The Florida Cattlemen
In this issue:
- Beef Cattle Short Course Is Scheduled
- Hog Cholera Eradication Plans Told
- Cattle Values, Ranks Shown
- Premier Exhibitors, Animals Told

Florida Dairy Farmer Livestock Journal

April 1961
PROFIT-REASONS FOR FEEDING

X-CEL

VIT-L-TONE

MINERAL SUPPLEMENT

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-phosphorus 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!

- 21% CALCIUM
- 10% PHOSPHORUS
- VITAMIN D
- TRACE ELEMENTS

JACKSON GRAIN CO.

FEEDS • SEEDS • FERTILIZERS • INSECTICIDES

TAMPA, FLORIDA

TENNESSEE BASIC SLAG • VIKING SHIP BRAND CALCIUM NITRATE
BOARD OF DIRECTORS will meet in Gainesville on April 4--Den McCarty Hall, 10 a. m. Any legislative ideas should be presented at that time. Tax committee report will be given by Chairman Lat Turner. Marketing committee report will come from Chairman Gilbert Tucker and George Young. Legislative Chairman Bill Larkin will report.

NEW BRUCELLOSIS PROGRAM has begun. President Louis Gilbreath has signed up as "Number One" to back the program, which stresses Calfhood Vaccination.

NEW ASSOCIATIONS: Your Executive Vice President has been invited to present the FCA picture and dues structure to the Suwannee County Cattlemen's Association. New Units Chairman Bob Deriso of Tampa needs help to get new associations started in Gadsden and Madison Counties. If you have any leads, write him at Box 646, Kissimmee.

AMERICAN NATIONAL CONVENTION: Ralph Sumner of Tampa is general chairman. Dates are January 24-27. Headquarters hotel (the Hillsboro) will be reserved for out-of-state guests. But Tampa needs to have Florida reservations soon as possible. Write Ralph Chapman, Reservations Chairman, ANCA Convention, Care Greater Tampa Chamber of Commerce, Tampa.

MID-YEAR CONVENTION will be held at Clewiston. Excellent speakers are being arranged, and details will be announced soon. Direct reservations, stating type of accommodation desired, to S. L. Crochet, U. S. Sugar Corporation, Clewiston (specify twin beds if particularly desired in double).

BEEF COUNCIL took in $1191 last month, and $921 through March 20. February increase over previous years was small, but it is believed that March will reach upwards of $2000. Hickory Hill Meat Packers, and the Tampa and Lakeland markets, should be new additions this month.

BEEF CATTLE SHORT COURSE at the University of Florida is April 20-22 (see article on page 24). This is co-sponsored by the Association, and subject this year is cross-breeding.

MARKETING NEWSLETTER: Marketing committee would like to see a better method of getting marketing news information to cattlemen, and President Gilbreath is talking to Commissioner of Agriculture Doyle Conner. Directors to talk April 4.

TRAVELS: The Executive Vice President helped Escambia County organize in Molino February 22; met at Apopka with the Central Florida group February 23; saw American National officials at Tampa on February 24, then met with Volusia cattlemen at Osteen that evening; talked with the President at Ocala on February 25; helped plan the Agricultural Council's legislative booklet at Orlando on February 27; attended the Baker meeting at Macclenny (with the President) on the 28th, then went to Jacksonville to talk to Winn-Dixie on beef promotion.

On March 3, the agricultural tax study committee met at Tampa, with the Executive Vice President present, and he was in Miami the following day to talk over a new contract with the Kurt Wolf Insurance Agency which handles our group insurance. Final Ag Council booklet meeting was in Orlando on March 8, and on March 10 a meeting was held with W. C. Wing of Wildwood on public relations, and later with Howard Giles at the University of Florida on marketing. Other contacts: Clewiston, March 13; Tampa, March 14; Lakeland, March 15, 17; Ocala, March 19; Orlando, March 20; Tampa, March 21.

--Art Higbie, Executive Vice President
**Calendar**

**APRIL**
- Apr. 4-6 - West Fla. Fat Stock Show ...... Quincy
- Apr. 5-6 - Wa Wylo Sale ............. Millington, Tenn.
- Apr. 8-9 - Amer. Angus Futurity, Lexington, Ky.
- Apr. 13 - Columbus Mkt. Anniversary ... Lake City
- Apr. 18 - King Ranch Sale ....... Kingsville, Tex.
- Apr. 14-15 - Plant City Rodeo ....... Plant City
- April 20-22 - UF Beef Short Course ... G'ville
- Apr. 22 - Citrus-Penn Sale ............. Reidsville, N. C.

**MAY**
- May 11 - Premier SG Sale ............ Shreveport, La.
- May 12 - Fla. Angus Jibesale ............ Palmetto
- May 23-24 - SE Dairy Cattle Clinic, Ft. Lauderdale

**JUNE**
- June 14-16 - FCA Mid-Year Convention, Clewiston

**JULY**
- July 1-2 - Spinks Qtr. Horse Sale .... Paris, Tenn.

**AUGUST**
- Aug. 30 - Florida Guernsey Sale ......... Orlando

**SEPTEMBER**
- Sept. 9 - Florida Jersey Sale ............ Orlando

**OCTOBER**
- Oct. 23-25 - Sugar Loaf Angus Sale ... Staunton, Va.
- Oct. 25-27 - FCA Annual Convention ... Lake City
- Nov. 29-30 - International Bull Show .. Chicago
- Dec. 7 - Smithdale Here. Sale, Limestone, Tenn.
- Jan. 24-27 - ANCA Convention ......... Tampa

**Service Info of The Florida Cattlemman for 1961-62**

- June ............ Better Pastures
- July ............. Better Bulls
- August .......... Marketing
- September ....... Shorthorn
- October .......... Herefords
- November ....... Aberdeen-Angus
- December ....... Equipment
- January .......... American Breeds
- February ...... Florida Horses
- March .......... Brahman
- May ............... Forestry

**THE FLORIDA DAIRY FARMER will appear in The Cattlemman for APRIL, JUNE, SEPTEMBER, DECEMBER**
How creep feeding can help your cattle profits

—by J. Blake Pullen
Southern Region Livestock Manager
Ralston Purina Company

Twenty-five leading market men in the South were asked what kind of calves they liked to buy best. These are the men who buy more than 500,000 head in the South every year.

These men agreed there’s a shortage of choice and good grade slaughter calves. They said calves in these grades brought from $4 to $8 per hundred more last year than utility grades.

There’s a way to help get your calves in good and choice grades. Many Florida cattlemen are doing it. They’re getting 60 to 80 pounds extra weight on their calves, in addition to the extra finish that brings a higher price. They’re doing it by creep feeding.

But the beauty of creep feeding is that it not only helps the calf . . . it helps his mama, too. Yes, you can get away from those low-grade, tail-end calf problems, and you can improve cow condition, too.

In our work with 2800 head of cattle, calves that were creep-fed Purina Creep Rations showed the following profit advantages:

1. 34% more choice and good grade calves.

2. Heavier calves. Every 10 calves creep-fed Purina returned weight equal to one extra calf. (No extra cow to breed, feed or care for to get it, either.)


4. This extra condition meant 16% more calves the following season.

Why don’t you get set up now to creep feed this spring? You know, it’s not often that one single thing you can do can pay off with advantages like those listed above. You don’t have to be out of pocket a great amount to get set up to creep feed.

You can build your own creep out of rough lumber or poles (or you can spend some money for an all-metal, factory-made piece of equipment). There should be several openings on each side of the creep just large enough for the calves to enter, but small enough to keep the cows out.

Make your creep portable so it can be moved to utilize grass and can be placed near shade and water where the cow herd frequents. Save labor by putting in a self-feeder, but check it regularly to be sure the feed is fresh.

Your Purina Dealer can supply you with Purina Creep Chow—a ration made especially for this purpose and containing the proteins, vitamins and minerals that help calves put on weight and finish. Or, you can feed your own grain with Purina Steer Fatena or Beef Chow, one part Chow to four parts grain. However you want to feed, your Purina Dealer at the Store with the Red and White Checkerboard Sign can fill your needs. Stop in and see him when you’re in town.
EQUIPMENT DESIGNED TO PERFORM WELL IN FLORIDA

by LUNDELL

Lundell, which developed the first successful flail-type forage harvester has now completed testing the first commercial farm pelleting machine. This machine is recommended for pelleting hay with moisture content of 18-20 percent or less, and produces pellets approximately 1x1" or 1x2" in size. Contact us for details.

LUNDELL HAS PRODUCED MANY ITEMS OF PARTICULAR VALUE TO FLORIDA WHERE FORAGE IS HEAVIER THAN IN OTHER AREAS.

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.

GRAVES DISTRIBUTING COMPANY

R. Lee Graves, Owner, Box 708, Ph. 117-2831
KISSIMMEE, FLORIDA

We Stock a Full Line of Parts At Our Kissimmee Warehouse

Editor's Desk

Why No Questionnaire?
He Sends His to Africa!

Fairfield, Connecticut

I did not fill out the questionnaire because my interest in cattle raising is academic. My reason for subscribing to THE FLORIDA CATTLEMAN is because I send each issue to a friend of mine in Africa who raises cattle, and the climate there approximates that of Florida. The altitude, however, is about 5000 feet...

Eliot R. Cutris

For those who didn't get one, THE CATTLEMAN sent out survey questionnaires to every other name on our mailing list early in January, then followed up by postcard to those not responding. (We hope to have results tabulated for next issue.) Incidentally, folks like Mr. Cutris who are non-owners of cattle make up only about 15 percent of our total list, which includes, we believe, practically everyone in Florida who receives any sizable income from livestock.

We Get Inquiry from Six-Year-Old Issue!

Moneague P.O., St. Ann, Jamaica, B.W.I.

I have seen the advertisement of the book "Breeding Better Livestock" in THE FLORIDA CATTLEMAN and LIVESTOCK JOURNAL and would like to get one to buy. Owing that the Journal is dated July 1955, I have written to find out if there is any different arrangement in price before I send my money...

George S. Mott

Apparently not all old CATTLEMAN issues find their way to the trash! ( Needless to say, Mr. Mott has the information requested. )

Professional Management Assistance in Florida?

Fort Lauderdale

It is my understanding that professional assistance is available in varying degrees in the management of agricultural programs. I find myself, as an ama-

Latest Statistics

Commercial Slaughter and Average Weight (USDA)...

<table>
<thead>
<tr>
<th>Cattle</th>
<th>Calves</th>
<th>Swine</th>
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</thead>
<tbody>
<tr>
<td>M Head Lbs</td>
<td>M Head Lbs</td>
<td>Lbs. M Head</td>
</tr>
<tr>
<td>January 1961 (Fla)</td>
<td>29.5</td>
<td>883</td>
</tr>
<tr>
<td>January 1960 (Fla)</td>
<td>25.5</td>
<td>903</td>
</tr>
<tr>
<td>January 1961 (U.S.)</td>
<td>2115.7</td>
<td>1030</td>
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<tr>
<td>January 1960 (U.S.)</td>
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Slaughter Under State Inspection, Head (FLB)...

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<th>Swine</th>
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</thead>
<tbody>
<tr>
<td>Lbs.</td>
<td>Lbs.</td>
<td>Lbs.</td>
</tr>
<tr>
<td>February 1961</td>
<td>14.800</td>
<td>5038</td>
</tr>
<tr>
<td>February 1960</td>
<td>12.784</td>
<td>5289</td>
</tr>
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Livestock Prices Per Hundred (USDA)...

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<tr>
<th>Cattle</th>
<th>Cows</th>
<th>Cattle</th>
<th>Cows</th>
<th>Cattle</th>
<th>Cows</th>
<th>Cattle</th>
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</thead>
<tbody>
<tr>
<td>Strs, Hrs.</td>
<td>Lbs</td>
<td>Calves</td>
<td>Lbs</td>
<td>Calves</td>
<td>Lbs</td>
<td>Calves</td>
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<tr>
<td>Fla., Feb. 15, 1961</td>
<td>$18.80</td>
<td>$15.70</td>
<td>$20.80</td>
<td>$20.20</td>
<td>$16.40</td>
<td></td>
</tr>
<tr>
<td>Fla., Jan. 15, 1961</td>
<td>18.20</td>
<td>14.50</td>
<td>20.50</td>
<td>18.60</td>
<td>16.60</td>
<td></td>
</tr>
<tr>
<td>Fla., Feb. 15, 1960</td>
<td>18.50</td>
<td>15.70</td>
<td>20.70</td>
<td>20.40</td>
<td>12.20</td>
<td></td>
</tr>
<tr>
<td>U. S. Feb. 15, 1961</td>
<td>20.70</td>
<td>14.80</td>
<td>23.20</td>
<td>23.90</td>
<td>17.60</td>
<td></td>
</tr>
</tbody>
</table>

Calf Crop Percentages, 1960, U. S. and S'eastern States (USDA)...

<table>
<thead>
<tr>
<th>2-year-old cows</th>
<th>heifers</th>
<th>Percent</th>
<th>calves of cows</th>
</tr>
</thead>
<tbody>
<tr>
<td>Av. 1949-59</td>
<td>59</td>
<td>86</td>
<td>86</td>
</tr>
<tr>
<td>1950</td>
<td>86</td>
<td>86</td>
<td>86</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>M Calfes</th>
<th>United States</th>
<th>45,871</th>
<th>86</th>
<th>86</th>
<th>86</th>
</tr>
</thead>
<tbody>
<tr>
<td>1960</td>
<td>39,280</td>
<td>2,586</td>
<td>230</td>
<td>589</td>
<td>998</td>
</tr>
</tbody>
</table>

Florida

The Florida Cattlemen
A Penny Saved
Is Not Always a Penny Earned

BY ROBERT K. CUTTER, M.D.
PRESIDENT, CUTTER LABORATORIES

In addition to the regular alum precipitated type, we market a premium quality line which is Alhydrox® adsorbed. Now, don't get me wrong, I'm not throwing rocks at our alum precipitates. On the contrary, every lot produced is tested to high standards. Indeed, they're the best products of this type you can buy. It's just that the Alhydrox-adsorbed Blacklegol products are that much superior.

WHY IT PAYS YOU TO USE A BLACKLEGOL PRODUCT

Knowing as I do the two types of products marketed by Cutter Laboratories, I strongly urge you to always use our Alhydrox-adsorbed Blacklegol products.

CUTTER “CULTURE BANK” PAYS DIVIDENDS

Here at Cutter Laboratories, our bacteriologists maintain what they call a “Culture Bank.” It ought to be called a home for wayward organisms. It contains the organisms which have caused the worst blackleg outbreaks over the years. We hate to admit it, but one of the stinkers licked an earlier version of our Blacklegol some years back. It’s renegades like this that make good, potent vaccine!

Every lot of our blackleg products contains a number of strains, including the latest bad actor, so, we’ll be up with the latest strain which may have developed resistance to the older immunizing antigens.

WHAT ALL THIS CAN MEAN TO YOU

If I were a cattleman, having to pay for vaccines in hard, cold cash, knowing what I do about the vaccines available, I would use a Blacklegol vaccine if it cost twice as much as the others... which it doesn’t. It is true that a cattleman could save a few pennies by using our alum precipitate products. However, if he was really going to try to make a “saving” maybe he shouldn’t vaccinate at all. On many ranges, he may get by for several years without getting burned... or the next year may prove to be the “hot” year that could wipe him out.

If he doesn’t want to take quite this much chance, he can shop around and buy the cheapest vaccine he can buy. But, would it make sense? The cattleman who buys good bulls, culls his cows, and does a good job of range management just can’t afford not to use the best possible protection he can buy. And that is the Alhydrox adsorbed Blacklegol vaccine.
Always!

Competitive Bidding Means Higher Livestock Prices!

See Your Local Auction Market:

Arcadia State Livestock Market
Auctions Every Wednesday
Pat Kelly, Mgr., Ph. WA 9-3151, 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
DEFUNIAK SPRINGS, FLA.

Gainesville Livestock Market
Auctions Every Monday
L. H. Thompson, Mgr., Ph. FR 2-3442
GAINESVILLE, FLA.

Jackson Livestock Market
Auctions Every Wednesday
Lovette Jackson, Manager
Phones FR 6-8304, 2-8612 (home)
GAINESVILLE, FLORIDA

Tindel Livestock Market
Auctions Every Monday
Claud Tindel, Mgr., Ph. AN 3-3001
GAINESVILLE, FLA.

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

Cattlemen's Livestock Markets
Monday • Sales • Tuesday
Harry McCollum, Mgr.
Ph 4-1145 • Ph MU 2-011
TAMPA and LAKELAND

For Further Information about Florida Livestock Markets, Contact

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

Columbia Livestock Market
Auction Every Thursday
Terry McDavid, Mgr., Ph. 481, 1695,
Brooker 2681
LAKE CITY, FLA.

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

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

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

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

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

Okeechobee Livestock Market
Auctions Every Tuesday
H. S. Beebe, Mgr., Ph. RO 2-5521
OKEECHOBEE, FLA.

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

Livestock Auction, Inc.
SARASOTA, FLORIDA

NEW QUARTERS . . . for making Lumite shade cloth is shown here. Facilities near Cornelia, Georgia, are four times larger than the old quarters at Baldwin, Georgia.

I do not have need for an immediately profitable enterprise, but the drain should not be so great as to jeopardize accompanying investment. I have had no suitable contact with professional managerial talent. Any information you might be able to give me . . . would be deeply appreciated.

William K. Peck, M.D.

We have referred Dr. Peck to Dr. Roy A. Bair, West Palm Beach, and Florida Agricultural Service, Mr. Edwards, Plant City, both of whom advertise consulting services in every CATTLEMAN.

Youngster Appreciates Photo Taken at Tampa Steer Show

I received the picture . . . taken at the State Fair . . . and I appreciate it very much. Please thank Mr. Harry Bryan of Albers Milling Company for me.

I think the show and sale was real good this year, and I'm looking forward to the show next year. I'm working on some calves I have and I'm going to work hard and feed good, and try to have the Grand Champion.

Windy Banks

Good luck to Wendy (Windy) Banks for next year. This youngster showed the 4-H reserve grand champion at Tampa last month, and we sent the photo on instructions from Albers Milling Company.

Anyone Like to Help UF Student Continue Vet Education?

I will be graduated in June from the University of Florida . . . with a major

The Florida Cattlemen
FROM THE WINNER'S CIRCLE
AT THE FLORIDA
FAT STOCK SHOW AND SALE-
a clean sweep by Calf Manna fed beef!

All 4-H and FFA champion steers at this year's Florida Fat Stock Show were Calf Manna fed! Other impressive records were set at fairs and shows throughout the country. At the International Livestock Exposition in Chicago, more than 60% of the winners were Calf Manna and Sho-Glo fitted!

Florida Grand Champion steer owner Bernard Kirkland says: “Calf Manna builds better bloom, finish, and hair coat than any other feed I've used!” And another winner, Tom McPhillips, says: “I use Calf Manna because other successful showmen use it. I get the bloom and finish I'm looking for with Calf Manna!”

Now is the time to make plans for the coming show season. Remember that Calf Manna and Sho-Glo are the fitting combination for champions!

Get details on how you, too, can build bloom and finish that hold the judge's eye...

plus this set of 30 farm needles!

30 finest quality imported steel needles for every farm sewing job—carpet or sack, upholstery, leather, needlepoint, darning, fine hand work. Also easy-to-use needle threader.

This brand-new, fact-filled 36-page book gives you valuable pointers on every phase of showing beef.

A $1.00 VALUE—BOTH FOR ONLY 10¢

MAIL COUPON TODAY!

ALBERS MILLING COMPANY, Dept. FC-41
1016 Central Street, Kansas City 5, Missouri

Please send me Farm Needle Set and 36-page book: “Selecting, Fitting and Showing Beef.” I enclose 10¢ to cover postage and handling.

Name _____________________________

Street _____________________________

Town ____________________________ State ________
To celebrate our first anniversary, we are inviting all farmers and ranchers to attend our special sale and fish fry. A special program on soil and pasture improvement will follow the fish fry at 6:30 p.m. Doyle Conner, Commissioner of Agriculture, will be the featured speaker.

North Florida's only Ring-Scale. Records animal weights in ring while being sold.

