “auctions” where the animals don’t actually enter the stockyards! A similar system is used for swine in parts of Canada. Here’s how it works:

Cattlemen “A” signs up to sell, we’ll say, 50 steers he thinks will grade U.S. Standard. He would tell the market by Wednesday (of the week before the regular Monday sale at the Glades Market) the location where these cattle can be seen by potential buyers. He also specifies whether the cattle are to be weighed (1) at the ranch, (2) by the packer at the packing house, or (3) at some other location, perhaps the auction market. He also describes the loading conditions—where the cattle are to be loaded and when they will be available.

The Glades market will then list these cattle on its “board”—a lined blackboard containing all the necessary information. In addition, the market will contact all known buyers by telephone or otherwise, giving them this information.

The following Monday, as part of the regular sale, the “board” cattle, which won’t be in the ring at all, will be auctioned off to the buyers, who by that time have had time to inspect them at the farm.

Selling at auction on the “board” is an effort to answer the objections of both buyers and sellers to the sale of certain types of cattle (generally slaughter grades such as U. S. Standard, or U. S. Good) on the auction markets.

Cattlemen have complained that there is too much “shrink.” Packers have complained about excessive bruising. The markets have protested both accusations, but still the direct selling continues.

“Every effort has been made in our consideration of this plan to take into account the needs of the buyer (who wants to know he can buy the cattle), as well as of the seller (who wants to be sure he’s getting the top dollar),” says George Young, manager of the Glades market.

“There has been a lot of interest in the idea, and while we are not yet ready to set a definite date when these sales will begin—we hope it will be this spring.”

Naturally, since the cattle won’t have to be handled, the commission for selling will be much lower. The Glades market proposes to handle the sale for one percent, but not more than $1.50 per head, Young reports.

Planning for the “board” sales began last summer. The Glades market is a cooperative, with more than a hundred members. Discussions and meetings and conferences involving the Association’s management have been held with packers, calf buyers, and local and out-of-state stocker buyers, as well as with state and federal marketing specialists. In addition, meetings with producers have also been held to learn their thinking.

Out of these discussions grew an understanding of the problems involved in direct selling.

Packers should not be too happy with the direct selling method under which they make an offer, then many see their competition bid another quarter cent and take the cattle, yet they, themselves, have no further chance to bid!

The producer, likewise, feels duty-bound to see that more than one buyer sees his cattle before selling. Even when he makes a “deal,” there is suspicion that someplace, somewhere, might have paid a little more for the cattle.

Yet, the cost, and wear and tear on cattle, involved in sending them to the auction market itself influences many cattlemen to sell their cattle at the ranch, regardless of the buying power they would attract at the auction.

Will the new system work? Nobody knows yet. Of course, like direct selling, it is important only to the producer who can sell semi-loads or more of well-matched cattle at one time.

“We think it ought to work,” says Young, “since it helps cattle to move smoothly from seller to buyer with a minimum of effort and waste and a maximum of efficiency and convenience.”

Land Judging Teams to Compete

FLORIDA 4-H and FFA teams will be named official representatives of the state to compete in a national land-judging contest in Oklahoma City, Oklahoma, April 28 and 29.

The teams will be selected in competition to be conducted April 1 in Gainesville. Delegates to this state contest will be the winners of the competition to be conducted on a county-wide basis.

In announcing the events, J. H. Herbert, Jr., conservationist with the Florida Agricultural Extension Service and secretary of the state land judging committee, explains that three members and one alternate will make up each team. The contest includes judging land for surface texture, organic matter, thickness of soil, movement of soil, air and water, slope, wind and water erosion, and drainage. Contestants are required to recommend treatment to correct poor land conditions.

Local judging contests are scheduled in Lafayette County the last week in February; in Jackson, Liberty and Calhoun counties March 11; Levy, March 15; and Washington County March 19. Events are planned in Suwannee and Hillsborough counties, but dates have not been set. Columbia, Alachua, Gilchrist, Hardee and Marion counties are also expected to select teams.

Beef Council Finances Reported

Collections during January amounted to $1678.88—one of the larger collections in recent months—reports R. Elmo Griffin of Kissimmee, who is treasurer of Florida Beef Council.

During the month $433.92 was paid out, so the Council improved its cash balance from $3840.06 on January 1 to $5530.44 on January 31. However, of that balance, $310 be- longs to the “napkin fund” designed to purchase cattle brand napkins for free distribution to conventions, $167.84 is earmarked for National Live Stock and Meat Board, and $335.68 is ear-marked for National Beef Council.

Paid during the month were: $218.94 to Louis Benito Advertising; $71.66 to National Live Stock and Meat Board and $143.32 to National Beef Council on December collections.

Received during the month were: J. R. Simmons $80, Loeb and Gottfried $26.20, Herbert Luffman, $1.10, Immokalee Ranch $50.70, Cecil Ryals $2.50, Henry O. Partin and Sons $19.90, Lykes Brothers Meat Packers $109.20, Glades market $136.33, Ralph Redding $16.30, Beverly Hills Plantation, Inc., $85.60, Sarasota market $191.60, J. L. Kindred $3.20, H. B. Ryals $72.00, Kissimmee market $267.05, Cattlemen’s market $3.10, Okeechobee market $80.00, Jones-Chambliss Company $82.70.
A scientific feeding of a number of steers in the largest commercial feedlot in Texas clearly demonstrated the superior results produced by a highly effective worm killer.

The steers were divided into two pens for a twelve week period and were fed exactly the same rations. Pen A contained 135 steers which were drenched with Tena-Bov, a cattle wormer made with "purified" phenothiazine. Pen B contained 136 steers which were drenched with ordinary green phenothiazine. Worms were not a serious problem in these cattle.

The Tena-Bov drenched steers made an average daily gain of 2.5 pounds at an average cost of 22c per pound during the twelve-week period. Those treated with ordinary green drench made an average daily gain of only 2.3 pounds at a cost of 24c per pound. Total weight of pen A (drenched with Tena-Bov) was 30,882 pounds. Pen B (given ordinary green drench) weighed only 28,379 pounds. Thus by actual weight the pen of steers treated with Tena-Bov Drench gained 2,453 pounds more than those given ordinary green drench.

For example, a market price of 25c per pound would make the steers in pen A worth $613.25 more than those in Pen B.

Worms cost you money everyday, whether your cattle are on pasture or in the feedlot. By getting rid of these costly parasites . . . your cattle make bigger gains and more profit for you at less cost. Tena-Bov is available through your dealer. Cairo Livestock Supplies, Box 334, Cairo, Georgia.—ADV.

As always at the Florida State Fair in Tampa, one of the highlights in the livestock show was the parade of cattle raised by youngsters as part of their projects in FFA and 4-H club work throughout the state. The boys and girls proudly led the animals they had groomed to perfection, bringing to a climax the hours spent caring for the animals in preparation for this big event.

Champions named in FFA competition listed by breeds, were as follows:


Brahmans—Grand champion bull: WHS Ulfildias Imperator 599/1, Rodney Hammond, Winter Haven; Grand champion female: WHS Lady Esto Emperator, Bartow FFA Chapter; Reserve grand champion bull: WHS Chunko Manso, Lucious Carter, Bushnell.

Herefords—Grand champion bull: L. L. Larry D. 109, Fort Pierce FFA Chapter; Grand champion female: Creek Zato Heiress 1, Fort Meade FFA Chapter; Reserve grand champion bull: SHF Proud Larry, George Culverhouse, Fort Pierce; Reserve grand champion female: WGH Lady Larry 72, Culverhouse.

Santa Gertrudis—Grand champion female: Cretta-Rose, Pinecrest FFA Chapter, Lithia; Reserve grand champion female: Pinevelyn, Pinecrest FFA.

Champions named in 4-H competition, listed by breeds, were as follows:

Angus—Grand champion bull: Range H. Prince Bandoler II, Charles Paxton, ESTE.
RESERVE GRAND CHAMPION
1959 and 1960 Florida State Fair

VELBERTAN'S DUKE

We were proud that our VELBERTAN'S DUKE could be named Reserve Grand Champion Santa Gertrudis Bull at the Florida State Fair for the second consecutive year. We believe he will be outstanding as a Herd Sire as he has been a show bull. Also, we were pleased with the overall excellence of our other show cattle who won nine first places at the 1960 Florida State Fair. Stop by and visit with us—We're always glad to have visitors.

For Sale

We are now offering 28 head of high quality yearling heifers for sale. These females are good enough to fit into any herd. We also have a few "S" bulls available at this time.

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MR. AND MRS. W. W. LEAVINE

Box 178, Odessa, Florida

Leonard Godwin, Herdsman

Phone Tampa WEBster 0-2881

MEMBER: Santa Gertrudis Breeders International and Florida Santa Gertrudis Association
FSGA Directors Hold Meeting

FLORIDA SANTA GERTRUDIS Association’s directors met in Tampa during the State Fair to discuss plans for the Brooksville Station Bull Sale and set a summer meeting time and place.

The association is interested in the Brooksville sale—and helping promote it—because most of the bulls sold will be Santa Gertrudis.

Directors reported that the bulls have been screened by a committee of three, including Dr. Robert L. Reddish, Loutie H. Gilbreath and Irwin Sandhur. The sale will feature young bulls which have completed the 140-day feeding trials at Florida West Coast Experiment Station.

The summer meeting of the association has been set for June 9, at S.E. Thatcher’s Picnic Grove and Ranch, near Plant City.

---

Wildwood: Grand champion female: Hughes Queen of Ellenton, Curtis Wayne Hughes, Ellenton.


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

FFA Angus
Bulls calved January 1 to August 31, 1959 (6)—Blues to: Oliomere of Alexander (grand champion), O. K. Alexander, Seffner.

Bulls calved May 1 to December 31, 1958 (4)—Blues to: Prince Bonny HFA (reserve grand champion), Henry Allen, Plant City; Bonnie Prince of T. C. 6, Turkey Creek FFA Chapter.

Females calved January 1 to August 31, 1959 (7)—Blues to: Lady Hamilta 55 (reserve grand champion), Billy Kinney, St. Cloud; Princess Barbara 25, Aubrey, St. Cloud; Enchanting Miss T. C. 5, Turkey Creek FFA.

Bulls calved May 1 to December 31, 1958 (10)—Blues to: Barbara T. W. 58 (grand champion), Eldridge W. Lowrey, Jr., Inland; Enchanting Miss T. C. 4, Turkey Creek FFA.

Females calved July 1 to April 30, 1959 (1)—Blues to: Queen Mother 83 of Wee Lake Alexander; Wallis Acres Joy 10, Steve Houk, Arcadia; Juana of Dundee, East Bay FFA Chapter, Wimauma.