North Florida’s Fastest Growing Market

Sale Every Thursday

Columbia Livestock Market, Inc.
Phone 481 or 1695 (nile) Lake City, Fla. Box 902
Van Giebeig, Auctioneer
Terry McDavid, Mgr.
David Maxwell Fred McDavid

FIRST SOUTHEASTERN . . . Fat Stock Show at Ocala, back in 1941, saw E. N. Stephens of Alachua show the grand champion. Here, 20 years later, Stephens is pictured with Louis Gilbreath, left, Southeastern general manager, and Mark Camp, right, the Southeastern’s president, in photo taken at the 1961 event in February.

in animal husbandry and nutrition. It is my intention to (study veterinary medicine at Auburn) this September (and later to practice in Florida).

My . . . veterans benefits (Korea) expire in June . . . I should greatly appreciate (any) information concerning individuals, groups, or foundations whom I might contact in receiving financial assistance which will enable me to continue my education. In return, I would be willing to (pay back) in cash or services rendered as might be desired.

Gary A. Crevasse

‘‘Anyone with information for this young man should contact him directly at 200-C Flavel III, University of Florida, Gainesville.’’

‘‘Invitational Auction’’ Conducted Weekly at Odessa’s Dixie D Ranch

BIDDERS AT Dixie D Ranch’s Invitational Auction, held weekly at Odessa near Tampa, can select from approximately 140 fed steers each Tuesday, reports Austin Davis, owner of the ranch.

No outside producers can sell at the auctions, but anyone interested in fed steers can certainly buy there, Davis emphasizes.

‘‘Right now, our sales are attended regularly by packers in the Tampa Bay area, with some coming from as far away as Jacksonville,’’ says Davis. ‘‘But the sales are open to anyone—large or small packers, locker plant operators, anyone who wants a fat steer.’’ Auctioneer is Wallace Cobb of Ocala, and the feedlots are supervised by Clarence Rhoades, ranch manager. Sale begins at 10 a.m. each Tuesday.

The feedlot is arranged to tie conveniently with the auction ring, so that a minimum of handling of cattle is requi...
Modern granulated Davco 3-G gives you fullest possible growth response

Farming in Florida is an art—requiring the best, most up-to-the-minute ideas and techniques. That's why so many knowledgeable Florida farmers, growers and ranchers are switching to Davco 3-G—the modern granulated fertilizer.

DAVCO 3-G gives you all the benefits of granulation—complete, uniform coverage—faster spreading—dustless—won't set up even in humid weather—and most important, plants get an even flow of complete plant food, all the Nitrogen, Phosphorus and Potash they need. Result—You get full plant growth, early maturity, heavier crops.

Davison maintains a staff of experts to help you with your special crop requirements. Call the Davison man nearest you today. He'll show you how to put modern DAVCO 3-G to work for you:

A. M. Kirkpatrick
P.O. Box 2363, West Palm Beach, Fla.
Victor 4-0414

T. R. Goodwin
109 W. 39th St., Fort Pierce, Fla.
HOWard 1-6201

A. R. Marsh, Jr.
P.O. Box 1265, Homestead, Fla.
Circle 7-2015

R. L. Childs
3805 Sunrise Blvd., Fort Pierce, Fla.
HOWard 1-7359

John R. King
802 Texas Court, Fort Pierce, Fla.
HOWard 1-6047

Hiram L. Swain
215 Hitekee St., Sebring, Fla.
EVERgreen 5-3381

R. L. Johns
141 E. Swoope Ave., Winter Park, Fla.
Midway 4-3438

C. C. Woolard, Jr.
802 Azalea Ave., Fort Pierce, Fla.
HOWard 1-7166

Manufacturers of Davco 3-G and Naco Brand fertilizers
Davison plant serving this area: Ft. Pierce, Florida. Phone HOWard 1-7020
CONTROL IS IMPORTANT IN BOWLING...

But CONTROL IS VERY ESSENTIAL IN USING TRACE ELEMENTS!

To score well in bowling you must control your first ball so that it hits in the 1-3 pocket — and keep it there through all ten frames.

More scientific control is essential in the use of minor trace elements. Not only must you put them in the "pocket" (root zone) and keep them there month after month — but with sufficient control to eliminate "burn."

Tracel limestone gives you that kind of complete control!

Tracel begins with high-calcium, high-quality Florida limestone. Then, it is fortified with F.T.E.* (Fritted Trace Elements) in a balanced formula that combines maximum plant nutrition with safety and economy.

Maximum nutrition — because the nutritive elements are constantly available to "feed" the plants when they need them.

Safe — because the rate at which the minor elements are released is scientifically controlled to eliminate toxicity or "burning" hazards.

Economical — because due to the slow solubility of Tracel limestone and F.T.E., they do not leach out during heavy rains; stay in the root zone through several growing seasons.

Whether you are a citrus grower, cattleman or truck farmer, you can improve your quality and yield with new, low-cost Tracel high-calcium limestone, with F.T.E. Get the facts today. Write for descriptive folder.

*Combined in F.T.E. are all six minor trace elements — boron, iron, manganese, zinc, copper and molybdenum — with slow solubility and resistance to toxicity on a controlled, predetermined basis.

NEW FEED MILL . . . will supply the large quantities of feed which some 20,000 head of steers and dairy cows will consume at Tropical Farms of Florida the former Durrance Ranch operation near Lake Placid. Photo shows T. J. Durrance, Jr., who manages the beef, dairy and vegetable operation, with personnel connected with The PDQ Company of Lakeland, which furnishes the mineral-vitamin supplement used.

ed, and bruising is reduced to a minimum.

Dixie D feeds good quality steers, purchased largely in Florida and Georgia. They are first put out on pasture, then put into a conditioning pasture near the feedlots, then into the feedlots, so that the weekly quota can be available in the auction ring. Animals move under the auctioneer's gavel at a rate of about two per minute, so that the entire sale consumes little over an hour, and buyers can attend public auctions the same day. Steers have been averaging around 1000 pounds, and grading Good and Choice, Davis reports.

First Aid—to Man and Beast—Stressed in News Releases

A new First Aid booklet for people, and another for animals, have been announced by two different manufacturers in news releases reaching THE CATTLEMAN.

For people, a pocket-size 16-page booklet titled "Your Family First Aid Manual" contains "emergency treatment instructions for everything from splinters to drowning" reports the Wedgewood Press of Roslyn Heights, New York, who will sell the booklets for 10 cents each, if order is accompanied by a stamped, self-addressed envelope. The booklet can be imprinted by firms wishing to give them out to customers or friends.

For the livestock, the makers of Vaseline—Cheesebrough-Pond's, Inc. — have made available a folder covering a variety of emergency treatments, from afterbirths to a torn nose, and not all involve Vaseline! Available free through ...
Trace elements in *fritted* form
make Florida soils more productive

Whether you grow fruit, vegetables, field crops or "beef on the hoof", it will pay you to check into the cash benefits you get with FTE (Fritted Trace Elements).

FTE contains boron, iron, manganese, zinc, copper and molybdenum—all the minor nutrients needed for healthy plant growth. Unlike soluble salts that leach out in heavy rains, FTE slowly releases these nutrients all through your growing season. Solubility is scientifically controlled. And you have no toxicity hazards.

More than a million acres of land will be made more productive this year through the use of FTE in fertilizers and limestone top dressings. Ask your dealer about these fine products . . . or send for free illustrated booklet.

---

*Results in FLORIDA are contributing to this GROWTH (Relative annual production of F•T•E*)

---

F a product of FERRO Corporation
Agricultural Div., Cleveland 5, Ohio
Distributed by Cummer Lime & Mfg. Co., Ocala, Florida
1961 Crop Is Here

Dehydrated Coastal Bermudagrass
14% Protein - 175,000 Units of Vitamin A
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Unidentifiable Growth Factors
64% T.D.N. or More

Chops are Excellent for Blending with Corn and Other
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P. O. Box 89—Phone 21602 Cairo, Ga.

New Ford 6000 tractor (see story here-
with) is largest ever built by Ford, de-
livers 60 drawbar horsepower, exerts 7000
pounds of drawbar pull.

CATTLEMAN. We'll send your order on
to the company.

"Big" Ford Is Newest of
Tractors—Just Out!

"EFFICIENT BIGNESS" is the description
Ford's Tractor and Implement Division
applies to present-day agriculture—and
to its new "6000" tractor—a six-cylinder,
five plow giant which weighs in excess of
five tons when fully loaded.

"Five years' work and more than $20
million have gone into the development,
testing and tooling of the largest and
most powerful tractor which Ford has
ever built," reports Merritt D. Hill, gen-
eral manager of the division.

Ford decided to produce a completely
new tractor—and the implements to go
with it—after a thorough study of agri-
cultural trends and the type of equip-
ment already available to large acreage
farmers, such as Florida has.

Three-point implement linkage is pro-
vided in the new tractor, plus an ex-
clusive hydraulic power accumulator
system called the "Powr-Stor," Hill re-
ports. Implements available for the new
tractor are: Five-bottom mounted plow,
five-bottom semi-mounted plow, three-
bottom two-way plow, mounted six-row
drill planters, four-row pull-type drill
planters, tool bar mounted unit planters,
and six-row front and rear mounted cul-
tivators.

The company believes the Ford 6000
can cut plowing, planting, cultivating
and other operations as much as 30
percent.

Joe Brown Joins Conner's
Public Relations Staff

FORMER ASSISTANT Editor W. Joe Brown
of THE CATTLEMAN, who has been in
similar capacity with the Agricultural
Extension Service at Gainesville since
leaving THE CATTLEMAN last July, has
been appointed Information Specialist
for the Florida Department of Agricul-
ture by Commissioner Doyle Conner.

Brown will assist Jack Shoemaker,
chief of the Information Section, in
handling editorial work, revising farm
bulletins and building a photograph file
on Florida agriculture.

Brown is a graduate in agricultural
journalism from the University of Flor-
da, and also worked on The Arca,

The Florida Cattleman
There's no substitute for performance in the fields. Growers and ranchers all over Florida are proving that it pays to use a quality fertilizer on their pastures. They know “it isn't how little a fertilizer costs, but how much it does that counts”. Florida-formulated Armour Vertagreen pays off big two ways. First of all you get thick, sustained growth enabling you to graze more cattle per acre for a longer period. Second, you get more nutritious forage—the kind your livestock will like and thrive on... making extra meat and milk profits for you. Try Armour Vertagreen and you’ll see that you can lower feed costs, raise profits. Contact your Armour agent soon, and prove to yourself... the PROFITABLE way... that Vertagreen is worth more because it does more!

There's An Armour Fertilizer For Every Growing Need

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Eaddy, L. J.
P. O. Box 285
Lake City, Florida
Phone: 3206

Fugua, H. L.
P. O. Box 413
Tallahassee, Florida
Phone: 224-7935

Smith, J. B.
P. O. Box 206
Newberry, Florida
Phone: CR-2-2356

Williams, W. S.
P. O. Box 342
Deland, Florida
Phone: IE-4-1116

Scott, J. E.
P. O. Box 1957
Vero Beach, Florida
Phone: JO-7-2263

Cochran, J. F.
P. O. Box 1112
Pompano Beach, Florida
Phone: WE-3-1660

Butler, G. C., Jr.
P. O. Box 2
Perrine, Florida
Phone: CE-5-4967

Braxley, J. T.
P. O. Box 352
Homestead, Florida
Phone: ET-7-6658

Anderson, M. D.
P. O. Box 983
Sebring, Florida
Phone: EV-5-0766

Barber, R. V.
P. O. Box 6
Palmetto, Florida
Phone: 6-2503

Beckett, W. W.
P. O. Box 710
Orlando, Florida
Phone: GA-3-980

Gotsch, O. H.
P. O. Box 301
Lake Hamilton, Florida
Phone: HA-2-4707

Keimper, D. R.
P. O. Box 154
Lakeland, Florida
Phone: EV-5-0766

McCormick, D. C.
P. O. Box 154
Ft. Myers, Florida
Phone: MO-3-7206

Pioneer, R. E.
P. O. Box 561
Bartow, Florida
Phone: 533-9717

Zellner, M. F.
P. O. Box 7
Floral City, Florida
Phone: PA-6-2085

These Armour field representatives stand ready to give the finest in fertilizer quality and service.
NOW'S THE IDEAL TIME TO BUILD HERD HEALTH WITH 'PERMACO' COBALT BULLETS!

Spring handling's the best time to start building up beef production after a rough winter! Bullet calves now for sturdier stockers . . . heavier slaughter animals . . . dose your cows for all-around herd health.

Put 'PERMACO' Cobalt Bullets to work right now to turn your poor-doers into good-doers and upgrade your whole herd! Read what other Florida ranchers say about 'PERMACO' . . . the once-a-year treatment that's building extra beef and dairy production from coast to coast.

Here's what your neighbors have to say about 'PERMACO'

"Five weeks ago I gave one of my cows a 'PERMACO' Cobalt Bullet. She is ten years old and has been very thin all her life. She has never been wormed or given any medicine. In this five week period on Pangola pasture I estimate she has gained 100 lb. I just could hardly believe it. It is now my intention to give 'PERMACO' Cobalt Bullets to my whole herd.

Riley Pridgeon, Pierson, Florida"

"You will be interested to know that I bulleted 100 head of yearlings. They were left on normal pasture and in spite of the continuous rains, weight gains have been obtained. After 90 days an average weight gain of 30 lb. has been achieved over the weight of unbulled animals. I recommend the 'PERMACO' Cobalt Bullets to all 'thinking' cattlemen.

Vern Cross, Foreman, Chastain Ranch, Indiantown, Florida"

"Several months ago I bought 4 head of two-year-old heifers. They were in a terrible condition; poor, thin, rough coat, and in fact just about dead. I gave 'PERMACO' Cobalt bullets to all but one of these animals. Within ten days after bulleting the heifers with 'PERMACO' they started to really eat and fill out. Within two months they were not the same animals. They were in terrific condition. The heifer who did not receive 'PERMACO' died a month later, even though she was receiving a good feed ration. I just bulleted another 75 head of heifers and steers. 'PERMACO' is a must on my ranch.

King Kong Smith, Wauchula, Florida"

"We dosed 18 head of our show cattle in preparation for the show circuit and the bullets were used mainly to give the animals a good slick coat and to sustain them during the traveling, etc.

Dosing took place on August 2nd and the animals were weighed on September 3rd. The average weight gain per animal in a period of only 30 days was 66 lb. which in view of their already excellent condition is truly amazing.

Mr. W. E. Campbell, Mgr. Bar D Ranch, Orlando, Florida"

'PERMACO' COBALT BULLETS

A Nicholas N Product

Distributed by:

Jackson Grain Co.—Tampa
Hector Feed Mills—Deerfield Beach, Miami, Okeechobee
Walter Harrison Veterinary Supply—Jacksonville, Miami
HERE'S WHY:
Your cattle need 'PERMACO' Cobalt Bullets.
Permaco Stops Ketosis and Salt Sickness . . .
Ends Rough Hair Coat . . . Builds Appetite and
Weight . . . Boosts Production . . . Lessens
Breeding Problems . . . Stamps Out Unthriftiness
and Low Hemoglobin!

This part of University of Florida's bulletin 513R proves that herd animals need a steady Cobalt supply for health! (From Table 5: Minerals which may be Deficient in Florida Range Cattle).

<table>
<thead>
<tr>
<th>Element</th>
<th>Function in Body</th>
<th>Gross Deficiency Symptoms</th>
<th>Supplemental Source</th>
<th>Requirements of Mature Cattle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cobalt</td>
<td>Rumen function; red blood cell formation; reduces pathogenic organisms in rumen' vitamin B12 synthesis.</td>
<td>Salt sickness; low hemoglobin; loss of appetite and flesh; rough hair coat; reproduction failure.</td>
<td>Cobalt either as chloride, sulfate or carbonate.</td>
<td>1 part of cobalt in 10,000,- 000 of dry feed; 0.23 gram of cobalt or 0.5 of gram cobalt chloride yearly.</td>
</tr>
</tbody>
</table>

The 'PERMACO' Cobalt Bullet, given once a year, is recommended as the easiest, surest, most economical way to satisfy daily cobalt needs.

NOW! LOWEST PRICE EVER!

'PERMACO' . . . the once-a-year health builder . . . now costs less than ever! Right now, you can bullet your entire herd for as little as 75c per animal. No wonder Florida ranchers rely on 'PERMACO' to give their animals the right daily supply of Cobalt at low, low cost.

PUT 'PERMACO' TO WORK ON YOUR RANCH . . . SEE YOUR VETERINARIAN OR ANIMAL HEALTH PRODUCTS SUPPLIER NOW FOR

'PERMACO' COBALT BULLETS
A Nicholas N Product

Distributed by:
Florida Seed & Feed Co.—Ocala
Stockmen's Supply Co.—Gainesville
Poultry Health Services—Jacksonville
Hardee Livestock Supply—Wauchula
Lanco
Pressure-Creosoted Fence Posts

Guaranteed to
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Available through your local dealer or write

The Langdale Company
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Send The Cattleman to Others!

Landowners
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Phone HEmlock 2-1201

Major Processor of Pine Stumps in Florida for 43 Years

Tree farm certificate was presented to Bill Loeffler at the Seminole County Cattlemen's Association meeting recently by Craig Bell, left, Kissimmee forester for Container Corporation of Fernandina Beach.

Publicity to Keep Agriculture Sound Is Cited as Need

Farmers are the victims of their own efficiency. In the eyes of the public, he is penalized—but it's for a job well done.

A public relations program is the answer, believes Robert C. Liebenow, president of the Chicago Board of Trade, which has always had a strong interest in agriculture.

How many of these facts do the public know, he asks:
- Farmers buy more steel than the auto industry does for passenger cars.
- Farmers produce 51 percent of industry's raw materials.
- Farmers employ more workers than the steel, transportation and public utilities industries combined.
- Investment in agriculture is over $20 billion, three-quarters of the current value of all corporations in the country.

Two-Color Folder on All-Grain Horse Feed Produced by Tuxedo

A new two-color folder on Tuxedo "Chop"—an all-grain feed for horses—has been published by Early and Daniel Tuxedo manufacturers, who maintain a mill in Tampa. Booklet contains care and feeding suggestions for riding horses, brood mares, suckling colts and older horses.

Color Movie on Meat Produced By Livestock and Meat Board

Go to your local movie theater if you'd like to see the National Live Stock and Meat Board's latest movie designed to reach more people with more information about meat.

Title of the new 15-minute movie, produced in 35 millimeter film, same as used by the theaters, is "The Adventures of Dudley Worthington." It is being scheduled at theaters by a commercial booking.
TROUBLE SHOOTIN’ TEAM

You, these Terramycin® Tablets with extra vitamins, and this FREE balling gun.

Here’s powerful help against scours troubles: Terramycin Scours Tablets plus this valuable balling gun. Makes it so much easier to protect calves.

That’s not all. Terramycin Scours Tablets also have Vitamins A and D and niacinamide—important nutrients calves need to get off to a good start.

Give Terramycin Scours Tablets right after birth. Helps head off scours and respiratory troubles. Treat for two or three days or as needed.

Trouble shooters? You bet! And not just when calves are born. Use Terramycin Tablets anytime scours or respiratory troubles threaten. The balling gun comes free when you buy the special package pictured. You get ‘em at your animal health supplier’s.

Chas. Pfizer & Co., New York 17, N. Y. Science for the world’s well-being®
Announcing - A NEW PHENOTHIAZINE DRENCH

For Ranchers Who Prefer A Quality Cattle Wormer Without Lead Arsenate


CONIBEAR PASTURE SPREADER

"GROUND DRIVE"

- One Man Operation
- Low Maintenance Costs
- 100% Belt Conveyor

The new Conibear Pasture Spreader offers many outstanding features, including test box and scales for accurate poundage setting; 30 ft. width of spread, plus adjustable to suit pattern requirements; a poundage range of from 50 lbs. to 3 tons per acre; drive from a two-speed truck axle for greater stability and weight distribution; conveniently located controls; twin distributor fans; and a solid body design made of 12 and 14 gauge steel mounted on 3/16" steel sills.

Pesticides Booklet Has Been Issued by Association

USE OF pesticide chemicals is an essential part of producing wholesome, nutritious food at present-day low prices, says the National Agricultural Chemicals Association—and to counter what they call "unfounded and sensational publicity adverse to the use of pesticides" a booklet titled "Pesticides and Public Policy" has been produced.

Many public health programs are threatened along with adequate food production, the Association points out. A limited quantity of booklets are available from the Association: 1145 Nineteenth Street NW, Washington 6, D. C.

BTUs COUNT . . . when you're comparing one fuel with another—and to measure BTUs you need a hydrometer like this, where the scale indicates whether the fuel in question is high in BTUs (lower, or green area), fair or medium (middle or blue area), or low (top or red area). Caterpillar Tractor Company recommends this to check on Diesel fuel purchases.
"Stilbosol gives us an extra 1/2 lb. daily gain"

"That's for both steers and heifers, too. I know that sounds high, but that's what I estimated they did last year," reports Jack Dunlap, Professional Farm Manager, Williamsport, Ohio.

"I quit feeding Stilbosol for a spell last year. Went back to it, though. Why? Because I'm in this business to make money and Stilbosol helps me make it.

"I own nine farms and manage another twenty-two. About 12,000 acres in all. We've got 800 cows and feed out 1,200 to 1,500 head of cattle a year. We also raise 10,000 hogs a year. We sell cattle every month. We've got to. And my steers never did better than this winter (1961)."

Jack Dunlap is a man who speaks with authority. He is a thirty-two-year veteran in the cattle feeding business and is past president of the Ohio Farm Managers' Association. He is also a member of the American Farm Managers' Association and a graduate of Ohio State University.

"You've got to keep abreast of things in this business. And that includes fertilizing for a good corn crop, good breeding practices, practical farm management; and you've got to take advantage of developments like Stilbosol. I'll tell you one thing. I know Stilbosol makes me money," Jack concluded.

After seven years, Stilbosol continues to give feeders an extra 15% gain on 10% less feed.
Fence Bill Fails; FCA Acts; New Foods Used

A stock fencing bill failed to pass the 1941 legislature, as a similar bill had been defeated two years earlier. Two carloads of milk cows and 7500 chickens were made available to farmers in Suwannee County through the Farm Security Administration. Tried successfully for fattening range cattle were enriched citrus pulp; also molasses, by-product of the sugar mills. The Alto Adams herd of 3000 to 3600 head west of Fort Pierce was acquired by George Bronson and Son of Kissimmee.

1946: Counties Rally; Sky Bird Champion

County referendums were held to test support for the new law, requiring fencing of all grazing livestock, which had finally passed the 1945 state legislature. Feed manufacturers were restricted in the use of wheat by a war food order; cereals, including rice, were scarce all over the world. Sky Bird, owned by Westbury and Rodeheaver of Palatka, became the undefeated Quarter Horse champion of Florida racetracks.

State 12th; Conner Named; Stock Imported

In 1951 when the census of beef cattle was tabulated Florida retained its 12th place among the 48 states. Orange County had a record 2045 first services of artificial breeding in 1950. A senior at the U. of F., Doyle Conner of Starke was named executive vice president of the Florida Association of Livestock Markets and set out to sell stockmen on the advantages of selling at auction. Clover pastures were initiated on eight Osceola County ranches under USDA auspices. A Plant City rancher imported Sussex cattle and Wessex swine, reporting his enthusiasm for them upon his return after several years in the army stationed in England.

1956: Prices Charted; Fla. Steer Wins in Texas

In April the CATTLEMAN showed a steady rise in carlot prices at Ocala and Jacksonville from an average of $9.72 per hundredweight in 1937 to $23.69 in 1956. A Florida-bred Polled Hereford owned by Minor S. Jones III, Fort Meade, was judged grand champion of the Livestock Exposition at San Antonio, Texas. Dr. C. L. Campbell was again appointed secretary of the Florida Livestock Board. The Florida Beef Council started its promotion program by distributing thousands of leaflets and supplying a series of slides to the 15 TV stations in the state.

THIS ANTIQUE was the latest thing when this photo was taken some years back! And when those steel wheels bogged, it was a big job. Photo was furnished to The Cattleman by Ed Moore, information officer for the Florida Forest Service, and came from their files. They've received our standard $2 for this photo, and the original has been returned undamaged. Have you sent yours in yet?
Quality is your best investment

What pasture fertilizer program gives the best beef gains?

Best beef gains are the result of plenty of good, lush, high quality pasture... pasture fertilized according to a long-range, well-planned program.

Your local Agrico fieldman is qualified to help you get started on your Agrico Program of pasture fertilization. Under the Agrico Program, recommendations are made by experienced Agrico Soil Service agronomists for your particular pasture conditions. They’re based on a study of your soil type and plant food content, your grazing program, your pasture field history.

For best beef gains, follow the recommendations included in your Agrico Program Report, using AGRICO fertilizers at the rates suggested. Then you can be sure you’ll get maximum returns from your fertilizer investment. Contact your nearby Agrico agent for more details.

Better results... the AGRICO Difference

THE AMERICAN AGRICULTURAL CHEMICAL COMPANY

Pierce (Polk County) and Pensacola, Fla.
Crossbreeding—a practice in the bulk of all Florida's commercial cattle herds—will get a lot of emphasis at the 10th Annual Beef Cattle Short Course at the University of Florida, April 20-22.

The program herewith will show when the various crossbreeding discussions and talks are scheduled. However, there will be 14 University of Florida and Experiment Station staff members who will handle various phases, and nine Florida cattlemen will discuss their experiences. Two Florida meat packers will give their experience in selling crossbred carcasses.

The Short Course will deal with all aspects of crossbred beef cattle, including topics on breeding programs, adaptability, milk production, mothering ability, hybrid vigor, digestibility of feeds, growth rate, weaning performance, feed lot performance, tenderness, gradeability and sales ability of crossbred carcasses, effect of temperature, humidity and other environmental factors on animal response, reproductive performance, blood and milk composition and many other related topics,” says Dr. T. J. Cunha, who heads the sponsoring Department of Animal Husbandry and Nutrition.

“That sounds like an awful lot—but the speakers will be brief, and we believe those attending will get a lot of information in a relatively short time,” Cunha adds.

Question and answer periods are features of every session, so everyone has an opportunity to secure an answer to the "unanswerable" matters which occur to them during the discussions.

Sponsoring the Short Course, along with the University, are the Florida Cattlemen’s Association, the Florida Beef Cattle Improvement Association, and the seven breeding associations—Florida Angus, Hereford, Santa Gertrudis and Shorthorn associations, and the Eastern Brahman, Brangus and Charolais and Charbray associations. In addition, the Alabama Cattlemen’s Association assists.

The crossbreeding work discussed will include all the experimental work done at the Main Experiment Station at Gainesville, and at the Range station at Ona, the Glades station at Belle Glade, and the West Central Florida station at Brooksville.

The Florida Cattlemen will present its "premier" awards to the purebred "most of the best" during the 1960-61 show season, and the Florida Bankers Association will present an award to the cattlemen doing the best job of Production Testing.

Out-of-state speakers will summarize crossbreeding work at Texas, Louisiana,

Short Course Program Has Many Features

**THURSDAY, APRIL 20**  
T. J. Cunha, Presiding

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:30</td>
<td>Registration Elsie H. Dunn</td>
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<tr>
<td>9:00</td>
<td>Welcome and Introduction T. J. Cunha</td>
</tr>
<tr>
<td>9:15</td>
<td>Value and Returns on Research Funds J. R. Bockenbach</td>
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<tr>
<td>9:30</td>
<td>U.S. Program for Selling Cattle in Foreign Countries D. L. Wilson</td>
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<tr>
<td>9:55</td>
<td>Potential for Improving Beef Cattle M. Koger</td>
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<tr>
<td>10:35</td>
<td>Recce</td>
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<tr>
<td>10:40</td>
<td>Cattle Developed from Crossbreed Foundation Animals E. J. Warwick</td>
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<tr>
<td>11:10</td>
<td>Cattle Response to Environmental Factors J. E. Johnston</td>
</tr>
<tr>
<td>11:40</td>
<td>Questions—All morning speakers T. J. Cunha, Chm.</td>
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<tr>
<td>12:15</td>
<td>Barbecue lunch (Block and Bridle Club)</td>
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**THURSDAY AFTERNOON**  
T. J. Cunha, Presiding

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>1:15</td>
<td>Premier Awards Bill Gephart Florida Cattleman Magazine</td>
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<tr>
<td>1:30</td>
<td>Florida Banker Award—Testing Program J. E. Pace C. H. Morris</td>
</tr>
<tr>
<td>1:40</td>
<td>Beef Market for Tropical-Sub-Tropical Areas M. Koger</td>
</tr>
<tr>
<td>2:10</td>
<td>Breeding Effect on Animal Physiology J. H. Knox</td>
</tr>
<tr>
<td>2:40</td>
<td>Blood Composition of Brahman and Hereford Cattle J. F. Hentges</td>
</tr>
<tr>
<td>2:50</td>
<td>Reproductive Performance in Breeds and Crosses A. C. Warnick</td>
</tr>
<tr>
<td>3:10</td>
<td>Recce</td>
</tr>
<tr>
<td>3:25</td>
<td>Questions—All afternoon speakers T. J. Cunha, Chm.</td>
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<tr>
<td>3:45</td>
<td>Talks and Question and Answer Period on each breed of cattle. Each breed group will meet in a separate room and the meeting will be conducted by the President of the Breed Association. Angus—Leonard Balaban, Bill Terry; Brahman—Louis Gilbreath, Gary Gayden; Brangus—O. F. Smith, Jesse L. Dewal; Hereford—John O'Donahue, Bill Miller; Santa Gertrudis—Howell C. Hyson, R. P. Marshall; Shorthorns—Jack Hooker, R. G. Heine; Charolais and Charbray—H. C. Douglas.</td>
</tr>
<tr>
<td>5:45</td>
<td>Barbecue Supper—A. Z. Palmer, J. W. Carpenter, H. L. Powe</td>
</tr>
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**THURSDAY EVENING**  
J. F. Hentges, Presiding

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00</td>
<td>Beef Cattle—Adapation to Areas of World (Slides) Ralph W. Phillips</td>
</tr>
<tr>
<td>8:00</td>
<td>Milk Production of Brahman and Hereford Cattle J. F. Hentges</td>
</tr>
<tr>
<td>8:15</td>
<td>Mothering Ability—Breeds and Crosses to Wesping W. C. Warnick</td>
</tr>
<tr>
<td>8:30</td>
<td>Recce</td>
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<tr>
<td>8:45</td>
<td>Physiological Basis of Hybrid Vigor in Beef Cattle, D. D. Hargrove</td>
</tr>
<tr>
<td>9:00</td>
<td>Digestibility of Feeds by Brahman and Hereford—J. F. Hentges</td>
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<tr>
<td>9:15</td>
<td>Effect of Breeding on Performance of Calves F. M. Peacock</td>
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<tr>
<td>9:30</td>
<td>Questions—All evening speakers J. F. Hentges, Chm.</td>
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</tbody>
</table>

**FRIDAY MORNING, APRIL 21**  
J. E. Pace, Presiding

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00</td>
<td>Crossbreeding with the British Breeds and Strains J. H. Knox</td>
</tr>
<tr>
<td>9:30</td>
<td>Results of Crossbreeding in Texas Trials J. K. Riggs</td>
</tr>
<tr>
<td>10:00</td>
<td>Crossbreeding in Louisiana; other S.E. States C. M. Kinead</td>
</tr>
<tr>
<td>10:15</td>
<td>Beef Cattle—Adapation to Areas of World (Slides) Ralph W. Phillips</td>
</tr>
<tr>
<td>10:45</td>
<td>Results of Crossbreeding in Georgia Trials W. C. McCormick</td>
</tr>
<tr>
<td>11:05</td>
<td>Effect of Nutrition Level on Weaning Performance W. G. Kirk</td>
</tr>
<tr>
<td>11:20</td>
<td>Feed Lot Performance of Crossbred Cattle F. M. Peacock</td>
</tr>
<tr>
<td>11:45</td>
<td>Questions—All morning speakers J. E. Pace, Chm.</td>
</tr>
<tr>
<td>12:15</td>
<td>Barbecue Lunch (Block and Bridle Club)</td>
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**FRIDAY AFTERNOON**  
A. C. Warnick, Presiding

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**FRIDAY EVENING**  
D. L. W. Woodman, Presiding

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**SATURDAY, APRIL 22**  
M. Koger, Presiding

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**Recommendations**

10:45 Practical Crossbreeding Schemes for Florida J. K. Riggs |
11:15 | Questions—With all Short Course speakers plus Louis Gilbreath, S. L. Crocket and Joe Crockett | T. J. Cunha, Chm. |
11:30 | Buses available to take interested parties to “Beef Research Unit.” |
Because no one protein block fits all conditions...

MoorMan’s makes 10 different blocks

It’s basic MoorMan philosophy that every Mintrate* product must fit a basic need. MoorMan’s knows that the amount and quality of roughage vary—soil and water conditions differ. Size, age and condition of cattle are not alike. Every one of these differences can have a bearing on how much concentrate cattle will eat, the gains they will make, or the calf crop they will produce.

Because mineral, vitamin, protein and antibiotic requirements differ, they must be considered for each of these variations.

**MoorMan’s the originator of protein blocks, has done something about it.** They now make Mintrate Blocks to 10 different formulas—each designed to fit a specific feeding situation and range or pasture condition, average, good or sparse. All are available with normal or high-level of Vitamin A to suit your feeding conditions.

MoorMan Mintrate Blocks can be self-fed—scattered on the range or pasture, or in bunks. Cattle will adjust consumption to their need. Your MoorMan Man can help you select which Mintrate block—or combination of Blocks—will fit your situation best and give you the best results.


**MoorMan’s**

Since 1885

Good Results Through Research and Service

MOORMAN MFG. CO., QUINCY, ILL.
All About Beef
Identification, Buying, Cooking, Nutrition

Teaching...

About Beef

This 22-page booklet, prepared and printed by the Florida Beef Council, is distributed to home economics classes, to new brides and whenever there is a use for lessons on identification, buying, cooking and nutritive values of BEEF. Hundreds were sold to the public through cooperation of food editors in Florida.

Dimes from Cattlemen
make this and many other beef promotion activities possible.

The Florida Beef Council is an example of an industry helping itself to prosper.

Florida Beef Council
P. O. Box 646
Kissimmee, Florida

Yes, I want to help sell MORE FLORIDA BEEF at BETTER PRICES. Send me my voluntary deduction form.

Name
Address
City State

Florida Beef Council
P. O. Box 646
Kissimmee, Florida

The Promotional Arm of the Florida Cattlemen's Association

This advertisement sponsored by The Florida Cattleman.
Pulpwood production in Florida

Pulpwood production in Florida's coastal counties is expected to reach almost two million cords in 1961, according to the United States Department of Agriculture.

The expansion is driven by the demand for pulpwood, which is used to produce paper and other pulp products. The increase in production is expected to continue, with new mills being constructed in the Southeastern United States.

The expansion is also being driven by the increasing demand for paper products, which are used in a variety of industries, including printing, packaging, and construction.

The expansion is expected to have a positive impact on the local economy, creating jobs and boosting economic growth in the region.

For more information on pulpwood production and the demand for paper products, please contact the United States Department of Agriculture.
Show Results Given for February Cattle Shows

Three livestock shows in Central Florida at the end of February and beginning of March—the Kisimmee Valley Show, the beef cattle show of Central Florida Fair at Orlando, and the livestock competition at Pinellas County Fair, Largo—brought out area breeders vying for position and awards with their entries in the livestock competition.

An upcoming event is the Fat Cattle Show and Sale at QuinCY April 4-6, with the first day reserved for entries. Judging begins Wednesday, April 5, at 10 a.m., with FFA and 4-H judging contests set for 10:30, showmanship finals that afternoon, and the sale begins at 10 a.m. Thursday, April 6.

Detailed results of the three shows can be found as follows: Brahman, page 46; Santa Gertrudis, page 60; Charolais, page 49; Shorthorn, page 50; Angus, page 52; Herefords, page 42. Dairy show results at Largo are on page 80.

Kisimmee...

BRAHMANS predominated in the 17th Kisimmee Valley Livestock Show, held February 22-26 in the show pavilion near Kisimmee, followed by goodly numbers of Santa Gertrudis and Shorthorns, and lighter representation of Hereford and Angus breeds.

Leading adult champions, listed by breeds, were as follows:
Brahmans—Grand champion bull: Keys Resoto Mano Jr. 816, Clyde J. Keys, St. Petersburg; Grand champion female: WHS Miss Rex 43911, W. H. Stuart Ranch, Bartow; Reserve grand champion bull: ADS Hampton de Imperator, A. Duda and Sons, Cocoa; Reserve grand champion female: ADS Empress de Mano 93/1, Duda.

Santa Gertrudis—Grand champion bull: Primero, Palmer Ranch, Sarasota; Grand champion female: VLR Conchita, Velbertan Lake Ranch, Odessa; Reserve grand champion bull: VLR Rojo, Velbertan; Reserve grand champion female: Gloria, Palmer;

Shorthorns—Grand champion bull: Oakwood Watchman, Smith Ranch, Winter Haven; Grand champion female: Sandoon Princess Norma, Smith; Reserve grand champion bull: Jacklen Red Robin, Jacklen Farms, Plant City; Reserve grand champion female: Marel-bar Clipper Ella 6th, Smith;

Angus—Grand champion bull: Sinkolamere 23, Sinkola Plantation, Thomasville, Georgia; Grand champion female: Fannie Bess 10 of Bray’s Island, Sinkola; Reserve grand champion bull: Sinkolamere 5826, Sinkola; Reserve grand champion female: Blackbird of Sinkola 3, Sinkola.

Largo...

CHAROLAIS led the field at Pinellas County Fair, Largo, February 27-March 4, and there was a good number of entries in Brahman and Angus, with a lighter showing of Herefords. DS Ranch, Clearwater, showed the champion steer. Top champions of beef cattle breeds and dairy breeds follow:
Charolais—Grand champion bull: Jumper 108, DS Ranch, Clearwater; Grand champion female: Minette, Lazy W Ranch, St. Petersburg; Reserve grand champion bull: Mr. Theodore DS 182, DS Ranch; Reserve grand champion female: Miss Theodore DS 189, DS Ranch.
Brahmans—Grand champion bull: Prince George, Tampa Ranch, Tampa; Grand champion female: Star, Tampa.

(Continued on page 48)
Now Jefferson Island Champion’s Choice Salt has all eight of the trace minerals your cattle must have to stay healthy and strong and make top grade.

And there’s an unlimited supply in our Tampa warehouse, no more than 24 hours from any herd, farm supply dealer, or custom feed mixer in Florida. Ask him for Jefferson Island Champion’s Choice Trace Mineralized Salt... in blocks and bags.

Every ounce of this scientifically mixed mineralized salt contains all these trace minerals:

1. **Chlorine**... needed for normal cell metabolism and the secretion of gastric juices.
2. **Cobalt**... an important part of vitamin B12. Aids in assimilation of feed, protects against anemia and loss of appetite.
3. **Copper**... an important part of enzyme systems. Turns iron into hemoglobin. Aids in better growth and reproduction.
4. **Iodine**... an important for growth, prevents animal goiter or big neck, controls the metabolism.
5. **Iron**... essential in the production of red blood cells, required for a healthy liver and in certain enzyme systems.
6. **Manganese**... required for big milk flow and better reproduction, helps produce sound bone growth, aids in assimilation of feed.
7. **Sodium**... important in maintaining proper balance in blood serum, aids cell metabolism.
8. **Zinc**... required by liver, brain, sex organs, spleen, and kidneys, important in digestion of carbohydrates.
**FLORIDA'S ESTIMATED CATTLE POPULATION**

Florida's estimated cattle population dropped nearly 400,000 between January 1, 1960 and January 1, 1961, according to the estimates which the U. S. Department of Agriculture made then and those it has made this year. However, USDA now figures it made an error on the January 1, 1960 figure—and apparently on those for several years prior to that. These revised figures show a cattle population—both beef and dairy—of 1,990,000 as of January 1, 1961. And USDA estimates that the actual figure a year previous was 1,629,000, instead of the 1,990,000 estimated at that time.

The revisions were not limited solely to Florida; however, this state showed one of the most startling drops of any in the union. Reason for the change apparently was the U. S. Census of Agriculture completed in the Spring of 1959 by the Department of Commerce, which showed populations well below those previously estimated by USDA.

President Louis Gilbreath of the Florida Cattlemen's Association recommends that cattle owners exercise care in basing production or marketing programs on any belief that there is a shortage of cattle. “It is very difficult to

### Beef Cattle

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<th>Heifers</th>
<th>Calves</th>
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### Dairy Cattle

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*The Florida Cattlemen*
### Numbers Drop

**By Approximately 400,000!**

The beef cattle population today is approximately 1,252,000, compared to last year’s estimate of 1,574,000. Dairy cattle population is now estimated at 344,000, while a year ago it was thought to be 416,000.