Bulls calved before June 30, 1957 (3)—Blues to: Wallis Acres Lady Erica, Houk.

FFA Brahmans
Bulls calved January 1 to August 31, 1959 (1)—Blues to: WHS Chunko Manso (reserve grand champion), Lucious Carter, Bushnell.

Bulls calved May 1 to July 1, 1957 to April 30, 1958 (1)—Blues to: WHS Tillifus Imperator 559 (1) (grand champion), Rodney Hammond, Winter Haven.

Females calved July 1 to April 30, 1959 (1)—Blues to: Queen Mother 83 of Wee Lake Alexander; Wallis Acres Joy 10, Steve Houk, Arcadia; Juana of Dundee, East Bay FFA Chapter, Wimauma.

Bulls calved before June 30, 1957 (3)—Blues to: Wallis Acres Lady Erica, Houk.

FFA Herefords
Bulls calved January 1 to December 31, 1959 (2)—Blues to: L. L. Larry D 109 (grand champion), Fort Pierce FFA Chapter.

Bulls calved July 1, 1957 to April 30, 1958 (3)—Blues to: Creek Husker Mischief 1, Fort Meade FFA Chapter.

Bulls calved before June 30, 1957 (2)—Blues to: SHF Proud Larry (reserve grand champion), George Culverhouse, Fort Pierce; SFR Super Robin 60, Lake Butler FFA Chapter.

Bulls calved May 1 to December 31, 1958 (3)—Blues to: WGH Lady Larry 72 (reserve grand champion), Culverhouse.

Bulls calved July 1, 1957 to April 30, 1958 (1)—Blues to: Creek Zato Heiress 1 (grand champion), Fort Meade FFA.

Bulls calved before June 30, 1957 (5)—Blues to: DHP Plato 71, DeSoto FFA Chapter.

Females calved January 1 to August 31, 1959 (2)—Blues to: Cresta Rose (grand champion), Pinecraft FFA Chapter, Lithia; Pinevelyn (reserve grand champion), Pinecraft FFA.

FFA Santa Gertrudis
Bulls calved between May 1 and December 31, 1958 (1)—Blues to: Range H Prince Bandolier II (grand champion), Charles Paxton, Wildwood.

Bulls calved between January 1, 1959 and August 31, 1959 (3)—Blues to: B. K. Rose 28 of Dixie, Jane Vernon, Tampa.

Females calved between May 1, 1959 and December 31, 1958 (2)—Blues to: Hughes’ Queen of Ellenton (grand champion), Curtis Hughes, Ellenton.

Bulls calved between July 1, 1957 and April 30, 1958 (2)—Blues to: Blackcap Beauty Ann Martin, Plant City; Princess Winsted 57, Gail Gaddney, Micanopy.

Bulls calved before June 30, 1957 (1)—Blues to: Kinloch June 12, Hughes.

4-H Herefords
Bulls calved before June 30, 1957 (1)—Blues to: Pasco Mischief 5th (grand champion), Paul Osborne, Lithuania.

Bulls calved between July 1, 1957 and April 30, 1958 (1)—Blues to: Madijo 69 (grand champion), Richard Langford, Bartow.

Bulls calved before June 30, 1957 (1)—Blues to: R. H. H. Beauty Domino III (grand champion), George Leitner, Micanopy.

4-H Brahmans
Bulls calved between January 1 and December 31, 1959 (1)—Blues to: M.D.D. Malliso Manso, John Langford, Bartow.

Bulls calved between July 1, 1957 and April 30, 1958 (1)—Blues to: Madijo 69 (grand champion), Richard Langford, Bartow.

Bulls calved between May 1 and December 31, 1959 (1)—Blues to: Miss W.H.S. Esto (grand champion), John Langford; M.D.D. Miss Priss, Richard Langford.

---

**CHAMP FFA . . . Brahams at Tampa.**

John Lichenwalter holds Bartow FFA’s cow, Rodney Hammond holds his bull.
TENTH ANNUAL SALE OF SANTA GERTRUDIS BULLS AND KING RANCH QUARTER HORSES
KING RANCH, KINGSVILLE, TEXAS
THURSDAY, APRIL 14, 1960
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3/4 and 7/8 weaned heifers
15/16 to 31/32 Charolais heifers from 8 mos. to two years old.

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All heifers and bulls calfhood vaccinated

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Top Beef Producers!

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Fred S. Robbins, Owner
Miami, Fla., Phone MO 1-7752

Charolais...champion bull at Tampa was this entry owned by Bryant E. Pearce, held by Ken Bryan.

Charolais...grand champion cow at Tampa was reserve at Ocala, and is owned by Lazy W Ranch.

RESERVE... Charolais bull at Tampa was a DS Ranch entry, pictured here with Don Clontz.

RESERVE BULL... in Ocala Charolais competition was another Pearce entry, held here by Ken Bryan.

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

Tampa Charolais
Aged bulls (3) - Hijo, K. Ranch, Zephyrhills; Sir Andrea, Pearce's P X Ranch, Quitman, Georgia; Tomas, K Bar
Two year old bulls (1) - Mr. Pasco 785, K Bar
Youthful bulls (6) - Arrogant Man (grand champion) Pearce; Jumper 194 (reserve grand champion), DS Ranch, Clearwater; Sir Otto, Lazy W Ranch, St. Petersburg.
Bull calves (6) - Toussaint, Lazy W; Mr. Theodore D S 192, DS Ranch; Teddy, Pearce
Aged cows (1) - Joy, T. M. Britt, Winter Garden.
Two year old cows (2) - Lady Betty, Lazy W; Miss Pasco 704, K Bar
Yearling heifer calves (5) - Françoise (grand champion), Lazy W; Minnette, Lazy W; Miss Theodore 124, DS Ranch; Lusette (reserve grand champion), Lazy W; Miss Theodore 188, DS Ranch.
Heifer calves (9) - Louise (reserve grand champion), Lazy W; Miss Theodore 188, DS Ranch; Get of sire (6) - Get of Sir Don, Lazy W; get of Marvin, K Bar; get of Theodore, DS Ranch.

Ocala Charolais
Bulls (calved before December 31, 1957) (6) - Tomas (champion), K. Bar Ranch, Zephyrhills; Sir Andrea 322 (reserve champion), Bryant E Pearce, Quitman, Georgia; Hijo, K Bar, (Calved between January 1 and December 31, 1958) (6) - Jumper, W. A. Salls, DS Ranch, Clearwater; Arrogant Fran Zalto 114, Pearce; Mr. Pasco 885, K Bar; (Calved after January 1, 1959) (4) - Miss Theodore 188, DS Ranch; Mr. Theodore 182, DS Ranch; Christophe, Otto L. Weaver, St. Petersburg.
Females (calved before December 31, 1957) (13) - Miss Pasco 704 (grand champion), K Bar; Lady Betty, Weaver; Joy, T. M. Britt, Winter Garden (calved between January 1 and December 31, 1958) (6) - Françoise (reserve champion), Woman; Miss Minnette, Weaver; Miss Theodore DS 124, DS Ranch; (calved after January 1, 1959) (6) - Miss Theodore DS 188, DS Ranch; Miss Pasco 885, K Bar; Lucinda, Weaver.
Get of sire (6) - Get of Sir Don, Weaver; get of

Breeding Age Charbra Bulls

3/4 Charolais by 1/4 Brahman bulls for sale, the majority of which are the sons and also grandsons of two of the outstanding bulls of the Charolais breed.

If you are interested in heavier weaning weights, heavier bone, superior gaining and feed conversion ability, then you should be interested in these bulls.

UNITED STATES SUGAR CORPORATION
CLEWISTON, FLORIDA

84 The Florida Cattleman
GRAND CHAMPION AT FLORIDA STATE FAIR

OCALA CHAMP ... Charolais bull was a K Bar Ranch entry.

K BAR RANCH ... had the Ocala champion Charolais cow. Here she's pictured with Banner McCowan at halter.

LAZY W RANCH ... had the reserve champion Charolais cow at the State Fair show, held by Charlie Colson.

CHARBRAY ... competition at Ocala saw this K Bar Ranch bull, held by Banner McCowan, named grand champion.

ARROGANT MAN
We are proud of Arrogant Man, our two year old Grand Champion Charolais bull at the 1960 Florida State Fair. He will be used as a herd sire in our outstanding herd of females. For the best in Charolais, stop by and pay us a visit.

"When Better Bloodlines Can Be Had—We Will Add Them To Our Herd!"

A nice group of bulls and heifers to select from.

See our Angus and Charbray crosses—also Hereford-Charolais crosses.

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for March, 1960
Grand Champion Charolais Female
At Florida State Fair 1960

Francoise

Reserve Grand Champion Charolais Female
At Florida State Fair 1960

Louissette

Our senior herd sire Sir Don sired the above champions and also the first place get-of-sires at the Southeastern Fat Stock Show in Ocala, Florida State Fair in Tampa, and the Brooksville Fair. Calves from this bull are now available.

Lazy W Ranch
Mr. and Mrs. Otto Weaver, Owners
Charlie Colson, Manager
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We Had All The Champions At Ocala's Southeastern Fat Stock Show

MISS PASCO 704, Grand Champion Charolais female at the Southeastern Fat Stock Show in Ocala.

TOMAS, Grand Champion Charolais bull at Ocala's Southeastern Fat Stock Show in 1960.

SNOW LADY 845, Grand Champion Charbray female at Ocala's Southeastern Fat Stock Show.

MISS PASCO 725, Reserve Grand Champion Charbray female at Ocala's Southeastern Fat Stock Show.

MR. PASCO 786, Grand Champion Charbray bull at Ocala's Southeastern Fat Stock Show.

We were well pleased with the overall excellence of our show string because they represent the high quality of Charolais and Charbray we are producing at K Bar Ranch. Our cattle have the bred-in ability to win in the show ring as well as produce superior type beef animals. See them in the near future.

VISITORS ARE ALWAYS WELCOME AT K BAR RANCH

K BAR RANCH

B. McCowen, Herdsman—Always at the ranch

Ranch located 8 miles SW of Zephyrhills on Morris Bridge Road.
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STUDY: Made on Implants
For Cattle on Pasture

Baker recommends that steers on pasture without supplementary feed not be given stilbestrol implants

by F. S. BAKER, JR.

TWO YEARS’ results at the North Florida Experiment Station indicate that stilbestrol implants should not be made in yearling steers grazing improved grass pasture without supplementary feed.

Although 600-pound steers implanted in the ear with 36 mg. stilbestrol in April gained 18 pounds per head more than non-implanted steers during the summer, side effects (high tailheads, decreased loins, and general angular appearance) were severe in the implanted cattle. These changes in appearance were much greater than have been noted in stilbestrol-implanted cattle in the feedlot and may be due to the fact that pasture cattle in this area do not gain rapidly enough to deposit sufficient fat to hide the side effects from stilbestrol. On the other hand, cattle on a full-feed of grain in the feedlot usually lay on enough fat to partially mask or modify the changes in appearance from stilbestrol.