Texas is still Number One in numbers of all cattle, and in numbers of beef cattle. Florida dropped from 14th in number of beef cattle to 18th, and from 18th to 25th in numbers of all cattle, as USDA now sees things.

Conservationists say that Americans now use at least 400 percent more water every day than they did in 1900, and estimate that water needs may double by 1975.

<table>
<thead>
<tr>
<th>State</th>
<th>Cows Heifers</th>
<th>Heifer Calves</th>
<th>Rank M Hdl. Plus or</th>
<th>Value M $</th>
<th>Per</th>
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<td>125</td>
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*Estimates are not based on population figures, but on output of dairy and beef cattle.*
Congratulations to all 4-H, FFA Winners at the Fat Stock Show!

The Florida Fat Stock Show and Sale which was held in Tampa recently was a big success. The 4-H Reserve Champion owned by Wendy Banks of Tampa was bred by Dundee Ranch. Deborah Tamargo, Tampa; Randy Medard, Seffner; and Turkey Creek FFA of Dover won prizes in the “Table Beef Contest” with Dundee bred steers. Dundee Ranch is proud of these youngsters.

20 Bred Heifers To Be Sold . . .

at the 3rd Annual Jubilee Sale, Palmetto, Florida, May 12th. All 20 heifers consigned by Dundee Ranch are of the highest quality and have been bred either to Whitneymere 150th (above left) or Perthonian 3d, our 100% Scotch bred bull (above right). These bulls are two of the South’s finest. Come early.

IT PAYS TO KEEP YOUR EYES ON . . .

Dundee RANCH

Lake Fern Rd. • Lutz, Florida • Ph. Tampa, WEBster 9-5201
RALPH J. and GWEN CORDINER, Owners • CHAS. MOORE, Mgr.

Certifed T.B. and Bang’s Tested Herd

Taxwise Cowman:
Your Will May Cost You Money!

by DOYLE E. CARLTON and MICHEL G. EMMANUEL

Our friend Buck, the Taxwise Cowman, was resting easy in his lawyer’s office enjoying a good Tampa cigar. It was a beautiful Spring day and both men were gazing out of the window at the green Florida landscape.

“Well, Buck,” the lawyer said, “we can get started on your will now any time. Suppose you tell me how you want to leave your property.”

“I don’t know much about the different ways to leave property, but I have a notion that I’d like to have Mama get everything, at least for her lifetime. I want you to fix it so inheritance taxes won’t eat it all up.”

The lawyer blew a ring of cigar smoke and watched it drift slowly out the window. “There are two ways we can approach this thing, Buck,” he said. “We can try to achieve an over-all tax saving taking into account both of your deaths, or we can cut down the tax on the estate of the first to die at the expense of a higher tax when the second one passes on. Since we incorporated your ranch and divided up the corporate stock between you and your wife, your estates, after deducting debts and probable expenses of administration, are about equal. Yours amounts to $380,000 and hers comes to $350,000. As I compute it, the combined estate tax payable on your death and your wife’s death would be lower if you each by-passed the other and left all your property directly to the children. If you did that, the tax on your estate would be $81,940 and when your wife died the tax would be $73,300. This adds up to a combined tax of $155,240.

“Now let’s take a look at what would happen if you left everything to your wife as you suggested earlier. Assuming that you die first, your estate would be entitled to the marital deduction and only half of your wife’s property would be taxed; but your whole estate would be added to your wife’s estate and taxed when she dies. The result would be a considerable tax saving on your death but a whopping big tax when your wife passes away. For example, using the marital deduction would cut your tax to $28,660, but would increase your wife’s tax to $177,000 when she dies. This is a total of $205,660 which you can see is $50,420 greater than if each left all of your property to the children.

“An acceptable compromise,” the lawyer continued, “would be for each of you...
MORE CATTLEMEN TO SEE THE RESULTS of Feeding BEST MAID PASTURE BALANCER

BEST MAID PASTURE BALANCER is a distinctive one-package program which furnishes a multiple source of rich proteins, essential minerals and vitamins... all masterly blended to give a fully balanced ration. BEST MAID PASTURE BALANCER fed free-choice Is All You Need to feed in addition to your available grass and roughage to maintain and increase profitable livestock production. Not even salt is necessary.

Prove to yourself... like so many cattlemen in South Georgia and Northern Florida have... that the BEST MAID PASTURE BALANCER program CAN — SAVE YOU MONEY and MAKE YOU MONEY. It has proven to be one of the most practical and profitable ways known to raise livestock in this area today.

GET THE FACTS TODAY!

WRITE FOR FREE LITERATURE AND COMPLETE INFORMATION ON THIS PROVEN... PROFIT MAKING PROGRAM

MIXON MILLING CO.
PHONE 2-3092
CAIRO, GEORGIA
140 FAT STEERS OFFERED AT AUCTION EVERY TUESDAY

AT THE
DIXIE D RANCH

Tampa, Fla.
Sale Starts at 10 A.M.

Attention, Packers!

All meat packing companies and frozen food locker plants are cordially invited to send buyer representatives to bid at our weekly auctions. You will be assured of the opportunity to bid on a consistent, uniform supply of steers fattened in our own feed lot for each weekly sale. Animals grade good to choice.

Wallace Cobb, Ocala, Auctioneer
Clarence Rhoades, Ranch Mgr.

DIXIE D RANCH
Patterson Road (6 mi. N. on Race Track Road at Oldsmar)

Austin Davis, Owner
Tampa, Florida

ROM Shows Listed

The American Hereford Association has announced Six Register of Merit livestock shows for 1961-62. They are the Mid-South Fair at Memphis; Grand National Livestock Exposition in San Francisco; International Livestock Exposition at Chicago; Eastern National Livestock Show, Timonium, Maryland; National Western Stock Show at Denver, and the Southwestern Exposition and Fat Stock Show at Fort Worth.

To qualify for ROM points, exhibitors must compete in a qualifying show—in most cases state fairs—and must show at two ROM shows, it was announced.

There are 3,703,642 farms in this country, according to the 1960 farm census just released.

34 The Florida Cattleman
In announcing our newest feed product—HECTOR’S CATTLE BOOSTER—we are really excited over the great potential it has for giving real help to our customers. Formulated for us at Ultra-Life Laboratories especially for Florida conditions, CATTLE BOOSTER is highly fortified with vitamins, minerals and special ingredients that make it highly palatable to cattle. The new formula is like a spring tonic to animals that have been off feed and need an appetite stimulant.

- For Use in Weaning Calves
- Starting Cattle in Feed Lot
- For Use Under Stress Conditions
- For Animals That Are Off Feed

The testing program at Ultra-Life Laboratories has convinced us that this is a booster that will satisfy the Florida cattleman’s need for helping his herd recover from winter grazing conditions. The multi-purpose formula is also just right for use in weaning calves and starting steers on a feed lot program. Call one of our representatives today, or order from our Deerfield Beach or Okeechobee plants.
'60-61 Premier Winners!

Florida Cattleman computations reveal exhibitors who scored the most points during the Florida show circuit

The 1960-61 contest for The Cattlemen Premier Awards has been officially tabulated and now it can be told which purebred herds were exhibited in the greatest number of shows for the greatest number of points, and which were the individual cattle scoring highest in Florida's competitive livestock shows.

This is the fourth consecutive year for the painstaking job of compiling statistics from the announced results of all the shows so that our readers may be informed of the total results of livestock competition entered into by stockmen of Florida throughout the year. Results are scored after every show according to a system of points which is explained at the close of this article. Compilation of the points they earned during the season reveals the "premier exhibitor" in each of the seven breeds represented by the individuals entered in various classes at big and little fairs and shows through the state.

The "premier bull" and "premier female" of each breed is shown in the number of points they earned in each instance. This year, as last, out-of-state exhibitors who showed their cattle at Florida shows were included in the reckoning and judged eligible for premier awards along with those from within the state.

The Cattlemen points out that the premier award point system is not intended as a device to ferret out any "super champions" and that the premier animals were not necessarily champions at every show. They are simply the individuals scoring the most points as judged in their classes at the greatest number of Florida shows this season.

Certificates will be presented to winners of the premier awards by a representative of The Cattlemen at 1:15 p.m. on Thursday, April 20, during the University of Florida's Beef Cattle Short Course at Gainesville.

And now, here they are—the 1960-61 Premier winners, by breeds:

Angus...

Sinkola Plantation of Thomasville, Georgia, garnered a lion's share of Angus premier honors as Premier Exhibitor and winner of both the Premier Bull and Premier Female titles.

Sinkola's Sinkolamere 23 was the Premier Angus Bull, and their Fannie Bess 10 of Brays Island topped the field as Premier Angus Female.

Florida's M & M Ranch, Loxahatchee, finished in second place for exhibitor honors, and third was Cattle Valley Farm of Hurstboro, Alabama. Complete results and point totals appear on page 52 of this issue.

Brahman...

Brahman breeders A. Duda and Sons of Cocoa were the Premier Exhibitors and showed the Premier Brahman Female, ADS Empress de Manso 93/1.

Bar D Ranch, Orlando, owned by T. M. Deal, was in second place in the premier exhibitor competition, and W. H. Stuart Ranch, Bartow, came in third.

The Premier Brahman Bull was Keys Resoto Manso Jr. 816, owned by Clyde J. Keys of St. Petersburg.

Complete tabulation of The Cattlemen's premier Brahman awards can be found on page 46 of this issue.

Charbray...

Mrs. Selma McCowen of Zephyrhills captured the Premier Charbray Exhibitor title for the 1960-61 show season, and showed the Premier Charbray Bull, Mr. Pasco 997.

K Bar Ranch, Zephyrhills, finished in second place for premier exhibitor honors, and showed the Premier Charbray Female, Miss Pasco 845.
DS RANCH... of Clearwater had the premier Charolais bull winner, as a result of show wins.

Other results and total points for Charolais competition appear on page 48 of this issue.

Charolais...

D. A. AND W. A. Salls' DS Ranch of Clearwater emerged from the season's shows as Premier Charolais Exhibitor and owners of the Premier Charolais Bull, Jumper 108 and the Premier Charolais Female, Miss Theodore DS 199. Lazy W Ranch, St. Petersburg, owned by Mr. and Mrs. Otto Weaver, was second in the premier exhibitor contest, and E Bar Ranch of Zephyrhills came in third.

See page 48 of this issue for complete results and tabulation of points for this breed.

Hereford...

An out-of-state exhibitor — Callaway Hereford Farm of Hamilton, Georgia—captured top honors this year as Premier Hereford Exhibitor at Florida shows. Callaway also showed the Premier Hereford Bull, CHF Shadow Heir 16. Jo-Su-Li Farms of Colquitt, Georgia, came in second in the premier exhibitor competition, and showed the Premier Hereford Female, JF Zato Heiress 531.

Third among premier exhibitor contenders was Shuman Hereford Farm, Plant City.

Complete Hereford results and point totals will be found in this issue on page 42.

Santa Gertrudis...

Mr. AND Mrs. W. W. Leavine's Velbert...

PALMER... Ranch of Sarasota had the Santa Gertrudis premier bull for the 1960-61 show season.

SMITH RANCH... of Winter Haven is the owner of the premier Shorthorn bull winner.

SHORTHORN... premier female for the 1960-61 show season was another Smith Ranch entry.

Our System...

The CATTLEMAN staff attempts to cover every livestock show of any consequence held in Florida, and the results are published in THE FLORIDA CATTLEMAN.

The "premier" points are a compilation of scores made by exhibitors and individuals at each show. The point system established four years ago at the beginning of the "premier" competition has been continued, with five points for a grand champion. Reserve champions, (also junior champions and senior champions, if awarded) receive four points. First place entries, along with reserve...
Husky 5-plow diesel...6-cylinder smoothness

Ford goes BIG in a great BIG way!

**NEW!** 5-plow power...6-cylinder engine for BIG farming jobs. Nearly 5 tons of working weight.

**NEW!** Powr-Stor hydraulic system. Only the Ford 6000 stores hydraulic power, available for instant peak-load use. Only the Ford 6000 can deliver full hydraulic power at any operating speed. Smooth hydraulic power at all times.

**NEW!** Power brakes, disc type, oil cushioned. Always in balance, with equalized braking pressure for safe, quick stops. Never need adjusting. Smooth and responsive...light pedal pressure does it!

**NEW!** Dual range PTO. The Ford 6000 offers both 540 and 1000 rpm PTO speeds each at two different throttle settings. Delivers up to 20% more power for heavy PTO work; up to 25% savings in fuel on light PTO jobs.

**NEW!** Only Ford tractors have on-the-go shifting to any speed at any time—without stopping...without clutching. Easy-to-move gear selector lever on dash forward, 2 in reverse. Only Ford has Select-O-Speed...proved by over 6 million hours of operation!

**NEW!** Quick-adjustable steering wheel. The steering wheel raises and swings forward for stand-up driving; lowers and swings rearward for sit-down driving. This, with power steering, gives the easiest steering ever.

**NEW!** "Control center" operating ease. Most comfortable seat ever, adjustable to your height and weight. Large, flat platform. Easily operated power brakes; fingertip power steering easy "flick of the wrist" shifting.

**NEW!** Multi-Trol adjustment of hydraulic draft control...and much more. Rear wheels are power adjustable to wide 90 inches. Big 26-gallon fuel tank. Heavy duty 3-point hitch. Luminous instrument panel. Thinline hood design.

---

**Forester Shows Way To Pine Gum Profit**

The highest price offered in many years for turpentine gum, $41 a barrel, is encouraging Florida landowners to go into gum farming or to lease their forested acres to other operators. But A. S. Jensen, assistant farm forester with the state extension service, warns against running good stands of young timber for a quick profit.

Gum farmers can realize a good profit if they select trees to turpentine that will need thinning in three to five years, the forester says. Only trees at least nine inches in diameter should be cupped, using the bark chirping with acid method. Jensen adds that in the long run it is unwise and unprofitable for a small grove smaller than nine inches. He advises landowners to call on a qualified naval stores conservation program forester, or on county agents or farm foresters, for aid in starting gum farming, or before leasing gum privileges to others.

**Jack Jones Elected**

Jack Jones was elected president of the Suwannee County Cattlemen's Association at the annual meeting January 26. Elected to serve with him were Curtis Griffin, vice president, and Paul Crews, secretary-treasurer.

W. O. Harst, Jr., Bob Holmes, J. D. Odell, C. L. Johns, and Roy Kelly were elected to the board of directors.
WANT TO SAVE A HUNDRED?
($100 or more)

You, like many other cattlemen in Florida, can save a hundred dollars per mile on your fencing jobs—by using UNIVERSAL FENCE STAYS.

WHY? Because the use of UNIVERSAL FENCE STAYS will eliminate the need for every other of the usual posts.

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COST? Only a fraction of the cost of a post. (Less than the cost of labor to install a post).

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Hereford Men Elect Quinn

C. W. QUINN, Jacksonville, was elected president of the Florida Hereford Association at the group's annual membership meeting February 27, succeeding John R. Culbreath of Brooksville. The meeting was held at the Brahma Restaurant in Ocala.

Other officers elected were Joe Overstreet, Kissimmee, vice president; and Mrs. C. W. Quinn, Jacksonville, secretary-treasurer.

Culbreath was appointed to a board of directors with terms expiring in 1962, along with R. W. Shuman of Plant City; W. F. Snead, Alachua; E. D. Gregory, Dismore; and G. H. Williams, Island Grove. Directors whose terms expire in 1961 are Frank Penble, Jr., Leesburg; L. T. Langford, Plant City; T. Noble Brown, Webster; and George Zellner, Floral City.

The main speaker was Colonel H. C. Anderson of Tampa, U.S. Air Force Reserve, representing the General Telephone Company. An expert photographer, the projected slides showing the scenic beauty of the West.
Yes, we are happy to announce that JF Zato Heiress 531 has been named the Florida Premier Hereford Cow for 1960-61.

Other accomplishments of our show herd in Florida during the year are:

- Nine Grand Championships
- Three Reserve Grand Championships
- Seventeen First Place Awards
- Twelve Second Place Awards
- Ten Third Place Awards
- Winning Get of Sire in Two Florida Shows

We feel that this is a good indication that we are producing the type Herefords that you want. And we would enjoy the opportunity to show you the producers of this outstanding show herd. Come by and see 531 (she’s back in the brood cow herd now) and our other good Herefords.

JO-SU-LI FARMS
Clarence Cross
OWNER

Tuberculosis Certificate 158
All Calves Vaccinated and Herd Brucellosis Accredited (Certificate 131)

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Parasite infested livestock recover fast after Paritrope treatment. They resume weight-gaining promptly, get back into top condition quickly to produce extra profits. Contains no phenothiazine. Approved for beef and dairy cattle, sheep and goats. U. S. Patented. Bring your livestock problems to us for FREE consultation service.

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For dosing and vaccinating. Adjustable up to 10 cc so exact dosage can be repeated.

We carry a COMPLETE LINE OF LIVESTOCK REMEDIES

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Hereford Premier Winners

POINT TOTALS for the top three Hereford exhibitor computations, and for the top five in the premier Hereford bull and female totals, based on livestock shows held in the state during 1960-61, were as follows, (see page 36 for further information):

Premier Exhibitor
1. Callaway Hereford Farm, Hamilton, Georgia ............ 17,996
2. Jo-Su-Li Farms, Colquitt, Georgia .................. 16,634
3. Shuman Hereford Farms, Plant City .................. 10,510

Premier Hereford Bull
1. CHF Shadow Heir 16 (Callaway Hereford Farm, owner) .... 2694
2. Zato's Silver Heir 525 (Jo-Su-Li Farms, owner) ........ 2396
3. FO Battle Intense 64 (Jo-Su-Li Farms, owner) ........ 2352
4. CHF Silver Aster 1 (Callaway Hereford Farm, owner) .... 1300
5. CHF Silver Shadow 1 (Callaway Hereford Farm, owner) .... 1218

Premier Hereford Female
1. JF Zato Heiress 331 (Jo-Su-Li Farms, owner) ........ 1808
2. Lady Rollo 257 (Melin Brothers, Griffin, Georgia, owner) . 1622
3. SHF Miss Questor 1 (Shuman Hereford Farms, owner) .... 1460
4. CHF Miss Tone 8 (Callaway Hereford Farm, owner) .... 1378
5. CHF Miss Silverette 49 (Callaway Hereford Farm, owner) .... 1230

Hereford Show Results Listed for Kissimmee and Pinellas Events

IN HEREFORD showing at the Kissimmee Valley Livestock Show and the Pinellas County Fair at Largo, the following winners (which are listed in order by classes with number of entries in parentheses) were selected:

Kissimmee

Senior yearling bulls (1)-CH Beau Gwen 23 (senior champion), Rawl Overstreet, Kissimmee; Junior yearling bulls (5)-SHF Larry 7 (grand champion, junior champion), Shuman Hereford Farms, Plant City; SHF Questor 3 (reserve grand champion, reserve junior champion), Shuman; Red Bud Draldo, Billy Peoples;

Jr. heifer calves (2)-SHF Zato 1, Shuman; KHR Super Heir 7, Bernard Kirkland, Ft. Lauderdale; Summer bull calves (1)-SHF Zato Mixier, Shuman;

SHF Silver Heifer 525 (Jo-Su-Li Farms, owner);

Junior heifer calves (2)-SHF Questor #1 (grand champion, junior champion), Shuman; SHF Miss Questor 2, Shuman;

Senior heifer calves (2)-SHF Questor #1 (grand champion, reserve junior champion), Shuman; SHF Miss Questor 2, Shuman;

Junior heifer calves (1)-Unnamed, Joe Kirk-

SHUMAN . . . Hereford Farm had the champion bull at Kissimmee, shown here with Eugene Kilpatrick.

CHAMPION . . . Hereford female at Kissimmee was another Shuman entry, shown here by Eugene Kilpatrick.

BLUE CREEK . . . Ranch exhibited the grand champion Hereford female at Largo, shown here with Joan Snyder.

CHAMPION . . . Hereford bull at Largo was another Blue Creek entry, shown with Joan Snyder at the halter.

The Florida Cattlemen
We're mighty proud of the good show record compiled by our CHF Shadow Heir 16 which won for him the honor of being named Premier Hereford Bull of Florida for 1961. He is truly an outstanding young Hereford bull and we enjoyed showing him and the rest of the show herd at Florida shows during the past season. The production unit which produced our show animals—our cow herd—is one of the largest and we believe it to be one of the best selected in the South.