A feeder buyer was asked to appraise the experimental steers as feeders at the end of the pasture season. He estimated that the stilbestrol-implanted cattle were worth $2.00 per cwt. (or $15 per head) less than the non-implanted steers. This would have more than offset the approximate $4.00 per head value of the additional gain made by the implanted cattle had they been sold directly off pasture as feeder steers.

The steers were not sold off pasture but rather placed in drylot on a full-feed of grain until they reached the U.S. good slaughter grade. The cattle were charged to the feedlot at actual cost, which resulted in the pasture-implanted cattle going into the feedlot at about $0.50 per cwt. less cost than the non-implanted cattle because of the greater pasture gain of the implanted cattle.

When placed in the feedlot, both the pasture-implanted and non-pasture-implanted groups were subdivided into two lots each. Alternate lots received 36 mg. stilbestrol implants at this time. Following is an outline of the treatments:

<table>
<thead>
<tr>
<th>Lot</th>
<th>Pasture</th>
<th>Feedlot</th>
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<tbody>
<tr>
<td>1</td>
<td>36 mg. implants</td>
<td>36 mg. implants</td>
</tr>
<tr>
<td>2</td>
<td>36 mg. implants</td>
<td>No implant</td>
</tr>
<tr>
<td>3</td>
<td>No implant</td>
<td>36 mg. implants</td>
</tr>
<tr>
<td>4</td>
<td>No implant</td>
<td>No implant</td>
</tr>
</tbody>
</table>

Steers implanted on pasture (Lots 1 and 2) made the same gain in the feedlot as the cattle not implanted on pasture (Lots 3 and 4). The cattle not implanted on pasture had a slightly higher carcass yield, however, which resulted in a slightly greater return when slaughtered at the end of the feedlot period. Costs of gain and carcass grades of the two groups were about the same.

In summary, this study indicates that the appearance of pasture implanted steers adversely affects their value as feeder cattle at the end of the pasture season and that the small weight gain advantage of pasture-implanted steers does not result in heavier carcasses at the end of a subsequent drylot grain feeding period. Based on the results obtained, it is recommended that steers on pasture without supplementary feed not be given stilbestrol implants.

Whether steers previously had stilbestrol implants on pasture or not, it was advantageous to implant them when they were placed on a full-feed of grain in the drylot. Steers implanted when put in the feedlot (Lots 1 and 3) gained faster, made cheaper gains, yielded heavier carcasses, and had higher returns when slaughtered than steers that received no stilbestrol in the feedlot (Lots 2 and 4). Carcass grade and yield (dressing percentage) did not appear to be affected by stilbestrol implants given when the cattle were put on grain feed.

It is interesting to note that net returns of the feedlot-implanted cattle averaged $10.35 per head more than that of cattle not implanted. In view of this, it is recommended that stilbestrol implants be given (or stilbestrol be fed) to steers when they are placed on a full-feed of grain.

As would be expected, the most satisfactory performance was made by the group of steers not implanted on pasture but implanted with 36 mg. stilbestrol when put on full-feed in dry lot (Lot 3 foregoing outline).

It should be noted that earlier work has indicated that about the same response could be expected from either implanting 24 mg. stilbestrol per head or feeding 10 mg. stilbestrol per head daily as was obtained from implanting 36 mg. stilbestrol in this study.

ATTENDANCE at the Ninth annual South eastern Florida and Dade County Youth Fair was tripled over last year’s record it is reported.
LIVESTOCK NOTEBOOK

by T. J. CUNHA
Head, Department of Animal Husbandry and Nutrition
Florida Agricultural Experiment Station

New Report on Stilbestrol

NFES MEMO Report 60-S entitled “Stilbestrol Implants for Steers on Pasture and in Feedlot” by F. S. Baker of Quincy has just been issued. His summary is as follows:

“Two years’ results which agree rather closely indicate that steers on pasture alone should not be implanted with stilbestrol even though implanted steers may gain slightly more. If cattle are marketed off pasture, side effects from stilbestrol implants may result in a lower feeder grade and thereby offset any slight weight advantage from implants. If placed in the feedlot, pasture implanted cattle apparently lose their slight weight gain advantage as compared with non implanted cattle. Although carcass grade may be slightly lowered by stilbestrol in some instances, results of this study indicate that carcass appearance is not affected as markedly as on foot appearance of cattle with severe side effects from stilbestrol. Whether steers have been previously implanted on pasture or not, it appears advantageous to implant with stilbestrol when they are placed on a full-feed of grain in the feedlot. Best results in this experiment were with steers not implanted on pasture but implanted when put in the feedlot.”

More details on this experiment can be obtained by writing for this report from Mr. Baker.

First Florida Performance Tested Bull Sale

It will be held at the West Central Florida Experiment Station at Brooksville on March 24. These bulls will have completed a 140-day feeding test and thus information will be available on this rate of gain. Since this rate of gain is highly inherited, chances are very good that high gaining bulls will also sire offspring that will be fast gainers. This sale will offer an excellent opportunity for Florida cattlemen to obtain some good gaining bulls. Graded bull sales and performance tested bull sales are two steps in the right direction for Florida cattlemen to improve the quality and performance of bulls used in the state.

Beef Cattle Short Course

The three day short course will be held at Gainesville on April 21, 22 and 23. Anyone who is interested in the beef cattle industry is invited to attend. There is no registration fee and no special requirement for anyone to attend. This short course will provide an excellent opportunity for Florida cattlemen to get up-to-date on new developments in their industry. It is hoped that more cattlemen will take advantage of the course. There will be plenty of opportunity for questions and answers and for visiting with other cattlemen at the Short Course.

Semen Testing Bulls in Florida Commercial Herds

Recently I talked to a commercial cattlemen in Central Florida who semen tested his 170 purebred bulls last year for the first time: 44 of the bulls were culled due to poor semen, age and other criteria; 31 bulls had questionable semen and 21 bulls had semen which was considered 60 percent normal. Only 74 of the 170 bulls were given a passing test as far as semen quality was concerned. The findings with this herd are typical of a great many herds in Florida. Many cattlemen are getting low calf crops because the bulls are sterile or have poor quality semen to begin with. Testing bulls for fertility a month or two before the breeding season is a good practice. The testing should be undertaken early in order to give bulls a second test before discarding them. One should especially give high quality young bulls a second chance after a poor semen testing score since there is always the possibility of a poor semen test occurring.

Mistake Made in February, 1960 Issue of My Column

In the February, 1960 issue of THE FLORIDA CATTLEMAN a mistake was made in my “Livestock Notebook” column. In the summary on feed additives for beef cattle one column was titled “Return per $100 Invested.” This should have read “Return per $1.00 Invested.” The period was omitted and those who are feeding steers would welcome the correction since it might influence their decision on the value of certain feed additives.

for March, 1960
SWINE SHOW at State Fair Is Representative Exhibit

Durocs, Hamps, Tamworths are shown in breeding classes; Barrow show, carcass contest also features

Durocs occupied the spotlight competition-wise during the breeding swine show at the 1960 Florida State Fair, with this year's full slate of events including barrow show, carcass judging and certified meat type contest, in addition to the breeding swine show.

The University of Florida and Cannon Duroc Farm of Live Oak swept top honors in both the “on foot” barrow show and the carcass contest, with the latter being sponsored again by Lykes Brothers, Inc., of Tampa.

All four top entries were Durocs. The University exhibited the grand champion “on foot” barrow in a lightweight entry, also had the grand champion pen of three in their mediumweight entry and saw one of their mediumweight entries selected as the grand champion swine carcass. They also showed the reserve grand champion “on foot” pen of three.

Durocs—Mr. Topper Ace, grand champion boar, T. J. Haynes, O'Brien; Miss Choice Lady, grand champion female, Haynes; Trends Type, reserve grand champion boar, Cannon; Miss Progress, reserve grand champion female, Cannon.

Hampshires—Chief, grand champion boar, Douglas Hampshire Farm, Morrisston; Miss Hi-Style, grand champion female, Douglas;

Tamworths—C. L. Master 2, grand champion boar, shown here as John Lamb, Cottage Hill;

C. V. Bells Lady, grand champion female, Lamb.

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

Durocs

Senior yearling boars (2)—Mr. Topper Ace (grand champion, senior champion), T. J. Haynes, O'Brien; Model Topper Prince, Rush Dure Farm, Bell;

Junior yearling boars (2)—Ranger Royal 1, Florida A & M University, Tallahassee; Echo Topper, Wilson F. Mathews, Jr., Tampa.

Senior boar pigs (2)—Trends Type (reserve grand champion, junior champion), Cannon Inc.; Ace Farm, Live Oak; Fancy Topper, Haynes;

Junior boar pigs (3)—Big Trend, Cannon; Fancy Topper, Gatrell Duroc Farm, Ellwood; Ace's Advantage, Haynes;

Junior summer boar pigs (3)—Mr. Key Engraver 26, Haynes; Topper Lady, Gatrell; Kings Top, Cannon.

Aged sows (2)—Miss Progress (reserve grand champion), Cannon; Miss Progressive 2, Haynes.

Senior yearling sows (3)—Miss Choice Lady (grand champion, senior champion), Haynes; Topper Sue, Bill Cannon, Live Oak; Miss Topper Sue, Bill Cannon, Live Oak;

Junior yearling sows (2)—C Topper Lady 9, Cannon; Star Ruth, Mathews.

Senior sows pigs (4)—Lady Pug (junior champion), Gatrell; Miss Top Promoter, Haynes; Engraver Beauty 1, Haynes;

Junior summer pigs (4)—Miss Key Engraver 26, Haynes; Miss Advancer, Haynes; Princess Ruth, Mathews;

Junior sow pigs (6)—Marvelous, Haynes; C. Kings Lady, Cannon; C. Kings Beauty, Cannon;

Young boars (6)—Haynes; Cannon; Haynes.

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SWINE CARCASS . . . champion was also a U. of F. entry, shown here with
Herdman Earl Collins.

Get of Sire (5)—Haynes; Cannon; Haynes;
Produce of dam (4)—Haynes; Cannon; Gatrell;

Barrows
Packerweight individuals (7)—J. R. Mullis
Poland Farm, Cochran, Georgia; Mullis; Mullis;
Packerweight pens of three (8)—Mullis; Wilson
F. Mathews, Jr., Tampa;
Lightweight individuals (27)—University of Flor-
ida (grand champion); University; Cannon;
Lightweight pens of three (8)—University; Can-
on; Haynes;
Mediumweight individuals (30)—Cannon (re-
serve grand champion); University; University;
Mediumweight pens of three (7)—University (grand
champion); University (reserve grand
champion); Haynes;
Certified meat type contest (two barrows per
entry)—Cannon; Cannon; Rollie Byler and Son,
Vernon.

TAMWORTH . . . grand champion boar at the Florida State Fair was owned by
C. C. Lamb.

CHAMPION . . . Tamworth female at
Tampa was another entry exhibited by
Lamb.

for March, 1960
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YORKSHIRE... female shown here was exhibited at the Florida State Fair by Wilson Mathews, Jr.

RESERVE... grand champion Duroc boar was this animal shown by Cannon Duroc Farm.

CANNON... Duroc Farm also exhibited the reserve grand champion Duroc female in this animal.

Carcasses
Lightweights (26)—Byler; Cannon; University; Jim Candiff, Live Oak; Mullis; Mathews; Gatrell Duroc Farm, Fairfield; Douglas; Mediumweights (59)—University (grand champion); Cannon (reserve grand champion); Candiff; Candiff; University; University; Byler.

THE UNITED Kingdom is importing more lard from the U.S. than from any other source. Imports from the U.S. accounted for 71 percent of the total 291 million pounds brought in from January through October, 1959.

THE FLORIDA Development Commission is advising housewives to buy meat by official grade rather than by directional labels such as "western."

SALES VOLUME of swine delivered at Florida processing plants during 1959 was six percent greater than in the previous year.

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Swine Producers
Hold Meeting
At State Fair

HENRY GATRELL of Gatrell Duroc Farm at Fairfield was unanimously elected president of the Florida Swine Producers Association during a meeting of that group held in Tampa on Thursday, February 11. He succeeds George E. Dryden of Marianna in this capacity.

Tom Cannon, Jr., of Live Oak was elected vice president, while Bill Gephart of Kissimmee was reelected secretary-treasurer of the state swine organization.

New association directors include: Carl Zillman, Earleton; William Rush, Bell; T. J. Haynes, O'Brien; Wilson Mathews, Jr., Tampa; J. H. Douglas, Morriston; and Fred Gatrell, Fairfield.

Kenneth Durrance of the University of Florida suggested to the group that if an association sale is held during the year breeders should make every effort to consign some of their best animals. He also suggested that the backfat probing procedure be used on some of the sale animals if such an event is sponsored.

Zillman reported that there has been quite a lot of hog cholera reported in Florida recently. He said that 11 counties had cholera outbreaks in 1959 and pointed out that less than 50 percent of the hogs in Florida are vaccinated for cholera.

The group decided to meet again on a date to be selected from April 1-10 in Live Oak. The secretary was instructed to invite Florida State Fair officials to plan their annual swine meeting for the same date and site if possible.

Livestock Prices to
Steady, Says USDA

The period of seasonally large livestock marketings and declining prices has passed, reports USDA in its Demand and Price Situation pamphlet released January 25.

Slaughter this winter will be down from recent months, but above last winter. Continued liberal marketings of fed cattle will hold total cattle slaughter equal to or above last winter. Slaughter of hogs will decrease, as usual, but will stay above last year. However, the difference between this year's hog slaughter and the 1959 rate will narrow sharply, and by Spring, slaughter could be close to year-earlier levels. Sheep and lamb slaughter this winter will likely be less than the relatively large slaughter of last winter.

The 1959 fall pig crop was up two percent, and producers planned as of December 1 to reduce the Spring crop sharply—11 percent. The planned reduction was somewhat greater for early farrowings.

Prices received by farmers for hogs reached a seasonal low of $11.20 per 100 pounds in mid-December, down $6.30 from a year earlier.

for March, 1960
MRS. MURPHY'S ... mare, Ma Lagron, stood in the reserve champion slot at Lakeland and Palmetto.

Murphy Entries Again in Spotlight at QH Shows

Registered Quarter Horses owned by Mrs. Mildred Murphy of Avon Park and Flat Rock, North Carolina, continued their winning ways in shows at Palmetto and Lakeland in late January.

Bert's Stardust, who was reserve champion stallion at Ocala, won the grand championship at Lakeland with Ralph Eagle of Marion, Alabama, judging, and was reserve at Palmetto, with Bill Lester of St. Petersburg as judge, while Sickem Boy, Ocala's grand champion repeated as champion at Palmetto.

Grand champion mare at both shows was Miss Bonnie Wolf, owned by John Beckler of Fort Myers, and a Murphy mare—Ma Lagron who was also reserve champion at Ocala—won both reserves.

Wheeler Ranch of Baker showed the reserve grand champion stallion at Lakeland—Balmy Whiz.

In gelding competition, Frisky Brownie, owned by Red Martin of Pompano Beach, won at both shows.

Pal Pep, owned and ridden by Wilard Davis of Flat Rock, North Carolina, continued in the top money (he won both go-rounds at Ocala), by winning both go-rounds at Lakeland, and splitting the top honors at Lakeland with Misty King, owned by William Candler of Kissimme and ridden by Gene Koger.

Registered reining competition at both Palmetto and Lakeland was won by Moorella, who topped both go-rounds at each show. Moorella is owned by Don Stalvey of Ocala and ridden by his wife.

Novice cutting contest at Lakeland was won by Wheeler's Balmy Whiz, and at Palmetto by Misty Joe, owned and ridden by Spencer Harden of Sanford.

Winners at the two shows, listed in order by classes, with number of entries in parentheses, were as follows:

Lakeland

1959 stallions (2) — Yellow Pug Dog, Mrs. Mildred Murphy, Avon Park, and Flat Rock, North Carolina; Apokla, F. E. Loomis, Winter Garden.

1959 stallions (4) — Misty Joe, Billy, Cassie Lyon Farms, Pompano Beach; King Pond, Tom Kirby, Vero Beach; Bailey Lad, Bill Lester, St. Petersburg; Fancy's Leo, Harry and Helen Pyle, Longwood.

1957 stallions (1) — Bar Whiskey, M. E. Tyson, Belle Glade.

1956 and older stallions (3) — Bert's Stardust (grand champion), Mrs. Murphy; Balmy Whiz (reserve grand champion), Wheeler Ranch; Sickem Boy, Mrs. Murphy.

1959 mares (3) — Joy Dixie, Lester; Journey, Lester; King's Boy, Loomis.

1958 mares (5) — Venice Blue, Wheeler; Babs's Querida; Kirby; Bobbie Joe Reed, Mrs. Murphy; Betty Judge, Lester.

1957 mares (1) — Ma Lagron (reserve champion), Mrs. Murphy.

1956 and older mares (3) — Miss Bonnie Wolf (grand champion), John Beckler, Fort Myers; Geldings (7) — Frisky Brownie (champion), Red Martin, Pompano Beach; Pal Pep (reserve champion), Willard Davis, Flat Rock; North Carolina; Burke's Fisher, Mrs. Murphy; Chico Gates, Miss Carol Morgan, Tampa.

Registered Reining (6) — First go-round: Don Stalvey, Ocala, with Mrs. Wilda Stalvey riding, Balmy Whiz, Wheeler Ranch, with Bob Lloyd riding; Fayette Kirby, owned and ridden by Tom Kirby, Vero Beach; Second go-round: Moorella, Balmy Whiz; Fayette Kirby; Open barrel race (6) — First go-round: Mrs. Shirley Raye, Kissimmee; Bud Hall; Second go-round: Mrs. Lewis; Open cutting (18) — First go-round: Pal Pep.
SICKEM BOY

Grand champion stallion—at Dothan, Alabama; at Ocala and Palmetto, Florida. At stud, $300, breeding to approved mares only. His breeding is unsurpassed.

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BERT’S STARDUST

Foaled in 1954, he was grand champion stallion at Lakeland, reserve at Dothan, Ocala and Palmetto. Stud fee is $200, to approved mares only. The tops in breeding.

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Sickem Boy, Champion Stallion
Bert’s Stardust, Reserve Stallion
Ma Lagron, Reserve Mare
Yellow Pug Dog, 1st, 1959 Stud Colts

LAKELAND

Bert’s Stardust, Champion Stallion
Ma Lagron, Reserve Mare
Yellow Pug Dog, 1st, 1959 Stud Colts

PALMETTO

Sickem Boy, Champion Stallion
Bert’s Stardust, Reserve Stallion
Ma Lagron, Reserve Mare
Yellow Pug Dog, 1st, 1959 Stud Colts

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Reports of Rodeos Are Presented

Plans have been announced for another RCA rodeo at Branford, sponsored by the Suwannee River Riding Club, with dates of March 12 and 13, reports Bob Holmes. No reports of Rocking R Ranch rodeo were placed in the paper, but Tony Reynolds of Rocking R Ranch will be the producer of the event. $575 will be added to entry fees in the six events: saddle and bareback bronc riding, bull riding, bulldogging, calf roping and barrel racing. Permits will be accepted, Holmes reports.

Show time will be 8:00 p.m. on Saturday, 2:30 p.m. on Sunday.

The presses wouldn't wait for results of the Indian-town, Kissimmee and Orange Bowl (Miami) rodeos all held in mid and late February, and the Sarasota rodeo, March 4-6, is still to be held, but Homestead's rodeo on January 30-31 drew good crowds and had a strong list of contesting cowboys.

Winners at Homestead, listed in order by events, with times in parentheses, were as follows:

Saddle bronc riding—Chuck Jensen, Lee Wheaton and Gene Aberle (all three tied for third); saddle bronc riding—Lowell James, Gene Carter, Cary Carter and Edwin Froelich and Jim Jones (all three tied for second); Bull riding—Lowell James, Gene Carter, Froelich, Lyle Van; Bulldogging—Jerry Olson (3.4 seconds), Wayne Thomas, Barney Faircloth, Gary Hopkins; Calf roping—Ted Smalley (17.1 seconds), Terry Calderon, Albert Barthle, Red Martin; Cowgirl's Cloverleaf Barrel race—Shirley Reaves (19.6 seconds), Helen Mills, Katrina Martin, Jody Reynolds.

Feeds Compared

Steer fattening feeds are compared in a new bulletin issued by University of Florida Agricultural Experiment Stations, following a 140-day trial in dry lot feeding. No significant differences were noted in steers fed dried citrus pulp, corn feed meal, or ground snapped corn, each in combination with other feeds. Tests covered gain in weight, total digestible nutrients per 100 pounds gain, and improvement in grade of dressing percent.

Dr. Bledsoe Dead

Dr. Roger W. Bledsoe, 52, died unexpectedly at his home in Gainesville on January 24. He was associate director of the U. of F Agricultural Experiment Station, and had been on the staff there since 1949.

for March, 1960
Two Florida dairy cattle clubs met at Tampa during the Florida State Fair—Florida Holstein-Friesian Club and Florida Jersey Cattle Club.