... and we're also proud to have been named Florida's 1961 Premier Hereford Exhibitor

WE CORDIALLY INVITE YOU TO VISIT US ANY TIME

We always have top quality Herefords for sale.

CALLAWAY HEREFORD FARMS

CASON J. CALLAWAY, Owner

HAMILTON, GEORGIA
Practical Polled Herefords
Over 1000 lbs. of beef in 365 days. Heaviest calves in the State Program out of a total of 2640 weighed. No nurse cows. No dwarfs. Visitors welcome.
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HERD SIRES: Windsweep Victor (Zil), Windsweep Legend, JFG Domestic Mischief 172, and Windsweep Lamp 2
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Milk * Weight * Pay on grass
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PLANT CITY, FLORIDA
MEMBER: Florida Hereford Association

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SARASOTA, FLORIDA

Summer Appointed
RALPH SUMNER of Tampa has accepted appointment from the Florida Cattlemen's Association as general chairman for the American National Cattlemen's Association convention, which will be held in Tampa next January.

Sumner's appointment was announced by FCA President Louis Gilbreath, and was made by the executive committee of the state association.

"There are other committees which will be needed to put over this big undertaking," Gilbreath pointed out. "We certainly hope that all who are asked will assist Ralph Sumner so that we can present a truly outstanding convention."

Largo
Junior heifer calves (1) — R.F. Mischief Domino 29, Orange Blossom Groves, Largo;
Junior yearling heifers (1) — Caw Caw Heir 22 (grand champion), Blue Creek Ranch, Tarpon Springs; J. F. J. Battle Intense 556 (reserve grand champion), Blue Creek;
Junior heifer calves (2) — J. F. Zato Heifer 24, Blue Creek; J. F. Zato Heifer 20, Blue Creek;
Junior yearling heifers (1) — J. F. Miss Intense 6569 (grand champion), Blue Creek;
Aged cow (1) — R. F. Zato Heifer 290 (reserve grand champion), Blue Creek; CMR Rosellette 18, Orange Blossom; CMR Rosellette 181, Orange Blossom;
Pair of yearlings (1) — Blue Creek.

Circle A Ranch Sale Slated for April 25
BRUCE PURDY, owner of the Circle A Ranch at Warthen, Georgia, will offer 50 Herefords strong in Victor Domino breeding in the second annual production sale at the ranch on Tuesday, April 25.
Included are 18 bulls ready for service and 32 females, 18 of them bred, and four first calf heifers. Most of the bulls, and all of the females, have been calfhood vaccinated.

Purdy, formerly manager of Circle A Ranch, purchased the ranch and herd recently from Mr. and Mrs. J. C. Archer. Retained in the bull battery is FER Victor Anxiety 15th, sire of CA Victor Anxiety 34th, Florida's Premier Bull of the 1959-60 season.

Livestock Judging Finalists in Test
The 12 finalists in 4-H livestock judging contests at the Florida State Fair will compete at Gainesville April 8 for four places on a team to represent the state at Chicago in November.
14 counties and the Seminole Indian Reservation are represented in the competition, which is to be held at the University of Florida.
Circle A Ranch
2nd Annual Production Sale
Tuesday, April 25, 1961

Selling 50 Lots

18 Bulls
All are ready for heavy service—and most of them are calfhood vaccinated.

32 Females
18 are bred
10 open for breeding
4 first calf heifers
All calfhood vaccinated


Herd Strong in Victor Domino Breeding

for free catalog write to...
Bruce Purdy Route 2 Warthen, Georgia
**Brahman Premier Winners**

IN COMPUTATION based on livestock shows held in Florida for the 1960-61 season (see story on page 36) these Brahman herds and individuals won top places in the Cattleman’s premier award competition:

Premier Exhibitor
1. A. Duda and Sons, Cocoa... 65,654
2. T. M. Deal, Bar D Ranch, Orlando... 38,920
3. W. H. Stuart Ranch, Bartow... 18,330

Premier Brahman Bull
1. Keys Resoto Manso Jr. 816 (Clyde J. Keys, St. Petersburg, owner) 9216
2. ADS Hampton de Imperator (Duda and Sons, owner) 8408
3. ADS Duson’s Al 516/1 (Duda and Sons, owner) 4384
4. LS Van Dorn Manso 306 (T. M. Deal, owner) 3446
5. ADS Luchien de Espero (Duda and Sons, owner) 3370

Premier Brahman Female
1. ADS Empress de Manso 93/1 (Duda and Sons, owner) 9482
2. ADS Duson’s Belle 376/1 (Duda and Sons, owner) 9376
3. WHS Miss Rex 439/1 (W. H. Stuart, owner) 4146
4. ADS Empress de Manso 262/1 (Duda and Sons, owner) 3908
5. Bar D Georgia Emperator 220 (T. M. Deal, owner) 3546

**Results of Kissimmee, Orlando, Largo Brahman Shows Are Listed**

IN BRAHMAN showing at the Kissimmee Valley Livestock Show, the Central Florida Fair at Orlando, and the Pinellas County Fair at Largo, the following winners (which are listed in order by classes with number of entries in parentheses) were selected:

### Kissimmee

Aged bulls (3) — ADS Hampton de Imperator (reserve grand champion, reserve senior champion), A. Duda and Sons, Cocoa; WHS Duson de Imperator 300/1, W. H. Stuart Ranch, Bartow; Keys Manso 716, Clyde J. Keys, St. Petersburg.

Two year old bulls (6) — Keys Resoto Manso, Jr. 816 (grand champion, senior champion), Keys; ADS Spear Duson, Duda; LS Van Dorn Manso 306, Bar D Ranch, Orlando.

Senior yearling bulls (1) — Bar D Dunning Emperator 172, Bar D.

Junior yearling bulls (7) — WHS Araisaire Imperator 625/1 (junior champion), Stuart; ADS Luchien de Imperator, Duda; EOR Lavaco Ring 284, Bar D.

Junior yearling bulls (5) — HPS AM Emperator 46/1, Bar D; Keys Resoto Manso 987, Keys; ADS Jon de Imperator, Brevard County 4-H Club.

Senior bull calves (3) — Bar D Van Dorn Manso 204, Bar D; ADS Duson’s Chance, Duda; Bar D Sheffield Manso 197, Bar D.

Junior bull calves (5) — ADS Duson’s Al 515/1 (reserve junior champion), Duda; Bar D Danforth.

### Largo

**CHAMPION ...** Brahman bull at both Kissimmee and Orlando was exhibited by Keys, shown with Roy Robertson.

**RESERVE ...** champion Brahman bull at both Kissimmee and Orlando was owned by Duda, shown with Goudeau.

**DUDA ...** had the grand champion female at Orlando, reserve at Kissimmee, shown here with David Willis.

The Florida Cattleman
"SUNOCO"
Florida's Premier Bull!

KEYS RESOTO MANSO Jr. 816—"Sunoco"

He's half-brother to our twice National Grand Champion Bull "BIG OTTO," and has taken to OTTO's winning ways...

Yes, "Sunoco" has just been named Florida's Premier Brahman Bull by The Florida Cattleman for 1960-61. Come by the ranch and see these bulls at work.

Discriminating Cowmen—See our bulls before you buy

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HIGHEST QUALITY BRAHMANS
Adaptable—Dependable
From our constructive, selective, breeding program.

Premier Exhibitor 1960-61

Premier Cow—1960-61
ADS Empress de Manso 93/1

2nd Premier Cow—1960-61
ADS Dusons Belle 376/1

2nd Premier Bull—1960-61
ADS Hampton de Imperator

We would be happy to show you these and other of our high quality Brahman cattle—come by the ranch at any time.

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registered Brahman cattle

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for April, 1961
Charolais Premier Winners

Based on shows held during 1960-61 the top Charolais herds and individuals for the season, shown on a point system (see story on page 36) were as follows:

Premier Exhibitor
1. DS Ranch, Clearwater
2. Lazy W Ranch, St. Petersburg
3. K Bar Ranch, Zephyrhills

Premier Charolais Bull
1. Jumper 108 (DS Ranch, owner)
2. Mr. Theodore DS 182 (DS Ranch, owner)
3. Silver Giant 181 (K Bar Ranch, owner)
4. Sir Charles (Lazy W Ranch, owner)
5. Sir Linargo (DS Ranch, owner)

Premier Charolais Female
1. Miss Theodore DS 199 (DS Ranch, owner)
2. Miss Theodore DS 188 (DS Ranch, owner)
3. Minette (Lazy W Ranch, owner)
4. Mimi 2d of Sandrellan (DS Ranch, owner)
5. Miss Peso DS 276 (DS Ranch, owner)

Show Winners

(Continued from page 28)
Reserve grand champion female: Miss Blackwell, Tampa;
Angus — Grand champion bull: Kinlochian 9872, Hughes Angus Ranch, Ellenton; Grand champion female: Hughes Jipsey, Hughes; Reserve grand champion female: Hughes Bluebird Lady, Hughes;
Herefords — Grand champion bull: Cauchau Heir 922, Blue Creek Ranch, Tarpon Springs; Grand champion female: J. F. Miss Intense 0559, Blue Creek; Reserve grand champion bull: J. F. Battle Intense 556, Blue Creek; Reserve grand champion female: J. F. Zato Heiress 299, Blue Creek.

Ayrshires — Grand champion bull: Dixie's Royal Red Raider, Dixie Farms, Tampa; Grand champion female: Trespasser's Bonnie 2nd, Melvin W. Vernon, Jr., Dover;

Celebration Set For Columbia

A livestock sale starting at noon on Thursday, April 13, followed by a program to initiate a county-wide soil fertility campaign, will be conducted by the Columbia County Livestock Market in cooperation with the Lake City-Columbia County Chamber of Commerce as an anniversary celebration. Free supper will be served.

Commissioner of Agriculture Doyle E. Conner will be the chief speaker. Other agricultural leaders and specialists will be present to start the campaign.

"Every resident of Columbia County will benefit, and by cooperating we can certainly raise our agricultural income to a much higher figure than it is today," says David Maxwell, chairman of the chamber's agricultural committee.

All agricultural agencies, business establishments and farming interests in the county have been invited to participate in the campaign designed to improve the soil and increase production by putting into practice modern methods.

Charbray Premier Winners

In computation based on livestock shows held in Florida for the 1960-61 season (see story on page 36) the top Charbray herds and individuals were as follows in the Cattleman’s premier award competition:

Premier Exhibitor
1. Mrs. Selma McCowen, Zephyrhills
2. K Bar Ranch, Zephyrhills

Premier Charbray Bull
1. Mr. Pasco 997 (MRS. Selma McCowen, owner)
2. Mr. Pasco 0052 (Mrs. Selma McCowen, owner)
3. Mr. Pasco 786 (K Bar Ranch, owner)
4. Mr. Pasco 086 (K Bar Ranch, owner)

Premier Charbray Female
1. Miss Pasco 845 (K Bar Ranch, owner)
2. Miss Pasco 045 (Mrs. Selma McCowen, owner)

The Florida Cattlemen
DS RANCH ... exhibited the grand champion Charolais bull at Largo, shown here with Don Klontz.

**Largo Features Charolais Show**

IN THE showing of Charolais at the recent Pinellas County Fair at Largo, the following winners (which are listed in order by classes with number of entries in parentheses) were selected:

- **Junior bull calves (5)** - Sir Charles, Lazy W Ranch, St. Petersburg; Sir Yale, Lazy W; Sir Jumper DS 293, DS Ranch, Clearwater; Sandrelean Casimir, Lazy W;
- **Senior bull calves (1)** - Hercules, Lazy W;
- **Summer yearling bulls (1)** - Sandrelean Casimir, Lazy W;
- **Junior heifer calves (5)** - Lazy W's Fair Lady, Lazy W; Miss Jumper DS 298, DS; Miss Jumper 1S 316, DS;
- **Senior heifer calves (2)** - Metu, Lazy W; Miss Peso DS 278, DS;
- **Junior heifer heifers (2)** - Miss Theodore DS 188, DS; Miss Theodore DS 199, reserve grand champion, DS;
- **Senior yearling heifers (1)** - Louisette, Lazy W;
- **Two year old heifers (1)** - Miss Theodore DS 188, DS;
- **One year old heifers (2)** - Lazy W; Miss Theodore DS 199, reserve grand champion, DS;
- **Two year old heifers (1)** - Miss Theodore DS 199, reserve grand champion, DS;
- **Four females (4)** - Lazy W; DS; DS; DS; DS;
- **Pair of yearling (2)** - Lazy W;
- **Pair of calves (3)** - Lazy W; DS; DS;
- **Produce of dam (1)** - Lazy W;
- **Produce of sire (1)** - Lazy W.

**Dixon Wins Award**

PAUL DIXON of Shiloh has been named winner of the 1961 Nathan Mayo scholarship award as to the outstanding 4-H Club exhibitor at the Southeastern Fat Stock Show. The Marion County youth is a freshman at Central Florida Junior College in Ocala.

**RASTOS 452 M...** a young bull that we have recently purchased from the Michaelis Ranch. We are expecting some unusually good calves from him in the near future.

**CHAROLAIS**

We are sparing no effort to produce the "money-maker" type Charolais. A money maker for the purebred breeder as well as for the discriminating commercial rancher.

By using some of the best, proved bloodlines available in the country, we are developing cattle that will eventually be in demand by anyone wanting Fast Gaining Calves, Purebred Quality Herd Sires, Thrifty and Economical Commercial Cattle.

Charolais fit all these descriptions and we are striving to produce the best in Charolais.

Guests are always welcome at the Blue Bird Ranch.
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**CHAMONIE**

**Contact**  
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6-1553 (residence)  
SARASOTA, FL

**Reserve . . . grand champion Short-**
**horn bull at Kissimmee was another**
**Jacklen Farms entry.**

**Here's What Shorthorn Breeders Did**

**At the Kissimmee and Orlando Shows**

**IN SHORTHORN** showing at the Kissim-
me Valley Livestock Show and at the  
Central Florida Fair, Orlando, the fol-
lowing winners (which are listed in or-
der by classes with number of entries in parentheses) were selected:

**Kissimmee**

Two year old bulls (1) — Oakwood Watchman (grand champion, senior champion), Smith Ranch, Winter Haven;  
Senior yearling bulls (2) — Kickapoo Highland Laird (reserve senior champion), Smith; Loxada Viking, Smith;  
Junior yearling bulls (3) — Jacklen Master Stamp 196 (reserve grand champion, junior champion), Jacklen Farms, Plant City; E Bar Souvenir Centurion 61, Jacklen; Marellbar Restoration, Smith;  
Summer yearling bulls (4) — Marellbar Reputation (reserve junior champion), Smith; Jacklen Sensation, Jacklen; Jacklen Fascination, Jacklen;  
Senior bull calves (2) — Jacklen Compensation, Jacklen; Marellbar Receiver, Smith;  
Junior bull calves (3) — Jacklen Red Robin, Jacklen; Jacklen All Star Mercury, Jacklen; S R Blockbuster, Smith;  
Summer bull calves (2) — Jacklen Admiration, Jacklen; S R Red King, Smith;  
Two buds (1) — Jacklen; Jacklen; Smith;

**RESERVE . . . grand champion Short-**
**horn bull at Kissimmee was another**
**Jacklen Farms entry.**

**Three bulls (4) — Smith; Jacklen; Jacklen;**

**Two year old heifers (1) — Jacklen**
**Roma Beauty 2d (grand champion, senior champion), Jacklen;**

**Senior yearling heifers (1) — Star of**
**Edellyn Princes Norma (reserve grand champion), Smith;**

**Junior yearling heifers (3) — Marellbar**
**Clyde Ella 6th (junior champion), Smith; White Plains Star, Smith; Jacklen White Jilt B, Jacklen;**

**Senior heifer calves (2) — Jacklen Corona Gre-**
**cus 195 (reserve junior champion), Jacklen; S R Lady Golden, Smith;**

**Junior heifer calves (3) — S R Orange Bloom,**
**Smith; Jacklen Roma Beauty 3rd, Jacklen; Jacklen**
**White Jilt 3rd, Jacklen;**

**Summer heifer calves (1) — S R Princess Royal**
**2nd, Smith;**

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

**Pair of yearlings (3) — Smith; Smith; Jacklen;**

**Pair of calves (4) — Jacklen; Smith; Jacklen;**

**Produce of dam (3) — Jacklen; Jacklen;**

**Get of sire (3) — Get of W. L. Bank Standard**
**8th, Jacklen; get of Kal Ranger, Smith; get of**

**W. L. Bank Standard 8th, Jacklen;**

**Junior get of sire (3) — Get of Edellyn Emperor,**
**Smith; get of W. L. Bank Standard 8th, Jacklen;**

**get of W. L. Bank Standard 8th, Jacklen.**

**Orlando**

Two year old bulls (2) — Oakwood Watchman (grand champion, senior champion), Smith Ranch, Winter Haven; Kickapoo Highland Laird (Cont.-

(Continued on page 69)
Performs like a big sprayer—costs a fraction of the price!

**EDGE-RITE PORTABLE SPRAYER**

Why invest big money in a high-priced sprayer? The low-cost Edge-Rite Sprayer rides stock of hornflies, grubs, ticks and other pests easily and economically. Can be quickly moved wherever needed. Quick-starting, easy to operate. Handles all recommended liquid, soluble and emulsified insecticides. Delivers a powerful spray that covers thoroughly and penetrates deeply—

*with absolute minimum of run-off waste.* Order your fully-guaranteed Edge-Rite Sprayer today. See your local Edge-Rite dealer or use coupon to order by mail.

**ONLY $79.95 COMPLETE**

2 1/2 HORSEPOWER 200 LBS. PRESSURE

A complete spraying unit, including 2 1/2 h.p. Clinton gasoline engine, bronze pump, 8 ft. of intake hose and 25 ft. of discharge hose with adjustable nozzle. Has pressure gauge, pressure regulator, adjustable bypass, intake strainer, rope starter. Recall starter optional.

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Please ship me an Edge-Rite Sprayer immediately.

☐ I want the $79.95 Rope Starter Model.
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☐ Send free illustrated folder.

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ADDRESS ____________________________
TOWN __________________________________
STATE __________________________________

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**Shorthorns**

For Beef—Good Disposition—Milk—Marketability—Fast Gains—Size—Scale—Quality that Florida needs—Economical Feeders—Low Costs—You are welcome to visit and talk Shorthorns with the following Florida Shorthorn Breeders:

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Henry L. Smith, 300 Lake Elbert Drive, Winter Haven
T. M. Howerton, Jr., Madison
James B. Killam, Rt. 3, Box 134, Pensacola
Fred Tilden, Winter Garden
Howard Simpson, Jr., Mount Dora
Mrs. Henry L. Smith, Secy-Treas., 300 Lake Elbert Drive, Winter Haven

A. W. Ackley, Winter Haven
Mrs. E. L. Glass, Box 283, Haines City
Lykes Brothers (Charles), Tampa
Dr. H. D. Young, 1027 W. Main Street, Leesburg
Bernard A. Smith & Son, 1100 Lake Elbert Dr., Winter Haven
Paul Ragans, Route 2, Madison
W. Frank Hobbs, P. O. Box E, Oldsmar
E. Hood Wilkerson, 120 N. Orange Avenue, Orlando
G. W. Mann, Jr., 925 South Orange Avenue, Bartow
John D. Milton, Marianna

or write to Mrs. Henry L. Smith, Secretary,

**FLORIDA SHORTHORN BREEDERS ASS’N**

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We specialize in
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SHORTHORNS & POLLED SHORTHORNS
for sale at reasonable prices. Florida bred and
raised bulls. Open and bred heifers by Interna-
tional Congress Champion, W L Bank Standard 8th.