The Holstein-Friesian Club, meeting February 3, elected officers to serve the club during the coming year. William H. Boyd of Miami was elected president. Serving with Boyd will be F. A. Galbraith, West Palm Beach, as vice president and R. K. Price, West Palm Beach, as secretary-treasurer.

The following directors were also elected: Dr. R. B. Becker, Gainesville, (honorary director); R. Wendell Click, Moore Haven; William A. Graham, Hialeah; A. J. Rusterholz, Apopka; Henry B. Ebersole, Orlando; Dr. E. H. Myers, DeFuniak Springs; and Wm. K. Bixby, Clewiston.

Both organizations planned breed-promotion sales for later this year.

Florida Jersey Cattle Club decided to use the same sales management service as last year—Chester Folck and Sons, Springfield, Ohio. The club's sale committee will work out terms with the Folcks.

In other action, the Jersey Club adopted a new set of by-laws to govern the organization and adopted The Florida Cattleman as its official publication.

There was some discussion on how dues should be set up in the by-laws. At the suggestion of C. W. Reaves, members decided not to set up definite amounts. Instead of definite amounts, the by-laws will state that dues may be set by members at any duly called meeting. Present dues are five dollars for members with 1-60 registered cows and ten dollars for members with more than 60 head.

The Jersey Club also voted to give $200 to sponsor 4-H trips to Memphis and Waterloo.

Holstein Club members set the time and place for their sale at the Tampa meeting. The sale will be held October 11 at West Palm Beach.

Miles McCreary of the national Holstein association spoke to the group on the importance of the breed and the number of animals registered and transferred during the past year. Southeastern Dairy Breed Associations Hold Meetings in Tampa

Bacteria Seen Cause Of Feedlot Bloat

A relationship between the number and types of bacteria in the rumen and the degree of bloat in cattle in feedlots has been established in studies conducted by USDA scientists.

In feedlot bloat, streptococci build up on starchy feeds to form slime that traps gas in a cow's rumen. Although less prevalent than pasture bloat, caused by eating legumes, feedlot bloat still contributes substantially to the $40 million yearly losses to the livestock industry from this ailment.

Dairy Cows Exported

The Foreign Agricultural Service reports that 2762 head of U.S. dairy breeding cattle were inspected for export during the first half of 1959, a drop of 24 percent from the number reported for export during a similar period in the previous year.

Migration of dairy herds from the fast growing Gold Coast counties to Okeechobee has resulted in an increase of more than 100 families to the human population there. The reason is that dairies bring their key workers along as they move from the rapidly growing urban regions to greener pastures.

A new high for Holsteins on HIR test was made by Bridge Lea Deljas Fran, 3849835, with production of 20,132 pounds milk and 763 pounds butterfat in a test lasting 365 days with milking twice a day. Owner is A. J. Rusterholz, Jr., of Apopka.
SPECIAL MESSAGE FROM YOUR PUBLIC RELATIONS COMMITTEE—This year is going to be a busy year for the Florida Dairy Farmers' Federation. Congress has already convened and we are hoping to get a military milk bill through this year. On the state level, although the legislature is not in session, we do have elections.

This Spring the people will elect:

1) A Governor, who through appointments can control the Milk Commission. This Commission directly determines the amount most Florida dairymen receive for their milk.

2) A Commissioner of Agriculture, who has in his Department a Dairy Division, with the power to license distributors from out of state to ship in milk. This agency also inspects all local plants and farms, plus the out-of-state milk, to see if it meets Florida's sanitary rules.

3) The House of Representatives and one-half of the Senate of our State Legislature. This is the body that has the power to make or change state laws. If we want to strengthen the Milk Commission next year, we will have to go through this body.

NOW . . . It is very important that you, Mr. Dairyman of the State of Florida, take a part in these elections. It is only good business to take an interest in that which has so much control over your ability to make a profit from your investment.

So at this time, let me urge you to get out and meet the candidates for public office. Talk with them and let them know who you are, and that you are a dairyman. Another good thing to tell them is that we will have W. E. Bishop of Lake City representing the Federation again at the next Legislature. It is always wise to let them know who is representing your interests. No matter who your personal choice for any office may be, let him know you are behind him, and above all VOTE for him!

—Chris Jensen, Chairman, Public Relations Committee, Florida Dairy Farmers Federation.

THE ADVICE ABOVE IS SOUND, and is completely endorsed by the officers and directors of your Federation.

ATTENTION PLAN D BRUCELLOSIS HERD OWNERS—All Brucellosis Plan D herds must be converted to Plan E or Plan A by May 1, 1960, and it will be the responsibility of each Plan D herd owner to have his herd tested by either his veterinarian or a government veterinarian. At the instigation of the Federation, the Florida Livestock Board has made the following ruling:

Adult vaccinated animals, which react on the test, will not be branded if sent to slaughter at once. If all reactors are slaughtered at once after the test, no further testing for slaughter purposes will be conducted for one year from date of test.

This ought to ease the pain of conversion for Plan D owners. We should be appreciative of the fine consideration which the Livestock Board is showing in connection with our dairy disease problems.

—Elbert "Bill" Cammack, President

THESE LOCAL ASSOCIATIONS ARE MEMBERS OF THE FLORIDA DAIRY FARMERS FEDERATION

Alachua County Breeders Ass'n
Gainesville
Central Florida Milk Producers Ass'n
Orlando

Independent Dairy Farmers Ass'n
Fort Lauderdale
Northeast Florida Milk Producers Ass'n
Jacksonville

Northwest Florida Milk Producers Ass'n
DeFuniak Springs
West Coast Milk Producers Ass'n
Tampa

for March, 1960
Dairy Show Competition Is Keen

State Fair show has four breeds

COMPETITION was keen at Florida State Fair dairy shows even though there weren’t as many entries as last year’s record 305.

Champions were named in four breeds—Ayrshire, Guernsey, Holstein and Jersey. The champions, by breed, were as follows:

**Ayrshire—**Nora’s Gold Star Garnet Betty Q, owned by Nancy Vernon of Tampa, was grand champion cow; Grand champion bull and both reserve champions were shown by Musser Farms, Huntville, Ohio, and were as follows: Yale Haven Crown Duke, champion bull; Grampian Fanzma, reserve champion cow; and Woodland’s Highlight Imp., reserve champion bull.

**Guernsey—**Edisto Farms of Denmark, South Carolina, showed the grand and the reserve champion cows—Tanglewood King’s Little Star was grand champion and Edisto Farms G. Melinda was reserve; Grand champion bull was Sequel’s South-erner, shown by Hansdale Farm, Sarasota; Ansmil D. Frank was reserve champion bull, shown by Ansmil Farm, Hilliard, Ohio;

**Holstein—**Rusterholz Daisy, Apopka, showed both grand champions—AJR Grenadier Reid Lacady was grand champion cow and AJR Grenadier Maple Master was grand champion bull; Gail Regaiborne Kordyhe, shown by Airport Livestock Corporation, Miami, was reserve champion cow, and Galbraith Supreme Foreman, shown by Galbraith Brothers’ Dairy, West Palm Beach, was reserve champion bull;

**Jersey—**Both grand champions went to farms in Fayetteville, Tennessee—Yearwood Farm had the grand champion cow in Browny Bash Girl Tulip, and Meadowbrook Farm showed Meadowbrook Ward’s Son to grand champion bull; Christmas Acres, Orlando, showed both reserve champions— Royal Pride Jewel was reserve champion cow and Edigeela Dreamer Foremost won reserve champion bull honors for Christmas Acres.

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

**Jerseys**

| Bull calves (4) | —Surville Victor’s Glory (junior champion) | H. J. Stuart, Bartow; Meadowbrook Kavan Nard, Meadowbrook Farm, Fayetteville, Tennessee; Meadowbrook Ena Kovan, Meadowbrook; Golden Eita Chief-W. J. Ford, Quincy |
|————|————|————|————|————|
| Junior yearling bulls (2) | —Campburn’s Royal Paulsmart, Stuart; Mister ADVancer’s Design, Ford |
| Two-year old bulls (1) | —Meadowbrook Ward’s Son (grand champion, senior champion), Meadowbrook |

**Guernseys**

| Bulls three years or over (1) | —Edigeela Dreamer Foremost (reserves grand champion), Christmas Acres, Orlando; |
|————|————|————|————|
| Yearwood Farms, Fayetteville, Tennessee; Meadowbrook Ena Rovan, Meadowchampion), |
|————|————|————|————|
| Junior yearling heifers (10) | —Meadowbrook Lad’s Floss, Meadowbrook; Jester Advancee Rina, Ford; Dreamer Supreme Tulip, Christmas Acres; |
|————|————|————|————|
| Senior yearling heifers (11) | —Dreamer Finn Jannette (junior champion), Christmas Acres; Dreamer Finn Fanny, Christmas Acres; |
|————|————|————|————|
| Junior get of sire (9) | —Get of Surfivle Golden Victory, Stuart; get of Browny’s Basal Ward, Yearwood; get of Brampton Radar, Meadowbrook; |
|————|————|————|————|
| Cows two years and under three (10) | —Etta Jes-ter Highlands, Christmas Acres; Jane’s Roseland Hope, Stuart; Dandy Standard Rachel Cherry, Diana Garrett, Fort Meadie; |
|————|————|————|————|
| Three year old cows (7) | —Edigeela Dreamer Faith, Christmas Acres; Basiliea XeniaVALID, Christmas Acres; Fairmount Dreamer Wonder, Stuart; |
|————|————|————|————|
| Four year old cows (7) | —Browny Bash Girl Tulip (grand champion, senior champion), Year-wood; Sybil Baronne Treva Emma, Mary Fran-cis Fisher, Orlando; Signal Jester Marcia, Stuart; |
|————|————|————|————|
| Cows five years and over (6) | —Royal Pride Jewel (reserves grand champion), Christmas Acres; Christmas Acres; Royal Pride Joy, Christmas Acres; Brampton Goodenough Rose, Stuart; |
|————|————|————|————|
| Cows 10 years and over (1) | —Noble Bet’s Queen Ann, Joe Cochran, Bartow; |
|————|————|————|————|
| Dairy heerd (3) | —Christmas Acres; Stuart; Year-wood; |
|————|————|————|————|
| Best three females (3) | —Yearwood; Get of sire (2) —Get of Browny’s Basal Ward, Yearwood; get of Farmhouse Dreamer, Christmas Acres; |
|————|————|————|————|
| Produce of dam (3) | —Christmas Acres; Stuart; Year-wood; |
|————|————|————|————|
| Best udder—Two year olds | —Christmas Acres; Joyce Hardy, Orlando; Three year olds: Christmas Acres; Stuart; Four year olds: Yearwood; Montana; Five year olds: Christmas Acres; Christmas Acres; |
|————|————|————|————|
| Premier breeder—Stuart | | | |
|————|————|————|————|
| Premier exhibitor—Christmas Acres |