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Phone: Business 2-4151, Home 3-8091, Farm 3-6588
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SHORTHORN CATTLE
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Shorthorns-Polled Shorthorns
More of the essentials practical cattle-
men everywhere are demanding.
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Bruce Hancock, Sec'y, SH Shorthorn Ass'n,
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SHORTHORNS
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Rugged Commercial Bulls
Semen-Tested
BEARDSLEY FARMS
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CLEWISTON FLORIDA

Shorthorn Premier Winners

IN COMPUTATION of points, based on records of livestock shows held in the state
during 1960-61 (see story on page 36), the following Shorthorn herds and indi-
viduals won top spots in THE CATTLEMAN's premier awards competition:

Premier Exhibitor
1. Smith Ranch, Winter Haven
   2. Jacklen Farms, Plant City
   3. Boll Weevil Plantation, Waynesboro, Georgia

Premier Shorthorn Bull
1. Oakwood Watchman (Smith Ranch, owner)
   2. Jacklen Master Stamp (Jacklen Farms, owner)
   3. Kickapoo Highland Laird (Smith Ranch, owner)
   4. Jacklen Red Robin (Jacklen Farms, owner)
   5. Louada Viking (Smith Ranch, owner)

Premier Shorthorn Female
1. Sandown Princess Norma (Smith Ranch, owner)
   2. Jacklen Rona Beauty 2d (Jacklen Farms, owner)
   3. Marellbar Clipper Ella 6th (Smith Ranch, owner)
   4. Jacklen Corona Crocus (Jacklen Farms, owner)
   5. Jacklen Rona Beauty 3d (Jacklen Farms, owner)

Odom Tops; Steers, Barrows
Featured at Madison Show

THE NORTH Florida Livestock Show at
Madison on February 27, followed by an
auction next day, was noteworthy for co-
operation between community groups and
individuals competing for awards with
their exhibits of beef cattle and
swine in youth and adult divisions.

A 1,245-pound Angus steer entered by
John Odom of Live Oak in the youth di-
vision, was declared grand champion of
the show. Next day the animal brought
$113.33, highest sale recorded in the seven-
year history of the event. The buyer, at
$91 a hundredweight, was the Bank of
Greenville.

Jay Boynton, Tallahassee, won reserve
grand champion honors with his 4-H
steer weighing 1178 pounds. Buyers were
the Tallahassee Chamber of Com-
merce and the North Florida Livestock
Association.

Total receipts in the sale of 137 bar-
rows and 118 steers were $34,186.47.
The 51 FFA and 4-H steers sold at an aver-
age of $36.50 a hundred pounds. The
champion Duroc barrow brought $97 a
hundredweight from Copeland Sausage
Company. Other barrow buyers were
Swift and Company and the Frazel-
Ashley Truck and Tractor Company of
Madison.

Bill Cannon of Live Oak had the grand
champion of the show with his barrow,
shown in the 180-190 pound class of the
youth division. Shown in the same class
was the reserve champion, entered by the
FFA Chapter of Jennings. In single en-
tries by adult exhibitors, Janet Cannon
of Live Oak had the grand champion:
E. F. Almand of Lee, the reserve. Both
barrows were in the 175-210 pound class.

Philip Odom of Live Oak won the beef
showmanship contest. A gain in weight
contest was won by Brenda Blair, Green-
ville 4-H Club, with a Hereford-Angus
crossbred steer which gained 2.8
pounds a day in 136 days test. Second
place winner was Irvin Ulm, Madison
4-H Club, with an Angus gaining 2.12
pounds daily in 139 days test. In third
place was Carson Cherry of the Lee 4-H
Club, whose Hereford-Angus, crossbred
ran 1.96 pounds in 171 days test. The
contest was sponsored by Florida Retail
Federation.

Buyers of steers, all from Madison un-
less otherwise indicated, were:
Winn-Dixie Stores of Live Oak, Lake
City;
Swift and Company of Madison;
Keystone State Bank; First
National Bank of Live Oak; Andrews
Department Store of Greenville; Groover Tractor
Company; Florida Bank; Suwannee Valley Livestock
Company; Sinclair Refining Company;
Farmers Trust Company;
Kerns-Muscoy; Western Auto Associates Store;
J. B. Davis, Inc.; Commercial Bank of Live Oak;
Suber-Edwards of Quincy; Smothers Brothers Ta-
baro Warehouse; Tri-County Electric Coopera-
tive; International Fertilizer Company; Dr. De-
Rant and Morrow Insurance Company;
Cherry 66 Station; Lions Club; Dr. Boulger and
Lake County Barber Department Store;
Farmers Implement Company of Live Oak; Tallahassee Chamber
of Commerce; Smith Seed and Fertilizer Company of
Drifton; Metal Products; Van B. Printz; Live
Oak Gas Company; Cave's Feed Store; Cherry's
Feed Store; Edward Howland Feed Company;
J. D. Odom, Live Oak; Franklin, Floyd of White
Field; Madison Stock Yards; Hamilton County
Bank of Jasper.

Winners, listed in order by classes, with number of entries in parentheses were:

Barrows
Youth 160-175 pounds (18) — Greencastle FFA
Chapter; Walter Brown, Greenville; Della Blair
McCullough, Donald McCullough, and Sunday
Sales, Madison
Youth 180-190 pounds (17) — Bill Cannon, L
Oak (grand champion, youth division); A
ings FFA Chapter; Reserve Grand Champion,
youth reserve champion); Van Bryant, Gary By-
ant, Greencastle; Walker Brown; Mike Davis, of
Winter Haven, Fla.; Sponsor — Bessie
Wynn; Jack Sale, Madison
Youth 185-210 pounds (12) — Jerry Bland, Mad-

The Florida Cattleman
JOHN ODOM . . . poses his grand champion steer at the Madison show.

BILL CANNON . . . poses with his grand champion barrow at Madison.

To JACKY CUNNINGHAM (left) for having the Grand Champion carcass in the Florida Table Beef Contest, at the Florida State Fair—1961.

To CLAUDE GIBBS (right) for having the reserve champion carcass in the Table Beef Contest—1961.

These two outstanding young men have indeed done a job meriting the respect of every one in the business of producing better beef! It is especially notable that last year, Claude Gibbs raised the Grand Champion in the carcass contest, emphasizing the consistency of his own ability.

We are proud of the part that we played in assisting these boys in getting these good Angus steers for their projects. They have rewarded us by completely fulfilling our expectations.

We have some half brothers of these steers available at the farm. Feel free to drop by and inspect them, and other top herd sire prospects.

Raynagua Farm
22 miles Northwest of Pensacola on U.S. 29—Southwest of Molino.

Crawford & Betty Rainwater, Owners
E. J. Gibbs, Jr., Manager
Phones: Pensacola 3-2151, or 3-2901; Molino 2740 or 2601

PENSACOLA, FLORIDA
Here's What Angus Exhibitors Did At Kissimmee, Orlando, Largo Shows

In Angus showing at the Kissimmee Valley Livestock Show, the Pinellas County Fair at Largo, and the Central Florida Fair at Orlando, the following winners (which are listed in order by classes with number of entries in parentheses) were selected:

**Kissimmee**
- Senior yearling bulls (1) - Unnamed, Braxton Powell (reserve grand champion, senior champion); Junior yearling bulls (1) - Scottish Prince of Brays Island (grand champion, junior champion), A. L. Bullis, St. Cloud;

**ORLANDO**
- Champion Angus bull was shown by Sinkola Plantation, posed here by Robert Coker.

**LARGO**
- Junior bull calves (2) - Gibbsmere 69 (reserve junior champion), Billy Kinney, St. Cloud; Bellmoph, Dow Hudspeth, St. Cloud;
- Junior yearling heifers (2) - Princess Barbra 23 (grand champion, junior champion), Joe Brown; Lady Hamilton 59, Bobby Kinney;
- Summer yearling heifers (1) - Blackbird of Mil Oak 4, Betty Lou Bullis, St. Cloud;
- Junior heifer calves (4) - Mulben Pride of Lox 6 (reserve junior champion), Suzanne Bullis, Antelope, Bradmar B, Hudspeth; Bobbi My Queen, Frank Powell;
- Pair of calves (1) - Hudspeth.

**Reserve...** Angus bull at Orlando was another Sinkola entry, shown with David Shepard.

**Robert Coker**... posed Sinkola's reserve champion Angus female at Orlando.

The Florida Cattlemen
Be Sure to Attend the Third Annual . . .

ANGUS JUBILEE

May 11 & 12, Manatee County

SALE STARTS 10:30 A.M. MAY 12, MANATEE PAVILION IN PALMETTO

SELLING 150 HEAD OF ANGUS!

GIGANTIC OFFERING OF OPEN HEIFERS, BRED HEIFERS AND COWS, COWS WITH CALVES AT SIDE, BULLS, AND YOUTH STEERS

YOU CAN ESTABLISH A WHOLE HERD! Schedule of activities includes the classification and grading of all sale cattle beginning at 8:00 a.m. on Thursday, May 11, to be followed by a show of top sale cattle. A "Dutch Treat" dinner for Angus breeders will be held that evening in Bradenton. Sale will be held at 10:30 a.m. on Friday, with lunch to be available on the grounds.

Auctioneers: Paul Good, Van Wert, Ohio; Bob Cooper, Sarasota

For further Angus Jubilee information, write Gary Brown, Sale Mgr., 908 Perkins St., Phone STATE 7-4714, Leesburg, Fla. Sale sponsored by

Florida Angus Association

BIDDING PROCEDURE: Please note that, under the 1961 Jubilee sale regulations, the consignor will be permitted to publicly submit one bid on his animal, while the animal is being sold in the ring.
WE AT THE
monarch
WELCOME SPRING

1: We suffered an extreme loss during the winter with the death of Millardenmere 1912th. It was with great sorrow that we note his passing.

2: but every cloud has a silver lining

3: We were fortunate in getting a good number of cows bred to this bull last year with a lot of these calves already on the ground and more coming.

4: We are more than pleased with the conformation and quality that these calves are showing.

5: Balabanedolier Z 2 is another bull that is exceeding our expectations with his Get—with a set of twins thrown in for good measure!

6: Sorry, we are sold out of breeding age bulls but we do have some top notch Yearling bulls for sale at this time.

Hughes;
Senior yearling bulls (1)—Bandsman of Hearthead, Harvey Roscow, Largo;
Aged bulls (2)—Kinfochian 9872 (grand champion), Hughes; Bandolier 15 of Lake Shore, Orange Blossom Groves, Largo;
Two bulls (1)—Hughes;
Junior heifer calves (2)—Hughes Bluebird Lady (reserve grand champion), Hughes; Balwyllo Isabella AR, Orange Blossom;
Senior heifer calves (1)—Hughes Jigey (grand champion), Hughes;
Summer yearling heifers (2)—Hearthead Elle Erica II, Claudia Roscow, Largo; Hearthead Black Pearl, Roscow;
Junior yearling heifers (2)—Hughes Jilt, Hughes; Balwyllo Isabella AR 2, Orange Blossom;
Senior yearling heifers (1)—Queen 47 of Lake Shore, Orange Blossom;
Aged cows (2)—Balwyllo Isabella AR, Orange Blossom; Hearthead Elle Erica, Roscow;
Two females (3)—Hughes; Orange Blossom, Roscow;
Pair of calves (2)—Hughes; Produce of dam (2)—Orange Blossom, Roscow.

Orlando
Junior bull calves (1)—Sinkolamere 5925, Sinkola Plantation, Thomasville, Georgia;
Late senior bull calves (1)—Sinkolamere 9526 (reserve grand champion, junior champion), Sinkola;
Early senior bull calves (1)—Sinkolamere 9525, Sinkola;
Junior summer bull calves (1)—Moles Hill Maximilian 3619, Sinkola;
Early summer bull calves (3)—Prince of Hearts, Sinkola; Miller 1025 (reserve junior champion), Sinkola; M & M Bardoliermeyer 100, F. W. Reynolds;
Senior yearling bulls (1)—Sinkolamere 23 (grand champion, senior champion), Sinkola;
Summer senior yearling bulls (1)—Prince Prod (reserve senior champion), Twin Oak Ranch;
Three bulls (2)—Sinkola; Sinkola;
Two bulls (2)—Sinkola; Sinkola;
Junior heifer calves (2)—Eileen of Sinkola 2, Sinkola; Rothiemay Queen of LOR 8, Twin Oak Ranch;
Late senior heifer calves (1)—Karauma of Sinkola 582, Sinkola;
Early senior heifer calves (1)—Blackbird of Sinkola 3 (reserve grand champion, reserve junior champion), Sinkola;
Late summer yearling heifers (1)—Moles Hill Esthonia 6479, Sinkola;
Early summer yearling heifers (1)—Erianna of Sinkola 2, Sinkola;
Junior yearling heifers (3)—Fannie Boss 10 Boys Island (grand champion, junior champion), Sinkola; Luxury of Sinkola, Sinkola; Princess Barbara 23, Arlo Brown;
Senior yearling heifers (1)—Blackcap Empress of Sinkola 9 (senior champion), Sinkola;
Get of sire (2)—Get of Whiteymeeres 582, Sinkola; get of Prince of Redgate 102, Sinkola;
Junior get of sire (2)—Get of Whiteymeeres 582, Sinkola; get of Prince of Red Gate 102, Sinkola.

The Florida Cattlemen
These calves are the beginning of success for they are Black Angus. Yes, calves with natural hardiness and strong constitutions... calves that grow fast and develop with size, substance and smoothness without being coarse and wastey.

Normally, Angus are not big-bellied and long-bodied... but trim middled and low set. They'll turn your grain and roughage into quality beef... beef that brings you more money.

Angus calves grow fast—bring more money

More beef where it counts

Why do Angus bring more? It's really simple. Fat Angus have less wasteful bone, belly and brisket than the other major beef breeds. There's less waste in the regions of the higher cuts—more marbling in the red meat—and there's usually a bigger rib eye in an Angus carcass.

Packers and order buyers know that Angus will "grade-up" when slaughtered and will cut out more saleable beef. That's why they consistently pay more for Angus and Angus cross breeds.

Angus are naturally hornless

Here's another profit point: Angus calves never have horns for Angus are naturally hornless.

Even when you cross your horned cows with a purebred Angus bull, you can be sure about 95% or more of the calves will be dehorned. You'll also virtually eliminate your trouble from cancer eye and build resistance to pinkeye, too.

So invest wisely. Invest in Angus. Remember, they're worth more if they're Black.

American Angus Association
3201 Frederick Blvd., St. Joseph, Missouri
FLORIDA ANGUS ASSOCIATION, Charles H. Moore, President, Lutz, Florida
**Knollwood Angus Ranch**

Registered Angus Cattle For Sale

Open and Bred Heifers

Large Selection of Breeding Age Bulls

Brucellosis and T.B. Certified

Ranch located off Route 60 halfway between Bartow and Lake Wales

Phone Bartow 533-3665

Bill Richards—George (Jock) Sutherland

**Jenkins Steer Tops Polk Fair**

The high spot of the livestock show season for boys and girls of Polk County was their own Youth Fair, the 14th annual edition, held at Bartow March 9, 10 and 11. (Paraded before the judges by FFA and 4-H Club members were Guernsey, Jersey, and Holstein dairy cows, Brahman, Hereford and Angus breeder cattle, fat steers sold at auction after the show, and swine.)

The auction brought $32,974.85 for the 94 steers with a combined weight of 77,428 pounds—an average of $350.79 a head or $42 per hundredweight. The grand champion steer, owned by Charles Jenkins of Kathleen, weighed 1125 pounds and was purchased by Publix Markets for $1,011.25 at $1.05 a pound. Virginia Thomas of Lakeland had the reserve champion, a 960-pound steer, sold for $624.65 at $65 per hundredweight. Kwik-Chek paid $1019 at $1.01 a pound for the 1000-pound steer sold by Mike Tomassello, Bartow.

Publix Market was the largest buyer, paying a total of $7965.97 for 19 steers. Kwik-Chek bought five, paying $3866.43, and Central Packing Company, Center Hill, four for a total purchase of $1549.61.

Richard Sargeant of Lakeland showed the grand champion and reserve champion registered Guernseys, both junior heifer calves. The grand champion registered Jersey was a cow entered in the two to three-year-old class, and reserve champion a senior yearling heifer, both exhibited by Diana Garrett of Fort Meade.

Grand champion of the registered Brahmons was a two-year-old bull shown by Dick Langford, Bartow. Both the grand champion and reserve champion registered Angus were shown by Gayle Sutherland of Bartow.

Blue ribbon winners, with the number of entries in each class shown in parentheses, were:

**Steers**

Lightweight (600-750 pounds) (29)—Jimmy Kershaw, Bartow; Linda Lyle, Bartow; Mary Heiden, Fort Meade; Johnny Knight, Fort Meade; Tommie Rimes, Mulberry.

Medium light (751-875 pounds) (32)—Bobby Noble, Haines City; Gary Lamb, Fort Meade; Jackie Davis, Mulberry; Francis Hancock, Fort Meade; Larry Matthews, Lakeland; Mike Fletcher, Bartow; David Cole, Lakeland.

Mediumweight (876-1000 pounds) (23)—Vir-
"ANGUS AUCTION"

600—HEAD—600

THE GREAT ATLANTIC ANGUS SPRING SALE

APRIL 19, 1961—10:00 A.M.

At

THE ZOORAMA ARENA

Located three miles south of New Market, Virginia on Hwy. 11. Only 90 miles from Washington, D. C.

400 Registered Cattle . . . . . 200 Commercial Cattle

Included in the offering of Registered Cattle will be:

30 Bulls, sons of champions—several proven sires;
100 or more Cows with calves at side;
Bred Cows and Heifers
60 Top Open Heifers

Complete Dispersion of the noted OSCAR HAMMERM- STEIN Herd;
Severe Reduction, the "Half and Half Sale", of the BUCKLAND HALL Herd.
These cattle will sell in truck and car load lots.
The 200 commercial cattle have been carefully selected. They include cows with calves at side, bred heifers, heifers ready to breed—all vaccinated and tested, ready to go.

Look carefully at the list of consignors—you will find noted herds represented:

Brecknock Hall Farm, Greenport, N.Y.
Buckland Hall, Gainesville, Va.

Buckland Hall is sharply reducing their herd—they are sharing one-half their herd with you in this sale.

Corotoman, Upperville, Va.
Ben Few Angus Farms, Staunton, Va.
Green Hill Farm, Staunton, Va.
Oscar Hammerstein Herd, Doylestown, Pa.

This includes the greatest sons of Ankonian O. B. 13th that I have ever seen; a top imported bull; several imported cows and their descendants. A herd with a great record here in the East for 20 years.

-Dave Canning

Auctioneers: Ham James—Paul Good—Stan Haworth.

Headquarters: Court Manor, just across the road from the sale arena. Make reservations through the sale manager's office.

ATTEND: The Angus Folks' Get Together in the Manor house at Court Manor on Tuesday night, the 18th. It will be a sure enough "Whing-Ding."

THE GREATEST BUYING OPPORTUNITY OF THE SEASON ! !
It pays to buy from Florida’s largest Angus herd . . .

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

**M & M RANCH**

R. W. & E. B. Matlock, Owners

Scott L. French, Gen. Mgr., Wallace A. Griffey, Cattle Supt., Ray Leach, Show Herdsman

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

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F. W. Reynolds, Owner, Ph. 553-2334

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Females with Mole’s Hill Eileenmere.

**Baldwin Angus Ranch**

Registered Aberdeen-Angus cattle for sale at all times. Herd sires: Bandolier Lad of L.V. and Dor-Mac’s Bandoliermere 64th.

Ranch located 5 miles north of Ocala on Hwy. 441. Leroy Baldwin, owner & manager

**Choctaw Ranch**

Purebred and Commercial Aberdeen-Angus

R. B. Spyes, Owner

Keith Miller, Manager

DE FUNIAK SPRINGS, FLORIDA

Ranch located at Red Bay, Florida

**McGregor-Vantress**

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Phone Trinity 4-4559

ATLANTA, GEORGIA

**Hughes Angus Ranch**

HERD SIREs–Hughes Eileenmere 999, Hughes Bandoliermere 10, Harpeth Eileenmere 123, Kielochan 9872, Kielochan 3365, Prince of Red Gate 199.

Curtis J. Hughes

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P.O. Box 213, Ellenton, Florida

(Certified Brucellosis-Free Herd No. 470)

Located 3 ½ miles north on Highway 683

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Production and Performance Tested ANGUS CATTLE

PAUL FITZPATRICK, Owner • RUSS KISER, Mgr.

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**REGISTERED ANGUS**

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LAKE CITY, FLORIDA

Located 7 miles south on U.S. 41

**Oak Hill Ranch**

Registered Angus

Oak Hill

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**Florida’s Home Of The Bandoliers**

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**STARDUST RANCH**

**STARDUST RANCH**

HENRY AND JEANNETTE CHITTY

Phone GAINESVILLE 2-1650

Micanopy, Florida

**First . . . to inaugurate the new calfhood vaccination program to wipe out brucellosis was FCA President Louis Gilbreath of Ocala. Shown here, left to right, are Dr. W. W. Harkins, assistant USDA veterinarian in charge of Florida; Dr. C. W. Field, chief of the Brucellosis and Tuberculosis Section, Division of Animal Industry, Florida Department of Agriculture; Gilbreath; and Dr. Carl Holland, Gainesville veterinarian.