**MEADOWBROOK . . . Farm of Fayetteville, Tennessee, exhibited the grand champion Jersey cow, shown here with Herman Montgomery.**

**RESERVE . . . champion Jersey female at the Florida State Fair was shown by Christmas Acres. James Sweeney is at the halter.**

(junior champion, reserve champion), Ansni Farm, Hilliard, Ohio; Edisto Farms M. Melba, Edisto Farms; Bubbling Spring’s Sunshine Belle; Five-teen. A senior yearling bulls (2) —Yellow Creek S. Baxter, LayLaine; Matoaka Lucius Conrad, Walter Schmid & Son, Tallahassee; Two-year-old bulls (1) —LayLaine’s Superior, LayLaine; Three-year-old bulls (2) —Sequel’s South-erner (senior champion, grand champion), Hansdal Farm; Heifer calves (12) —LayLaine’s Olivia D. Ly, LayLaine; Edisto Farms M. Monita, Edisto Farm; Edisto Farms Star’s Edisto; Junior yearling heifers (10) —Edisto Farms F. Elliott, Edisto Farms; LayLaine’s Virginian’s Opie, LayLaine; F. Sadie Lou, Schmid & Son; Senior yearling heifers (11) —Edisto Farms M. Melba (junior champion), Edisto Farms, Disteg-Gran Farms Misty Namesake, Hansdale Farm; Filer Farms Loyal Namesake, LayLaine; Two-year-old cows (10) —Matoaka Lucius Da- sire, Schmid & Son; Edisto Farms F. Bells, Edi-to Farms; Masoney Rebecca’s Choice, Lias Smith, Zephyrhills; Three-year-old cows (6) —Calico Acres Cham-bray’s Fawn, Hansdale Farm; LayLaine’s Reindeer Desire, LayLaine; Matoaka Duchess Tulip Deb, Schmid & Son; Four-year-old cows (10) —Fuller Farms Golden Blossom, LayLaine; Matoaka Duchess Ruth, Schmid & Son; Donegan Farms Odessa, Hansdale Farm; Five-year-old cows (12) —Tanglewood Kings Litt-le Star (senior champion, grand champion), Edisto Farm; Edisto Farms G. Melinda (junior champion), Edisto Farms; Astarl Farms Cinderella F. Doveen, Hansdale Farm; 10-year-old-and-over bulls (2) —Stebbins Orin Rose Blossom, Stebbins Farm, Land ‘O Lakes; Fuller Farms Happy Mae, LayLaine; Dairy Herd (4) —Edisto Farm; LayLaine; Hansdale Farm; Schmid & Son; Best Mature cows (3) —Edisto Farm; Schmid & Son; LayLaine; Junior get of-sire (4) —Get of Nyala Prince’s Majestic, Edisto Farms; Edisto Farms Joyly Olen, LayLaine; Tarbell Romulus Lucy, LayLaine; Schmid & Son; Ideal’s Mary’s Duke, Schmid & Son; Produce of dam (6) —LayLaine; Schmid & Son.

**EDISTO FARMS . . . was the exhibitor of the grand champion Guernsey female at the 1960 Tampa show. George Fowler is shown posing the animal.**

**RESERVE . . . grand champion Guerner-sey female was also shown by Edisto Farms. Fowler is also shown proud this five-year-old entry.**

The Florida Cattlemann
Champ... Jersey bull at Tampa was shown by Yearwood Farm of Fayetteville, F. A. Barnes, owner, is at halter.

Belding Farms;
Best Older awards (8)—Two-year-olds: Boyville Royal Denebora, John West, Goldenrod; Mataoka Lucas Desire, Schmidt; Three-year-olds: Calico Acres Chambray’s Fawn, Hansdale Farm; Donegan Farm’s Playboy Nancy, Hansdale Farm; Four-year-olds: Mataoka Duchess Ruthie, Schmidt & Son; Fuller Farms Golden Blossom, Layline; Five-year-olds: Edisto Farms Btt. Faible, Edisto Farms; Adel Farms Cinderella F. Dovean, Hansdale Farm.

HOLSTEINS

Junior yearling heifers (1)—Grenadier Silver Lady, Rusterholz; Dairy, Apopka; Dairy herd Master (junior champion, grand champion), Wescott’s Dairy: Matoaka Iceberg, Rusterholz.

Four-year-olds: Matoaka Iceberg, Rusterholz; Airport Livestock Corporation; Miami.

Sir Hallmark Grenadiere, Rusterholz Willow-Crest Laurel Governor, Airport Livestock Corporation; Miami.

Four-year-olds: Matoaka Iceberg, Rusterholz; Airport Livestock Corporation; Miami.

Best Udder awards (8) — Two-year-olds: Boyville Goldenrod; Airport Livestock Corporation; Miami.

Reserve Champion Bull calves (1)—Galbraith Supreme Foreman (junior champion), Airport Livestock Corporation; Miami.

Reserve Champion Best Udder awards (8) — Two-year-olds: Boyville Goldenrod; Airport Livestock Corporation; Miami.

Buy 110i; sitih Sich, Airport Livestock Corporation; Miami; Boyville Farms.

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**FLORIDA STATE FAIR**

The Florida Cattlemen's Association Champions shown here with gilt by Nancy Jane Vernon.

CHAMPION Ayrshire cow was own champion Ayrshire cow shown with gilt by Nancy Jane Vernon.

MUSser Farms: Snyvd-Ayr Stell (5), Ayrshire cow was own champion Ayrshire cow shown with gilt by Nancy Jane Vernon.

**RUSTERHOLZ** - Dairy exhibited the champion Holstein cow, Cy Van Nest.

HERMAN BOYD - had the reserve champion Holstein female, shown here with gilt by Kent Price.

**FLORIDA STATE FAIR**

The Florida Cattlemen's Association Champions shown here with gilt by Nancy Jane Vernon.

CHAMPION - Holstein bull was own champion Holstein bull shown with gilt by Ronald Musser.

**FLORIDA STATE FAIR**

The Florida Cattlemen's Association Champions shown here with gilt by Nancy Jane Vernon.

CHAMPION - Holstein bull was own champion Holstein bull shown with gilt by Ronald Musser.

**FLORIDA STATE FAIR**

The Florida Cattlemen's Association Champions shown here with gilt by Nancy Jane Vernon.

CHAMPION - Holstein bull was own champion Holstein bull shown with gilt by Ronald Musser.
Diagnostic Lab In Kissimmee Reports Activity
by Wm. L. SIPPEL, V.M.D.
Florida Livestock Board

Our staff has turned up some unusual diseases and possibly has discovered a couple of new ones. A bacterium heretofore found only in humans has been isolated for the first time from sick animals of different species. When injected back into laboratory animals it has proved fatal for them. We are investigating this further. Symptoms shown by affected animals have been sudden unexplained death.

We have encountered cases of a diffuse type of skin disease in calves from the lower East coast which resembled a skin condition in swine. The practicing veterinarian suspected zinc deficiency and analysis for this element on tissues and forage has confirmed this suspicion. This is an unusual condition of a low order of incidence, but does emphasize the necessity of minor elements for Florida livestock. Along this line, we have encountered an additional case of copper deficiency in poor-doing cattle.

A new test for anaplasmosis, developed at this laboratory, has continued to turn up many cases of that disease. We are currently evaluating this procedure and have high hopes for it. In the line of poisonings, we have encountered nitrate and crotolaria poisoning in cattle and horses, as well as urea and arsenic poisoning in cattle. Livestock owners should beware of improper feeding and mixing of urea-containing feeds and the danger of allowing animals access to fields containing crotolaria, especially if the forage is short. We have found cattle infected with Johne's disease on two new premises. Enterotoxemia was diagnosed in a purebred calf which died and an unusual case sent in wherein three horses were lost due to a skin infection of this organism.

We continue to receive aborted calves (which, when refrigerated, are the best specimen for diagnosis) with the request for ascertaining if infectious diseases caused the trouble.

If the specimens are handled properly it is not difficult to recover organisms causing abortion diseases. However, only about 15% of abortions are caused by the usual infectious agents (brucellosis, vibriosis, leptospirosis, or trichomoniasis). The others are due to poisonings, including high nitrate forage, hormonal disturbances, and unknown conditions. We have had more cases of Salmonella infection in cattle and other animals. Cases of parasitism have continued to be found, including many fluke infestations. The usual history with these animals is that they exhibit chronic poor-doers in spite of repeated wormings. This emphasizes the fact one, and sometimes (Continued on page 111)

Big, brawny Lilliston 7-Six clean-cuts seven-and-a-half feet at a time

You know what that means—fresh new growth and better grazing. But there's more. The 7-Six is an all-around rotary cutter—it shreds stalks, tops crops, chops prunings, clears land, too. All for the lowest cost per cutting foot in the rotary cutter field. Write us—we'll see that you get a demonstration on your farm.

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CAIRO, GEORGIA

Youth Show At Tampa Is Large

YOUNGSTERS SHOWED 71 registered dairy animals in 4-H and FFA competition during Dairy Week at the Florida State Fair in Tampa.