Gilbreath Boosts Calf Vaccination

First to participate in the new cooperative State-Federal program for eradication of brucellosis among beef cattle in Florida’s range and semi-range areas is Louis Gilbreath, president of the Florida Cattlemen’s Association.

An advocate of calf vaccination only for a certain period as a prelude to test and slaughter for range cattle, Gilbreath urges all commercial herd owners in the range areas to cooperate in the new program.

“There has been some outspoken opposition to any sort of a program of calf vaccination because of possible injury, and even losses, among animals undergoing the vaccine treatment,” Gilbreath said. “Even so, I’m convinced the new program will be worthwhile in the long run.”

Details for back-tagging certain classes of range cattle going to market or direct to slaughter are being worked out among State and USDA officials and FCA representatives. The back-tagging will permit determination of herd infection by traceback after tagged animals are tested at time of slaughter.

After four years under this program, a county-by-county review will be made. Where infection in a county is two percent or less, FCA is to promote and assist in an area test and slaughter program so the county can receive modified certified Bangs free status. However, the vaccination program is expected to continue on a year-to-year basis beyond the four-year period where needed until all range cattle areas qualify for the start of test and slaughter.

Not affected by the new program are the 30 north Florida counties already called as modified certified Bangs free and dairy herds throughout the state which are under continuous periodic testing to comply with milk sanitation and health regulations.

The Florida Cattlemen
Florida's Premier Angus Exhibitor!

FOR SHOWING THE MOST OF THE BEST AT 1960-61 FLORIDA SHOWS

and that's not all...

We made a clean sweep of it by showing both the Premier Bull and Premier Female!

We're happy to report that The Florida Cattleman Premier Award results—based on all Florida shows held during the 1960-61 show season—showed Sinkola Plantation as the Premier Angus Exhibitor, our Sinkolamere 23 as Premier Bull, and our Fannie Bess 10 of Brays Island as Premier Female. We plan to be back on the Florida circuit for the fall show season but, meanwhile, we'd like to cordially invite you to visit us when you're in the Thomasville area to see our pure-bred operation.

SINKOLA PLANTATION

MR. and MRS. WARREN BICKNELL, OWNERS

S. D. TITTLE, Mgr.

PRICE BROWN, Herdsman

THOMASVILLE, GEORGIA
Santa Gertrudis Premier Winners

Top Santa Gertrudis exhibitors and individuals, based on the records of livestock shows held in Florida during the 1960-61 season were as follows (see page 36 for further information):

Premier Exhibitor
1. Velbertan Lake Ranch, Odessa .................................................. 18,858
2. Panuleta Farms, Uleta .............................................................. 11,796
3. Palmer Ranch, Sarasota .......................................................... 9,156

Premier Santa Gertrudis Bull
1. Primero (Palmer Ranch, owner) ................................................. 2,968
2. Fireball (Panuleta Farms, owner) ............................................. 2,198
3. VLR Rojo 18/9 (Velbertan Lake Ranch, owner) ......................... 2,124
4. Block Buster (Panuleta Farms, owner) ..................................... 1,256
5. Velbertan’s Rondo 202 (Velbertan Lake Ranch, owner) ............. 1,094

Premier Santa Gertrudis Female
1. Gloria (Palmer Ranch, owner) .................................................. 2,644
2. VLR Conchita 84/8 (Velbertan Lake Ranch, owner) ................. 2,154
3. VLR Duke’s Princess 33/9 (Velbertan Lake Ranch, owner) ..... 1,340
4. Miss Velbertan 54/8 (Velbertan Lake Ranch, owner) ............... 1,278
5. Mae West II (Panuleta Farms, owner) ...................................... 1,200

Santa Gertrudis Winners Listed

For Kissimmee and Orlando Shows

In Santa Gertrudis showing at the Kissimmee Valley Livestock Show and at the Central Florida Fair, Orlando, the following winners (which are listed in order by classes with number of entries in parentheses) were selected:

Kissimmee
Two year old bulls (2)—Primero (grand champion), Palmer Ranch, Sarasota; Blockbuster (reserve senior champion), Panuleta Farms, Uleta;
Senior yearling bulls (2)—Fire Ball, Panuleta; Topper, Panuleta;
Junior yearling bulls (5)—VLR Rojo (reserve grand champion, junior champion), Velbertan Lake Ranch, Odessa; VLR Filpe (reserve junior champion), Velbertan; Brio, Palmer Ranch;
Senior bull calves (5)—Velbertan’s Rondo 202, Velbertan; Red Cap, Panuleta; Dalio, Palmer;
Junior bull calves (5)—Velbertan Red Jr., Velbertan; Velbertan’s Ranch, Velbertan; Adan, Palmer;
Summer bull calves (1)—Flying D’s Lover Boy, Fred Dietrich III, Osceola County;
Two bulls (6)—Velbertan; Palmer; Velbertan; Aged cows (1)—Sally Rand II, Panuleta;
Two year old heifers (4)—Condesa II (reserve senior champion), Palmer; LaBella, Palmer; Miss Velbertan, Velbertan;
Senior yearling heifers (2)—VLR Conchita (grand champion, senior champion), Velbertan; Baggage, Panuleta;
Junior yearling heifers (4)—Gloria (reserve grand champion, junior champion), Palmer; VLR Duke’s Princess (reserve junior champion), Velbertan; Anita II, Palmer;
Summer yearling heifers (1)—Velbertan’s Maricia, Velbertan;
Senior heifer calves (5)—VLR Duke’s Donna, Velbertan; VLR Juanita, Velbertan; Zaza, Panuleta;
Junior heifer calves (4)—Mae West II, Palmer; VLR Carlotta, Velbertan; Lady Velbertan, Velbertan;
Two females (6)—Velbertan; Palmer; Pair of yearlings (5)—Velbertan; Velbertan; Palmer;
Pair of calves (5)—Velbertan; Palmer; Velbertan;
Produce of dam (2)—Velbertan; Get of sire (5)—Get of Llave Mootol, Palmer; get of V.L.R. Duke II, Velbertan; get of El Cap Jr., Panuleta.

Orlando
Two year old bulls (3)—Primero (grand champion, senior champion), Palmer Ranch, Sarasota; Dizzie Rivera, Dixie Plantation; Block Buster, Panuleta Farms, Uleta;
Senior yearling bulls (1)—Fireball (reserve grand champion, reserve senior champion), Panuleta;
Junior yearling bulls (5)—V.L.R. Rojo 18/9 (junior champion), Velbertan Lake Ranch, Odessa; V.L.R. Felipe, Velbertan; The Melting Pot, Panuleta;
Senior bull calves (3)—Velbertan’s Rondo 202, Velbertan; Red Cap, Panuleta; Dalio, Palmer;
Junior bull calves (5)—Cacilca (reserve senior champion), Panuleta; Adan, Palmer; Foncho, Velbertan;
Two bulls (6)—Velbertan; Panuleta; Palmer; Aged cows (1)—Sally Rand II, Panuleta;
Two year old heifers (4)—Velbertan’s Jewel (reserve senior champion), Velbertan; LaBella, Palmer; Miss Velbertan, Velbertan;
Senior yearling heifers (2)—V.L.R. Conchita (grand champion, senior champion), Velbertan; Baggage, Panuleta;
Junior yearling heifers (4)—Gloria (reserve grand champion, junior champion), Palmer; V.L.R.
ELEVENTH ANNUAL KING RANCH SALE
SELLING
25 KING RANCH QUARTER HORSE COLTS AND FILLIES-10:00 A.M.
25 SANTA GERTRUDIS YEARLING BULLS-2:00 P.M.
THURSDAY, APRIL 13, 1961
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SELLING OUT!

Santa Gertrudis
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Over 225 head of brood cows. These have been selected to sell! All second rate cows have been slaughtered.
Take any size group you need and can use.
SEE US NOW!

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Grand Champion Female
Senior Champion Female
Junior Champion Bull
Reserve Jr. Champion Bull
Reserve Jr. Champion Female
13 Firsts—7 Seconds

Several complete “single sire” herds—including herd sires. These will range from 25 to 30 head of cows in each herd.
WE CAN PUT YOU IN BUSINESS TODAY!

Lots of yearling heifers and bulls out of the two top producing bulls in the state. Good show prospects and top purebred herd sire possibilities.
THIS IS THE CHANCE OF A LIFETIME!

Kissimmee Livestock Show
Grand Champion Female
Senior Champion Female
Reserve Grand Champion Bull
Junior Champion Bull
Reserve Jr. Champion Female
Reserve Junior Champion Bull
11 Firsts—8 Seconds

The two bulls that are responsible for us having all these outstanding cattle to offer—VLR EL TOR-AZO, JR. 419, and VLR DUKE 11, undoubtedly the best Santa Gertrudis bull in the East—completely proven to produce the best calves in the state.

We’re going fishing—so come by soon

Velbertan Lake Ranch
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RANCH LOCATED ON BOY SCOUT ROAD, THREE MILES FROM THE ODESSA POST OFFICE
Member: Santa Gertrudis Breeders International and Florida Santa Gertrudis Association
VELBERTAN . . . Lake had the champion female at both Kissimmee and Orlando, posed by Gene McQueen.

RESERVE . . . female at both Kissimmee and Orlando was this Palmer Ranch entry, shown with Gary Jones.

PALMER RANCH . . . showed the grand champion bull at both Kissimmee and Orlando, posed by Gary Jones.

Duke's Princess (reserve junior champion), Velbertan; Anita II, Palmer; Summer yearling heifers (1) — Velbertan's Marita, Velbertan; Senior heifer calves (5) — V.L.R. Donna 22/1, Velbertan; Moneca II, Palmer; V.L.R. Juanna 8/6, Velbertan; Junior heifer calves (4) — Maas West II, Panuleta; V.L.R. Carlotta 56/0, Velbertan; Rita, Palmer; Two females (5) — Velbertan; Palmer; Palmer; Pair of yearlings (5) — Velbertan; Velbertan; Panuleta; Pair of calves (5) — Panuleta; Velbertan; Velbertan; Produce of dam (2) — Velbertan; Velbertan; Get of sire (9) — Get of Llave Maestro, Palmer; get of V.L.R. Duke II, Velbertan; get of V.L.R. El Texano 419, Velbertan.

SG Breeders Int'l To Hear Kleberg

SANTA GERTRUDIS Breeders International will hold its annual membership meeting April 15 at the Granada Hotel, San Antonio, Texas. Principal speaker will be Robert J. Kleberg, president and manager of the King Ranch where the Santa Gertrudis breed originated.

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35 Good Purebred Yearling
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Now For Sale
Future Herd Sires for Purebred Herds
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Some excellent prospects for commercial cattlemen who are interested in the new vigor and the extra pounds of beef these bulls can give your calves on your herd improvement program.

Out of the country buyers—we have a plane load approved and selected for export, and can make prompt delivery!

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Record Steer Prices

The ninth annual Suwannee River Beef Cattle Show and Sale, held February 23-24 at Fanning Springs, was a record breaker, with 32 breeder cattle exhibits and 62 fat steers in 4-H and FFA competition, the largest attendance in the event's history, and the highest price ever received in the sale of fat stock following the youth show.

Winn-Dixie Stores' bid on the champion, a 994-pound Angus steer owned by Chiefland FFA Chapter, was 90 cents a pound to tie the record set in 1959. The Retail Federation kicked in an extra penny a pound to establish the new record at 91 cents, a total of $904.54. The reserve champion, a Hereford steer weighing 994 pounds, brought the owner, Carolyn Garner of Bronson 4-H Club, the sum of $596 at 60 cents a pound from Levy County Sheriff J. A. Turner.

Auctioneer Jim Pace sold the 62 steers, weighing a total of 53,370 pounds, for $18,755—an average of 35 cents a pound or $302.50 a head. Winn-Dixie Stores, Jacksonville, was the largest buyer, paying $1475 for three; Central Packing Company of Center Hill bought four for the second highest total purchase, $1411. Jackson's Livestock Market of Gainesville made the third highest purchase, $1020 for four.

In the show of breeder cattle, El Rancho Grande of Cross City captured a lion's share of awards with Hereford entries CWR Advance Larry 48th, grand champion bull; Miss Lamplighter, grand champion heifer; and Miss Supreme Quality, reserve champion heifer. The reserve champion bull was Advance Silver 6th, owned by C. R. Colson and Sons of Bell.

Charles Hardree of Chiefland walked away with the four top awards for his Angus exhibits.

A gain-in-weight contest sponsored by the Florida Retail Federation was won by an entry of Allen Polk, Trenton FFA, showing 2.96 pounds a day gain. Lee Mills, Chiefland 4-H, was second with a steer gaining 2.68 pounds daily and third place went to Larry Studstill, Trenton FFA, for a steer gaining 2.5 pounds a day. James Gorman, managing director of the federation, awarded the cash prizes.

Highest scores in judging contests were made by a Trenton FFA team competing in a field of five teams. Williston Chapter was second and Chiefland Chapter third. In the 4-H judging competition, the Bronson club team won first place in a field of 18 competitors, scoring one point above the second place winners, representing Chiefland Seniors.

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Santa Gertrudis Cattle
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LITTLE EVERGLADES RANCH
W. M. LARKIN, R. D. 17, FLORIDA

TOP STEERS ... are shown in this photo, as Judge Sloan Baker looks on. At left, Douglas Cannon poses the grand champion owned by the Chiefland FFA Chapter, while Carolyn Garner poses her reserve grand champion at right.

Third was the Osceola team.

Showmanship contest winner was Tommy Havens, Bronson 4-H member.

Winners of blue ribbons in the youth steer division, with number of entries in each class shown in parentheses, were:

1000 pounds and over (1)—Chiefland FFA Chapter (grand champion); Carolyn Garner (reserve champion). Bronson; Larry Studdsill, Trenton; Herbert Brown, Jr., Trenton; 900 to 999 pounds (12)—Wilmer Beasley, Bronson; Allen Polk, Trenton; 800-899 pounds (21)—Tommy Havens, Bronson; Hugh Martin, Bell; Roger Pettman, Trenton; Phillip Anderson, Bronson; 600 to 799 pounds (18)—Bill May, Trenton; Phillip Anderson.

Buyers, with number of head purchased, if more than one shown in parentheses, and the amount spent, were:

Winn-Dixie Stores, Jacksonville (3) $1475; Brice Crater Company, Bronson (2) $900.72; Cogsland Sausage Company, Alachua (2) $784.59; Jackson Livestock Market, Gainesville (4) $1020.24; Central Packing Company, Center Hill (5) $1410.60; White Construction Company, Chiefland (1) $1053.21; Lyons Brothers, Gainesville (4) $970.44; Mills Auction Market, Ocala (2) $484.89; Cogsland Livestock Market (2) $855.94; Sheriff Turner, Bronson $590.40; Representative Frank Marlander, Bronson $254.45; El Rancho Grande, Cross City $330.60; Production Credit Association, Gainesville $297.15; Meckford Fortmyer, Archer $257.38; Lancaster Oil Company, Trenton $226.40; Selfo Fertilizer Company, Alachua $170.94; Bronson Lion Club $298; D. Hoff, Jr., McIntosh $757.48; Trenton Rotary Club $298.09; Griner Chevrolet Company and Palm Chambers Pure Oil Company, Cross City $540.20; Sunnyland Packing Company, Gainesville $332.92; Farmers and Merchants Bank, Trenton $256.92; Randolph Rogers, Cedar Key $281.75; Vernon Watson, Trenton $256.08; Levy County Fair Association, Williston $286.77; Perkins State Bank, Williston $286; Central Florida Electric Coop., Chiefland $248.86; Herbert Powell, Trenton $269.10; Williston Gas Company $241.15; Dixie Lilly Ranch, Williston (2) $723.11; Wilson-Toomer, Jacksonville $392.63; Chiefland Lion Club $270.70; W & M Construction Company, Williston $335; Booch Hardware, Chiefland $295.28; Peach’s Cash Grocery, Cross City $266.49; Gulf Co-op Market, Trenton (2) $454.49; Truman Simons, Archer $256.12; Levy County State Bank, Chiefland $265.96; Chiefland Farm Supply and Griffin Produce Store, Chiefland $216.83; State-wide Seeders, Newberry $225.75; Trenton Grocery $217.28; Williston Lions Club $259.39.

Winners in the breeder cattle show, listed by classes with number of entries in parentheses, were:

Herefords
Bulls 12-18 months (2)—El Rancho Grande; Coon; (1)—El Rancho Grande; Bulls over 18 months (3)—El Rancho Grande (champion); C. R. Guitre; and Sons (reserve champion); Corbin; Heifers under 12 months (7)—El Rancho Grande; El Rancho Grande; Colson; Heifers 12-18 months (8)—El Rancho Grande (reserve champion); Colson; B. L. Larson; Heifers 18 months and older (6)—El Rancho Grande (champion); El Rancho Grande; El Rancho Grande.

Augs
Bulls under 12 months (2)—CharlesHardiee; Hardie; Bulls over 24 months (1)—Hardie (champion); Females (2)—Hardie; Hardie.

for April, 1961

VACCINATION ... The KEY TO CONTROL ... of

Leptospirosis is an infection caused by a very small germ called leptospira. Primarily an infection of cattle and hogs, it is frequently found in horses and other farm animals. When the disease strikes a herd, young calves may die within 12 hours after first symptoms occur; pregnant cows may abort or weak calves die within two or three days.

Good sanitation and management practices are important, but the real key to prevention and control is vaccination. To help control an outbreak of Lepto, immediate vaccination of all animals is advisable. Immunity may be short when very young calves are vaccinated and these animals should be revaccinated at 3 or 4 months.

We recommend Globe Leptospira Pomona Bacterin for use in your Lepto vaccination program this spring. Write or come to The Stockmen's Supply for information on this and other veterinary biologicals and pharmaceuticals manufactured by Globe Laboratories since 1919.

INTERESTED IN QUARTER HORSES?
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Hog Cholera
Fight to be Speeded Up

Bills readied for legislature

by ART SPEAR
Animal Ind. Div., State Agric. Dept.

Florida isn't going to "live with" hog cholera much longer if swine industry efforts now underway are successful.

When the State Legislature meets this spring it will be asked to adopt bills, now being framed, aimed at eradicating in Florida the deadly disease which is costing the nation's swine producers nearly $50 million annually.

Present plans of the Florida Hog Cholera Eradication Committee are to start an all-out eradication program July 1 this year. It is believed the task can be accomplished in five years.

No one on the committee, of which Wayne Mixson, Farm Bureau, is chairman, doubts for a minute that the job can be done. Committee membership includes representatives of swine producers, packers, market operators, practicing veterinarians, the State Agriculture Department and its Division of Animal Industry, U.S. Department of Agriculture and the state's Agricultural Extension Service.

Cooperating with the committee are the Federal Hog Cholera Research Station at Live Oak, Departments of Veterinary Science and Animal Husbandry at the University of Florida, Farmers' Home Administration, State Department of Education, State Board of Health and the Florida Veterinary Medical Association.

It will cost money to rid the state of hog cholera, just as it did to wipe out the screwworm, but the cost of doing the job will be much less than the accumulative costs of continuing to live with the disease.

In the past 10 years the state has spent nearly $3 million on efforts to "control" hog cholera, and without eradication that rate of cost could continue indefinitely. That figure does not include the losses to swine producers which have been huge in the aggregate.

For an eradication program, the state committee estimates a budget, in addition to present control costs, of less than $2 million for the first biennium. This figure includes costs of the Agriculture Department's Division of Animal Industry (formerly Florida Livestock Board) for administering the program, and indemnities for hogs lost by participating producers; educational and organizational activities; and a considerable amount of vitally important research to be carried on simultaneously with the program.

County committees, and even community groups, are being formed throughout the state to carry the hog cholera story and its possibilities for successful eradication right down to the grass roots-to the swine producers themselves who are the ultimate beneficiaries of such a program.

The question has been raised—not only in Florida, but in other states as well—as to whether swine producers are interested in wiping out cholera.

If Florida hog raisers aren't interested, they should be when they look at the picture in the state today. 90 percent or more of the state's hogs are raised in north Florida. In that part of the state, according to Dr. C. L. Campbell, Director of the Florida Department of Agriculture's Division of Animal Industry, hog cholera is threatening to reach epidemic proportions in what could be one of the worst outbreaks in several years. Involving are 16 counties from which cases have been reported in the past year, the largest number being located in Madison County.