The animals were judged under the Danish system, giving each one a ribbons-blue, red or white. Blue ribbon winners, in order by class, with number of entries in parentheses, were as follows:

4-H Ayrshire
Heifer calves (5) — Dixie's Lively Daisy, Tony Vernon, Tampa; Hiatt's Gate Fair Lady, Larry Hiatt, Orlando; Junior yearling heifers (5) — Dixie's Loyal Gar- net, (junior champion), Jane Vernon, Tampa; Tamargo's Lively Rosalia, Raymond Tamargo, Tampa; Dixie's Loyal Edith, Jane Vernon; Senior yearling heifers (1) — Dixie's Clippy Glory, Tony Vernon;

Two-year-old cows (3) — Klibig Acres Magistrate Katy, Corky Gaines, Bradenton; Dixie's Gorgeous April, Tony Vernon; Woertz's Agnes, Ronnie Stewart, Bradenton;

Three-year-old-and-older cows (4) — Snyd-Ayr Stella (senior champion, grand champion), Jane Vernon, Tampa; Snyd-Ayr-Della (reserve champion), Tony Vernon; Woertz's Marilyn, Corky Gaines; Drape Dixie Melody, Larry Hiatt;

Best bred by exhibitor (5) — Dixie's Loyal Gar- net, Jane Vernon; Dixie Lively Daisy, Tony Ver- non; Dixie's Clippy Glory, Tony Vernon;

4-H Guernseys
Heifer calves (5) — Lakemont Steadfast Jan, Janis Ward, Orlando; Anthony's Lizzie of Lay- Laine, Barbara Ward, Orlando; LayLaine Antho- ny's Honey, Freddie Ward, Orlando; Mainline Dairy Farm's Polly, Dennis Dizz, Tampa;

Junior yearling heifers (2) — Twisting Don's Lemon Drop, Barbara Wing, Floral City; Philip's Queen's Fay, J. W. Steadham, Palm Harbor; Senior yearling heifers (2) — Masonary Starlight Lady Louise (junior champion, reserve champion), Ronnie Smith, Zephyrhills; Garden Lake Raider's Infa, Phillip Younajak;

Two-year-old cows (4) — Masonary Rebecca's Clara (senior champion, grand champion), Leslie Smith; Lakemont King's Bell, Janis Ward; Lay-Laine Duke's Sally, Joyce Hardy, Orlando;

Three-year-old-and-older cows (1) — LayLaine Strongheart's Debbie, Barbara Ward;

Best bred by exhibitor (6) — Masonary Rebeccas Clara, Leslie Smith; Anthony's Lizzie of LayLaine, Barbara Ward; Twisting Don's Lemon Drop, Barbara Wing;

4-H Holstein
Heifer calves (5) — Eureka Pietje Sensation Rose, Donald R. McNish, Tampa; Eureka Pietje Sen- sation Lilly, Maurine McNish, Tampa;

Junior yearling heifers (1) — Shadel Renown Pinky (junior champion, grand champion), Jackie Platt, Orlando;

Two-year-old cows (1) — Shadel Renown Rita (senior champion, reserve champion), Kenley Platt, Orlando;

4-H Jersey
Junior yearling heifers (5) — Honey Brampton Elaine (junior champion and reserve champion), Jeanette Foote, Orlando; Lake's Star Onyx, Mary Budden, Fort Meade; Lee's Mufo Design Babe, Bob Lee, Winter Haven; Design Favorite Bet's Blonde, Charlotte Lee, Winter Haven;

Senior yearling heifers (2) — Jester Greenfield Sally, Jimmy Seymour, Winter Haven; Beacon's Oxford Leida, Jeanette Foote;

Two-year-old cows (6) — Dandyl Standard Rachel Cherry, Diana Garrett, Fort Meade; Volunteer Arter, Jeannie, Joyce Hardy, Orlando; Favorite Noble Speckle, Richard Thornhill, Winter Haven; Duke's Lucky Girl, Ray Bissett, Winter Haven;

Three-year-old-and-older cows (4) — Sybil Baro- net Treia Emma (senior champion, grand champion), Mary Frances Fischer, Orlando; Beacon Jester of Dairyland, Mary Frances Fischer; Standard Royal Gen S.E., Bobby Hebb, Bartow; Emond Vera Honey, Jeanette Foote;

Best bred by exhibitor (1) — Honey Brampton Elaine, Jeanette Foote;

FFA Ayrshire
Heifer calves (1) — Dixie's Clippy Gretel, Mal- vin Vernon, Jr., Tampa;

Junior yearling heifers (3) — Emerine's Bell

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Now there are air-conditioned shelters for cows. Although that sounds like the last word in luxury and pampering, they pay off, according to tests conducted by the USDA in cooperation with the Missouri Experiment Station at Columbia. The studies indicated that air-conditioning dairy shelters would be profitable for dairymen in locations where average daily temperatures and relative humidity are excessive for 60 days or more each year. In a well-insulated, 100-cow, stall-type dairy barn, air conditioning could prevent a 10 percent decline in milk production on days when outside temperature is 80 degrees and the relative humidity higher than 75 percent.

Petitions Not Right In Bradford County Bang's Testing

Two Bradford County cattlemen won a battle against the State Livestock Board in circuit court here recently over the compulsory testing of cattle for brucellosis.

Circuit Court George L. Patten ruled in favor of the cattlemen on the basis that the petition which ostensibly gave the Board authority did not have a sufficient number of signers as required by law.

The Board on November 18 served notice to J. W. Hamilton and Fred McDavid, both of Brooker, to produce their cows for testing for brucellosis (Bang's disease).

When they failed to comply, the Board got a court order to show cause why they should not act as directed.

The Board was acting under authority of a petition circulated in January of 1959, allegedly signed by 75 percent of the cattlemen in Bradford County owning over 50 percent of the cattle.

In the recent hearing before Judge Patten, it was proved by the defendants, represented by Mack Futch, that the petition was signed by only 267 of the county's 424 cattlemen, far short of the required number of 318.

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With Florida Kowbelles
Visits Old-Timers...J. F. and Emma

Sumner
and Family at Wimauma

by ETHEL HALES STANCIL

A TYPICAL grandma is Mrs. J. F. (Emma) Sumner of the Summer Cattle Company at Wimauma, who bought a newfangled sewing machine with all the latest attachments so that she could sew for grands. Lisa Thompson, six, when I met her had on a pretty old-fashioned plaid, trimmed with rickrack in a professional manner, which her grandmother had made.

Grandmother Emma isn’t content just to sit back and sew for her children’s children, however. She shares pleasures with them. She rides horseback with them, and little wonder they are all crazy about horses, with such a charming person to show them the thrill that accomplishments such as No Shetland ponies to teach the youngsters to ride—they start off on regulation-sized horses.

The Sumner family is a closely knit one. The children all live within ten miles of Papa and Mama Sumner—nearer as the crow flies. The two sons—twins Jim and Joe, (identical)—are associated with their father in the ranch operation. Jim has one son, Joe Summer II, who is 13. Jim has four girls: Celeste, Stephanie, Melanie Mary and Melba Janice.

The Sumners have three daughters Melba (Mrs. C. J.) Hurley who has one son, 13-year-old Thomas; Eleanor (Mrs. Ray) Thompson, who has two girls, Lisa, six and Mylah, three; and Mary (Mrs. James) Neeley.

The Sumners keep bird dogs, for the men like to quail hunt. Mrs. Sumner likes to ‘cat hunt. Growing up she went many years of hard usage by railroads and utility companies have proven that pressure-creosoting prolongs the life of wood three times that of untreated wood. Yes, you’ll be dollars ahead by replacing with LANCO pressure-creosoted posts.

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VALDOSTA, GEORGIA

For the Kowbelles

A MOTHER I know did an unusual thing with the drawing her son brought home from school in his first years there. She traced them onto a bedspread and embroidered them! What a keepsake for the years ahead!

THE BEST way I’ve found to “nearly dry” orlon sweaters: Hand wash then try to straighten them as usual. Place in the automatic washer with the dial on spin dry for a very few minutes. Results: the garments are almost dry and when hung on padded hangers will dry in a few hours.

HAROLD’S BUSY these days making the cunningest objects from half-gallon milk cartons, which he has aunts saving for him. (We milk.) One became an old-fashioned well, complete with bucket and rope. A contraption really pulls the bucket up and down. He shapes the cartons with scissors and a razor blade.

For easy supper planning try fixing part of the meal at breakfast. I may brown six chops, place them in a thin gravy in a casserole dish, and cover all with aluminum foil. It will bake 3/4 done—about 45 minutes at 350 degrees. When I come home I turn oven on again, remove foil and (in about 20 minutes) the chops are done.

The Florida Cattlemen
five-crossed Brahman with polled Herefords. They like the Brahman best. Three generations on Mrs. Sumner's mother's side and two on her father's side were reared in Hillsboro County. She has a cattle raising history, too, from way back.

Mrs. Sumner can do anything around the ranch that needs doing and does when others are not available.

She recalls many light moments. The twin sons are so nearly alike that even now they sometimes fool their dad. In the army, their officers could not tell them apart. Hospital authorities tried to determine a difference—all they could find was a little variation in their teeth. Throughout their lives they have set patterns of dress to follow to ease the confusion they cause (though sometimes they enjoy it!) Growing up, one rode a white horse and wore a white hat—the other a black horse and a black hat. They have not suffered similar illnesses except for a childhood case of measles.

One amazing thing about the twins is that they think alike. Growing up, riding the range, they used to start out in opposite directions. One took the lunch box for the two of them. They seldom planned where they would eat lunch, yet they invariably wound up together at an unnamed spot.

When the twins were small, she always dressed them alike. Are twins more trouble than single-birth babies? Mrs. Sumner does not think so. If she kept them together, when small, there was little trouble. Separate them and—my! Joe is usually the largest, though Jim is older, by six minutes! Mrs. Sumner can recall no other twins in the family before them, although there have been two sets in Mr. Sumner's since.

Mrs. Sumner's parents, Mr. and Mrs. E. E. Simmons, also of Wimauma, died at the age of 86. Her two grandmothers lived to be 92 and 96. So it looks as if Mrs. Sumner should be around for several decades yet, for she is a young grandmother.

Mrs. Sumner isn't the only notable in the family. Her husband received the second honorary directorship from the State Cattlemen's Association.

Underhill Elected

The Martin County Cattlemen's Association elected Chester Underhill president at its recent meeting, held in Indiantown. Gilbert Hammond was named vice president and the retiring president, George Oliver, was elected secretary to succeed County Agent L. M. Johnson, who has served for 18 years as secretary of the association.

Ten directors including Johnson, were elected. They are, Jack Williamson, Dick Kelley, G. C. Troup, P. L. Hinson, O. H. Chastain, Johnson, Dr. R. H. Kuhn, Norman Hale, J. B. Pilgrim and Bruce Bitting.

The annual State FFA Convention has been tentatively set for June 14-18 at Daytona Beach, with headquarters at Princess Issena Hotel.

for March, 1960
Hi Folks!

We are all set to put on one of the biggest and best Angus sales ever held in Florida. We have about 225 head of cattle consigned from all parts of the state. There will be some of the finest Angus cattle in the Southeast selling—cattle that have done well during the show season and can fit into any breeding program. Make it a point to be with us on APRIL 2, in Palmetto.

We are all set to put on one of the biggest and best Angus sales ever held in Florida. We have about 225 head of cattle consigned from all parts of the state. There will be some of the finest Angus cattle in the Southeast selling—cattle that have done well during the show season and can fit into any breeding program. Make it a point to be with us on APRIL 2, in Palmetto.

REMEMBER: We have an All-breeds sale scheduled for the first week in December. This will be the largest bull sale ever held in Florida—lasting four days and selling at four different locations. Write for more information.

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4 H.P. GARDEN ROTARY TILLER—and Spray Pump. Both $119.00. Special this month. Write Universal Mfg., 324 West Tenth, Indianapolis 2, Indiana. 12500ff

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WANTED POSITION—as foreman for cattle ranch or farm. Prefer commercial herd—experience. References. Write Box 891-1, Kissimmee, Fla. 2580p

NEED WORKERS?

Hard working farmers and ranchers (men only) from Mexico's cool highlands want permanent year around U.S. jobs. Allow three months for worker's arrival. For free information, write: S. D. Corra, Office 17-H, Morelos 516, Guadalajara, Mexico.

POSITION WANTED—Experienced Cattlemen and Foreman available April 1. Excellent references furnished. Has handled large operation—both breeding and steer feeding operations. Graduate School. Experienced in artificial insemination and insecticides work. Has always done carpentry, electrical and machine repair work myself. 57 years old, in excellent health. I am single, married, 2 grown sons. Would like to stay in the Southeast. Native of Florida and understand its problems. Reply to Box 891-1, The Florida Cattlemen, Kissimmee, Fla. 300ff

ANGUS BULLS—Imports, Exporters, Breeders of Scotch and Irish Aberdeen-Angus. Performance Attained bulls for sale with advanced registration records. Request folders, data sheets, prices. Wye Plantation, Queensburg Maryland. 85ff

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RED ANGUS—Registered bulls and heifers. Championship blood lines. The Red Angus Stock Farm, Orange Grove, Texas. 290p

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Kissimmee, Florida
Vet Briefs:

**Foaling Season Is At Hand?**

With the advent of the new year, the interest in horse foaling grows. Foals are arriving and, in Florida, racing, shows and contests are being held.

There is always the problem of getting the young stock ready for show and racing, as well as reconditioning the older animals. In addition to proper feeding and vitamin and mineral supplementation, it is very important to rid the horses of stomach and intestinal parasites.

The wormy horse fails to grow as fast as is possible, generally has a rough hair coat and is usually anemic. Weakness, scratching the hind-quarters on objects, recurring colic, and even paralysis of the latter animals, are other signs of worms and bots. In addition to worming, injectieable vitamins are required and may give an added boost to a youngster or horse in hard training.

There are also the mares in foal to consider. Proper feeding, sufficient exercise, a clean foaling area and careful observation for any sign of foaling trouble are important. Foaling is a critical and sometimes a dangerous period. In the rare case where the mare has trouble, help should be summoned immediately. Occasionally the afterbirth must be removed. Failure to remove retained placenta in mares is very serious and can result in foaling death to the mare.

The newborn foal’s navel should be disinfected when possible and the foal observed carefully for the first few days for any sign of “navel or joint ill.” Weakness or depression may indicate other severe diseases of the foal which need the immediate attention of a veterinarian.

Navel hernias should not be viewed with too much alarm as they generally correct themselves. If the hernia is severe or is not corrected by the colt is a yearling, an operation should be performed. Worming of the foal at regular intervals from the age of three months on is very important in maintaining fast growth.

In case of any difficulty during foaling or if any abnormalities are noted, the mare should not be bred on the ninth day heat (foaling heat), and should be examined and treated if necessary. Any problem mares or barren mares should be bred as early in the season as possible. The veterinarian has several means at his disposal to aid those problem mares—hormones, infused antibiotics, and artificial insemination, to mention a few.

Before hot weather arrives, it is im
to vaccinate horses for equine encephalomyelitis, or blind staggers. This virus disease is transmitted by biting insects and is usually fatal. It is known to be carried by birds from one area to another, hence the sporadic attacks of the disease. In certain areas mares in foal are vaccinated to protect against a type of infectious abortion. In the case of valuable animals, tetanus toxoid can be given to protect against tetanus or 'lock jaw' for a year's period.

The road to successful horse husbandry can be much smoother when the above basic steps are taken to insure good health, and to aid disease prevention. For answers to any questions raised, consult your local veterinarian.

**Diagnostic Lab**

*(Continued from page 103)*

treatments with Phenothiazine will not not always rid an animal of worms.

The occurrence of a case of Photosensitization (skin disease caused by light) has reminded us that it is the season for this disease caused by Bermuda grass pastures coming up through a molded mat of grass. Cattlemen are warned to be on the alert for this condition and, if necessary, to request more information on it from their veterinarians. A skin condition resembling warts, but caused by a parasite infestation, has been found in two bulls.

Swine diseases encountered have included atrophic rhinitis, hog cholera, and pneumonia. Among the unusual has been a chimpanzee with an infection of the skin condition resembling an atrophic rhinitis, hog cholera, and pneumonia. Among the unusual has been a chimpanzee with an infection of the heart and other tissues and a skunk (pet) with a resistant parasite infestation.

**Meat Schools Held**

Four schools for meat retailers and market managers were conducted in February; two in Miami and one each in West Palm Beach and Kissimmee. The lecture-demonstrations were a cooperative effort of the Florida Agricultural Extension Service with the National Livestock and Meat Board, Chicago.

**Lunch Cost Reported**

The total value of foods used in 60,000 public school lunchrooms from July 1957 to June 1958 was some $97 million, or about $25 per pupil USDA reports. About 85 percent of it was purchased locally, the rest donated from Government sources.

**County Agents Named**

Appointments of Robert B. Christmas as assistant county agent in Orange County, and William M. Nixon to a similar post in Lake County, have been announced by Dr. M. O. Watkins, director of the Florida Agricultural Extension Service.

A 19-ACRE pine tree farm in Marion County earned $595 for its owner in two years. About 700 seedling pines may be planted to the acre, for thinning later, for March, 1960.
Special Pre-Season Sale...

In order to increase our sales and to acquire new customers, we're having a Pre-Season sale on Regular Indigo and Sesbania—two of Florida's outstanding cover crop seeds. We believe that a fair price today for Indigo would be 25c and 10c. But, we are offering for "immediate sales" high quality Indigo at 20c and Sesbania at 6c! Buy now at these savings as this offer may be withdrawn at any time. We also offer free storage up to 90 days on paid orders. Sorry, no bookings.

**Benne** (per hundred lbs.)
- Imported: $35.00
- Clover (per hundred lbs.): 15.00
- Crotalaria (per hundred lbs.):
  - Early Spectabilis: 22.00
  - Giant Striata: 16.00
- Grasses (per hundred lbs.):
  - Argentine Bahia: 65.00
  - Pensacola Bahia: 28.00
  - Hulled Bermuda, Ex Fancy: 75.50
  - Unhulled Bermuda, Ex Fancy: ASK
  - Carpet Grass: 40.00
- Hairy Indigo (per hundred lbs.)
  - Early: ASK
  - Regular (99 percent pure 90 percent germ): 20.00
- Millet (per hundred lbs.)
  - Browntop: 10.00
  - Cattail: 7.75
  - Starr, Certified: 12.50
- Peas (per bushel)
  - Combine: 6.75
  - Mixed Hay: 6.75
- Sorghums (per hundred lbs.)
  - Regular Hegari: 7.25
- Sesbania (per hundred lbs.)
  - From Western Seed: 6.00

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**FULTON-COLE SEED COMPANY**

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**ALTURAS, FLA.**

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**EDITORIALS**

**Florida Is Nationally Recognized**

Some 15 years ago, Florida became the first state east of the Mississippi River to affiliate with the American National Cattlemen's Association. Through the years, the Florida Cattlemen's Association has faithfully contributed sizable sums to the work of the national. And Florida has also contributed manpower. Many of our FCA leaders have been active, constructive workers in national industry affairs.

Thus it was a logical step when the American National elected Cushman S. Radebaugh of Orlando and Fort Pierce as its first vice president for 1960, and this is particularly significant because the national association has always elevated its first vice presidents to the presidency after two years in the Number Two slot. This means that Cush Radebaugh will almost certainly be American National's first eastern president—also its first from the deep South—in 1962 and 1963.

Logical or not, it remains a deep tribute to the cattle industry of Florida, as well as to Cush Radebaugh as an individual. We can all of us feel legitimate pride in ourselves, for the substantial nature of our cattle industry and our association, and in our friend, Cush Radebaugh, for his own personal stature and ability.

**The South Is More Prominent**

A couple of months ago, we editorialized about the South's growing prominence in cattle production, compared to the western range areas which for years were the center of American National's influence and finances.

The mountain states have been naturally reluctant to pass over control of the association which they started and nurtured, and which they still largely finance, to the newer cattle producing areas where state associations are not so well organized, and where financial support (except from Florida) has been generally slim.

Cush's election, in addition to recognizing Florida for its accomplishment and Cush for his ability, means that American National is becoming truly national in its outlook, and that it is recognizing the South as an important producing area, essential to the growth and progress of the national association.

**The Dallas Convention**

Florida was represented by some 35 persons at Dallas—one of the largest delegations from this state to attend a national convention. One factor was the strong effort to bring the national convention to Tampa—and although the convention decided to go to Salt Lake City (which also put on a good "show" and had done so a year ago, too), Florida is definitely in line for a convention soon. Many of the old-timers remember the Miami convention (largest ever held up to that date) and want to come back.

Tampa's convention bureau assisted the Hillsborough association in the campaign. A special "edition" of The Cattlemen was distributed, extending the invitation and telling something about Tampa and Florida. Florida Citrus Mutual provided free orange juice, and, all in all, a very good promotional job was done in behalf of Tampa.

Several Floridians were active on key committees; notably J. O. Pearce, Jr., the FCA president, who was on the resolutions committee, and Past President Alto Adams, Jr., on the nominating committee.

**Let's Keep Florida "On the Map"!**

Yes, Florida is definitely on the national cattle industry "map." But to keep it there we must improve FCA and our local associations.

Our industry produces some $75 million in beef sales in Florida each year, and there is no doubt at all that we can support the type of organization our new permanent staff is designed to give us. But will we? Our opinion is "Yes." FCA will have the backing from all cattlemen essential to keeping Florida "on the map."
Continuous scientific research on Florida ranges over a 10 year period is the basis of the development of the three P-D-Q Supplements. Actual feeding records of money making cattlemen show an outstanding job done for them. These feeding records prove P.D.Q. Self Rationing Supplements save — TIME — LABOR and EXPENSE.

Plan your particular feeding program to include P-D-Q Self Rationing Supplement. Remember, there is a Specific Supplement for each Florida weather, pasture and season condition. A specific supplement for poor, fair, and good pastures.

Feeding P-D-Q Doesn't Cost — It Pays.
SHORT ON FORAGE?

What would you give right now to have some high protein forage? Whether you are a dairy operator or a cattleman, your SUPERIOR REPRESENTATIVE can show you how you can utilize millet, hairy indigo, Alice Clover and other summer legumes — either as straight crops or overplanted on sodded pastures — to give you benefits which will far outweigh costs in most cases.

Call your Superior Representative today. He'll tell you all about temporary summer forage crops. And don't forget to ask about SUPERIOR'S Special 10-10-10 PELLETIZED Pasture fertilizer. It is the highest formula PELLETIZED Grass fertilizer available in Florida today — it has room for minor elements too. CALL TODAY.

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