Additional cases have been reported from five counties in the central part of the state and from three in south Florida, the southernmost being Broward.

The cholera threat is no news to anyone who keeps abreast of swine industry developments. Livestock regulatory and sanitary officials, scientific and research authorities and others throughout the nation are confident the swine industry in the United States is "sitting on a keg of dynamite." Swine raisers, they say, have been neglecting precautionary measures for the past several years and now they are ripe for a catastrophe—a major outbreak that could wipe out millions of hogs and deal the industry a terrific blow.

It has happened in the past. Hog cholera, a purely American disease, has been around for more than 125 years and has spread to many parts of the world. Right now Canada, which eradicated cholera many years ago and has been carrying on its eradication control for a few thousand dollars a year, is fighting one of the worst outbreaks in 20 years. Since early October 1960 up to the end of February of this year, it has cost the Canadian government more than $500,000 in indemnities for about 21,000 hogs destroyed due to infection or exposure to cholera. By March 1, of this year, however, it was believed the situation was under control.

Canadian authorities attribute their outbreak to scraps of imported United States fresh pork and hint of an embargo on United States pork imports. Imports of pork from the United States already are embargoed in a number of countries due to the prevalence of hog cholera here. Eradication proponents point to the possibilities for increased hog production once the market demand is expanded by lifting of such restrictions.

Florida's current efforts to control cholera are backed up by rules and regulations that are among the most advanced in the nation, according to Dr. M. E. Meadows, Jr., Chief of the Division of Animal Industry's section of Contagious and Infectious Diseases. It is one of 34 states which have barred the use of live virus vaccines—the kind that sets up new pockets of infection where used. Garbage cooking regulations for commercial feeders are strictly enforced. Anyone suspecting a case of hog cholera is required by law to report it to proper authorities. Careful inspection is given all hogs brought to market.

Nevertheless, outbreaks of cholera are recurring periodically as producers become careless between outbreaks and neglect good management practices which can assure their herds' protection.

Complete eradication, on a nationwide basis, is the only solution to Florida's problem, in the opinion of the state committee.

In the meantime, many national groups have swung behind a movement to get a national eradication program underway and indications are that Congress will be asked to approve such a program during its present session.

However, Florida's plans have progressed rapidly and if the 1961 Legislature enacts legislation for a statewide effort, Florida will be the first state in the nation to begin on hog cholera eradication.

U.S. agricultural products will be exhibited in 1961 in several European countries, in Asia, and in South America. The aim, Secretary Freeman says, is to build dollar markets for these products.
HI COMMAND... is the name of the Hampshire boar recently purchased by Douglas Hampshire Farm.

**Douglas Buys Hampshire Boar**

LATEST ADDITION to the purebred herd at the Douglas Hampshire Farm near Morriston is **Hi Command**, a registered boar out of bloodlines showing a high percentage of pigs eligible for registration, good show ring record, with uniformity and extra large muscle development.

**Hi Command** was farrowed July 27, 1960, one of a certified litter sired by **Master Mist**, a certified meat sire, out of **Jupiter’s Maid**, a production registered sow. The sire’s record shows ten pigs of the first five certified litters averaging 7.20 square inches in loin area. Litters averaged 8.6 pigs, weighing an aggregate 431.6 pounds at 56 days production registry weight. They averaged 200 pounds each in 173 days, weighed 218 pounds at slaughter, and measured 29.876 inches in length, with 1.376 inches backfat.

J. H. Douglas, owner of the Morris­ton farm, selected the boar from the herd of John B. Broek, Sioux City, Iowa. Douglas is convinced that Florida conditions are favorable for swine raising. “They can grow here just as well as in Iowa or elsewhere provided you start with the right seed stock,” he maintains.

Familiar with swine raising all his life, Douglas prefers Hampshire for ease of handling, quality and mothering ability. He started his purebred enterprise in the spring of 1958, when he dispersed his commercial stock. His herd now contains 50 brood sows and he is continually selecting better gilts. He finds that raising his own replacement gilts—watching them as they grow—is better than buying them, but prefers to acquire boars from outside the herd.

**County Agents Named**

JAMES C. MccALL, vocational ag teacher at Quincy, has been appointed associate Jackson County agent and will conduct a rural development program there.

J. Lowell Loadholtz, for seven years a Florida 4-H Club boy, is now assistant Escambia County agent, succeeding La­mar Bell.

The appointments were announced by director of the state’s extension service.

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**Advertise!**

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4th Annual

**RODEO**

May 5-6-7

Friday-Saturday—8:00 P.M.

Sunday—2:30 P.M.

Produced by St. Augustine Horsemen’s Club

County Fair Grounds, Rt. 207

St. Augustine, Fla.

$600 Added Prize Money

Contestants, contact:

Ray McCullough

Box 175, Hastings, Fla.
Florida State Fair Youth Beef
Show Results Are Listed

FFA and 4-H Club members from different areas of the state brought their livestock projects to be judged at Tampa. Beef cattle were exhibited in classes by breed, and championships awarded in separate FFA and 4-H divisions.

Blue ribbon winners, with championships shown in parentheses, were as follows:

**FFA Angus**
- Bulls calved between Jan. 1 and Aug. 31, 1960 (1)—Blues to: Turkey Creek, Elmoreere (reserve grand champion), Turkey Creek FFA, Pinecrest.
- Prince Keel of Turkey Creek 5, Turkey Creek; El Clair Elmoreere 863, Turkey Creek; Bardolomere 4DF, Jeff Daughtery, Wauchula.
- Females calved between May 1 and Dec. 31, 1959 (5)—Blues to: Prince Keel of Turkey Creek 3 (grand champion), Turkey Creek; Offiameere of Alexander, O. R. Alexander, Branden.
- Bulls calved between July 1, 1958 and April 30, 1959 (2)—Blues to: Eilemmoreer of Coastalermere, Females calved between Jan. 1 and Aug. 31, 1959 (7)—Blues to: Blackcap Barbara of Lazy K, Larry Yeak, Summerfield; Betty H. of TCHS, Turkey Creek; Queen Mother of Turkey Creek, Turkey Creek.
- Females calved between May 1 and Dec. 31, 1959 (6)—Blues to: Dundee Erica 1189, Turkey Creek; Queen of Turkey Creek, Turkey Creek; Females calved between July 1, 1958 and April 30, 1959 (12)—Blues to: Barbara 4DF (grand champion), Daughtery; Barbara SCY 144 (reserve grand champion), Randy Medard, Brandon; Lucky Carrie Jr., Jerry C. Lawrence, Wauchula; Blackcap Eva Bar, James Duncan, Ocala.
- Females calved before June 30, 1958 (4)—Blues to: Bandolomere Georgina, Johnny Burnett, Ocala.

**FFA Brahman**
- Bulls calved between Jan. 1 and Aug. 31, 1959 (1)—Blues to: WHS Thackery Imporeator (grand champion), C. L. Thornhill, Jr., Winter Haven.
- Bulls calved between May 1 and Dec. 31, 1958 (1)—Blues to: Bar D Van Dono Masso 203 (reserve grand champion), Belle Grade FFA.

**FFA Herefords**
- Bulls calved between Jan. 1 and Aug. 31, 1960 (5)—Blues to: KPH Pawnee Mixer (reserve grand champion), Joe Kirkland.
- Bulls calved between May 1 and Dec. 31, 1959 (2)—Blues to: Fakahoe FFA.
- Bulls calved between July 1, 1958 and April 30, 1959 (2)—Blues to: J. F. Silver Aster 536 (grand champion), George Colverhouse, Fort Pierce.
- Females calved between Jan. 1 and Aug. 31, 1960 (3)—Blues to: KPH Lady Heir 8, Kirkland.
- Females calved between May 1 and Dec. 31, 1959 (3)—Blues to: Creek Colorado Princeta (grand champion), Charles R. Jenkins, Kaitzel; Creek Zato Heirsea 9, Darcey FFA.
- Females calved between July 1, 1958 and April 30, 1959 (1)—Blues to: DH Zato Anxiety Miss 67 (reserve grand champion), Culverhouse.

**FFA Santa Gertrudis**
- Bulls calved between Jan. 1 and Aug. 31, 1960 (1)—Blues to: Poncho’s Ferdinand (grand champion), Pinecrest FFA.
- Females calved between July 1, 1958 and April 30, 1959 (2)—Blues to: Pinoyl (grand champion), Pinecrest; Cresta Rose (reserve champion), Pinecrest.

**FFA Shorthorns**
- Bulls calved between July 1, 1958 and April 30, 1959 (1)—Blues to: DR Dorothy Flower (grand champion), Charles D. Waller, Bartow.

**4-H Angus**
- Bulls calved between Jan. 1 and Aug. 31, 1960 (2)—Blues to: Hughes Eilemmere 85 (grand champion), Curtis Wayne Hughes, Ellenton; Disco Jago, Tony Vernon, Tampa.
- Bulls calved between May 1 and Dec. 31, 1959 (4)—Blues to: M & M Bardolomere (reserve grand champion), Faf Wooten, Moore Haven; King Hiram, Gail Gaintey, Micowago, Walla.
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KING LAURO P-56,247
STUD FEE: $100—Register of Merit cutting and reining. Almost an AQHA champion.

Sire: Lauren P-1571
Dam: Sonora Honey Kay P-34,045

Wimpy P-1
Mayores Brown
King P-234
Honey P-1137

HONEY KARNES P-61,095
STUD FEE: $100—Doublebred King stallion, Palomino in color, 10 halter points and nearly reining Register of Merit.

Sire: Honey Dodger P-40,049
Dam: Crew’s Starlight P-34,092

Brown Dodger P-22,959
Dun Horse P-2,972
Silver Light P-14,398
Molly May

POCO DIGIT P-92,857
STUD FEE, $75—A good cutting horse, tracing five times to Old Sorrel, and three times to Little Joe.

Sire: Poco Bueno P-3044
Dam: Peppy’s Tonio P-45,062

King P-234
Miss Taylor 2636
Peppy P-212
Tonio 4683

TAMBO BAR
STUD FEE, $75—A direct grandnep of Hollywood Gold, making a good cutting horse.

Sire: Steel Bars P-55,432
Dam: Trayler’s Don P-38,285

Three Bars TB
Joan P-3240
Hollywood Gold P-2220
Miss Tommy 99 P-478

HILL BILLY P-86,783
STUD FEE, $150—An own son of King of America, a good cutting horse.

Sire: King P-234
Dam: Annie P-1137

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A. E. Squires, Michael W. Pooser, Arcadia; Knollwood Eilenmire 19, Roy D. Lundy, Jr., Moore Haven;
Farmers calved between Jan. 1 and Aug. 31, 1960.—Blues to: Hughes Bluebird Lady (grand champion), Hughes; Wallis Acres Squires Everlyn; Bonnie Lee Cellier, Arcadia;
Farmers calved between May 1 and Dec. 31, 1959.—Blues to: Denander Mikes Burgos, Pooser; Wallis Acres Lucky Barbara, Mike Bowden, Clewiston; Sue Bdolard, Carl Willis, Clewiston;
Females calved between July 1, 1958 and April 30, 1959.—Blues to: Hughes Edwina (reserve grand champion), Ann Fletcher, Arcadia; Kenneth B. Davis, Panta Gorda; Wallis Acres Snowdrop, Pooser;
Females calved before June 30, 1958.—Blues to: Blackcap Bessie of RRK, Ann Martin, Plant City; Blackcap L, Tonymy D, Permerst, Arcadia.

4-H Brahman
Bulls calved between Jan. 1, and Aug. 31; 1960.
(4)—Blues to: T.B. Emperor Manso (grand champion), Sunley Bronson, Clewiston; Emperor’s Buds (reserve grand champion), Steve Bronson, Clewiston; WBS Reckard Emperor 801/1, C. Eugene Hoitier, Plant City; T.B. Emperor, Judy Montideos, Clewiston;
Bulls calved between May 1 and Dec. 31, 1959.—Blues to: Mr. Duson 121, Hooker; females between Jan. 1 and Aug. 31, 1960.—Blues to: Empress Peggy (grand champion), Sherry Bronson, Clewiston; ADS Empress of the Milk 121, Hooker;
Bulls calved between May 1 and Dec. 31, 1959.—Blues to: Lady Duson 121 (reserve grand champion), Hooker; Bar D Queen S Man 105, Hooker.

4-H Herefords
(1)—K.H.R Super Heifer 7, reserve grand champion, Earl Kirkland, Lakeland;
Bulls calved between July 1, 1958 and April 30, 1959.—Blues to: Redland D Caldo (grand champion), Janie Peetees, Moore Haven;
Females calved between Jan. 1, and Aug. 31, 1959.—Blues to: Lady Larry 112 (reserve grand champion), Mike Wheeler, Clewiston; Lady Banks 1, Wendy Banks, Tampa;
Females calved before June 30, 1959.—Blues to: SFI Larraveit 29 (grand champion), Hillsborough 4 H Club.

4-H Shorthorns
Females calved between May 1, and Dec. 31, 1959.
(4)—Roan Lady (grand champion), Danny Kesper, Clewiston; Happiness (reserve grand champion), Henry Bowden, Clewiston;
Females calved between July 1, 1958 and April 30, 1959.—Blues to: Dorothy, Bobby Reddish, Clewiston.

S horn Winners
(Continued from page 56)
Serve senior champion), Smith;
Senior yearling bulls (1)—Loudus Viking, Smith;
Junior yearling bulls (3)—Jacklen Master Stark, Jacklen Farms, Plant City; E Bar Souvenir Center, Jacklen; Marebiltr Restoroution, Smith;
Summer vaching bulls (4)—R.R. Prinefer, Smith; Jacklen Sensation, Jacklen; Jacklen Fascination, Jacklen;
Senior bull calves (2)—Jacklen Connnession, Jacklen; Bachelor’s Receiver, Smith;
Junior bull calves (3)—Jacklen Red Robin (reserve grand champion, junior champion), Jacklen; Jacklen All-Star Mercury, Jacklen; S.R. Blackmuster, Smith;
Summer bull calves (2)—Jacklen Admiration (reserve junior champion), Jacklen; S.R. Red King, Smith;
Three bulls (4)—Smith; Jacklen; Jacklen; two bulls (3)— Jacklen; Jacklen; Smith;
Two year old heifers (2)—Sandoon Princess of Texas, Smith; Denador of Texas Beauty 2d (reserve senior champion), Jacklen;
Junior yearling heifers (3)—Marebiltr Clipper Ella 6th, (reserve grand champion, junior champion), Smith; Jacklen White Jewel B, Jacklen; White Jewel, Smith;
Senior heifer calves (2)—Jacklen Corona Cranios (reserve junior champion), Jacklen; S.R. Lady Golden, Smith;
Junior heifer calves (3)—Jacklen Rona Beauty 2d, Jacklen; S.R. Orange Bloom, Smith; Jacklen White Jewel B, Jacklen;
Summer heifer calves (1)—S.R. Princess Royal 2d, Smith;
Two females (3)—Jacklen; Jacklen; Smith;
Pair of yearlings (3)—Smith; Jacklen; Smith;
Get of sire (5)—Get of W.L. Bank Standard 8th, Jacklen; get of W. L. Bank Standard 8th, Jacklen;
Junior get of sire (6)—Get of W. L. Bank Standard 8th, Jacklen; get of W. L. Bank Standard 8th, Jacklen;
Junior get of sire (6)—Get of W. L. Bank Standard 8th, Jacklen; get of W. L. Bank Standard 8th, Jacklen;
Pair of calves (4)—Jacklen; Jacklen; Smith.

for April, 1961 69
COWBOY CHAMPS . . . for 1960 were photographed as they received their trophy saddles at the Circle T Ranch Rodeo in Indiantown, from left: Mrs. Shirley Reaves, Laccoochee, barrel racing; Barney Faircloth, Ocala, all-round champion, calf roping and bulldogging; Gene Aberle, Vero Beach, saddle bronc riding; and Gene Carter, bareback bronc and bull riding.

Rodeo Results

UPCOMING RODEOS in Plant City and St. Augustine are slated in April and May respectively, with the Rotary Club’s event at Plant City to be held on Friday and Saturday nights, April 14-15, with four contest events plus a cloverleaf race for girls, with $75 prize money, and the St. Augustine Horsemen’s Club show to be held at the Fair Grounds May 5-7, with night shows on Friday and Saturday and a Sunday afternoon performance.

Mrs. Raymond Futch of Plant City is handling entries for the Plant City show, and Ray McCullough of Hastings is in charge for the St. Augustine event.

Winners at Kissimmee’s Silver Spurs Rodeo, held in February, in order by events, with winning time in parentheses, were as follows:

Bareback bronc riding—First go-round: Jack Hubbard, Cary Carter and Steve Grod (tied for second), Johnny Crethers; Second go-round: Carter, Ken Williams, Gene Carter, Ronnie Brown; Average: Cary Carter, Hubbard, Gene Carter, Ken Williams;

Saddle bronc riding—First go-round: Williams and Lee Wheaton (tied for first), Jim D. Jones, J. R. Williams; Second go-round: Jones, Babe Ashton, J. R. Williams, Wheaton; Third go-round: Wheaton, Ashton, Dax Baxter, J. R. Williams; Average: Wheaton, Jones, J. R. Williams, Ashton;

Bull riding—First go-round: Dick Barrett, Neil Samuels and Charlie Martin (tied for second), Gene Carter, Ed Froehlich and Jim Knowles (tied for third), Second go-round: Samuels, Martin, Howard Barker, Wheaton; Average: Samuels, Martin, Ken Williams, Wheaton;

Calf roping—First go-round: Barney Faircloth (13.9 seconds), Addy Jones, Peewee White, Kirby Hancock; Second go-round: Jerry Bob Hansen (13.6 seconds), Jim D. Jones, Terry Calderon, Ted Smallley; Average: Faircloth, Addy Jones, Hansen, Smallley;

Bulldogging—First go-round: Dicky Flowers (5.4 seconds), Jim D. Jones, John Tisdale, Wayne Brackeen; Second go-round: Barney Faircloth (9.2 seconds), Bobby Hare, Jim D. Jones, Tisdale; Average: Jim D. Jones, Faircloth, Tisdale, Hare and Bob Hale (tied for fourth).

J. C. Bass is the new president of the Okeechobee County Cattlemen’s Association, elected recently to succeed J. O. Pearce, Jr. Others elected were Forrest Pearce, vice president, and Clifford Boysles, secretary. Wallace Stevens was named Beef Council representative.
This Month

by WM. L. SIPPEL, V.M.D.

This month has been Salmonelia month as we have recovered that organism from cattle from eight different ranches, horses from four ranches and three groups of pigs.

During this month we also diagnosed equine infectious anemia (swamp fever) in nine groups of horses or ponies. We have had our usual number of fecal specimens from which flukes and internal parasites have been recovered. Now is the time to worm your cattle and include fluke medicine if in a "flukey" area. We have run a large number of samples for anaplasmosis and discovered many carriers. Our usual large number of samples for leptospirosis and vibriosis tests have also been received.

Veterinarians are sending us increasing numbers of milk samples for antibiotic sensitivity testing and identification of bacteria causing mastitis. Other cattle diseases found have been a very severe bowel infection in one group of calves, another suspected of having virus diarrhea, diarrhea caused by coliform organisms in some dairy calves, malignant edema in a calf and nightshade poisoning in a cow. An unusual case was the finding of an infection on the inside of the heart of a cow that had spread to many organs of the body. This cow was in very poor condition and had difficulty in rising due to weakness. Her symptoms reminded one of this same condition in people.

Diseases of swine diagnosed during February included one case of cholera, two of erysipelas, one of gut edema, in addition to the usual number of samples.

A horse was found to be suffering from crotalaria poisoning as evidenced by changes in its liver. Another unusual case was a sheep suffering from crotalaria poisoning as evidenced by changes in its liver.

Disease records for April for the past two years show that we can expect the appearance of cases of parasitism and liver fluke infestation. We have also found unusual numbers of cases of copper deficiency during March in past years. Cattle aborting, either full term or very early calves, have come to our attention in April.

Your veterinarian will assist you in getting the proper specimen to the laboratory, which should include the refrigerated fetus and part of the afterbirth in formaldehyde. White muscle disease is most prevalent in April and May and is found in calves nursing cows grazing excellent clover pastures. As this disease is seen only on this type of pasture, it is one an owner can brag about having.
Pinellas Fair—Has Large Quarter Horse Show

In addition to a very large pony, and open horse show, Pinellas County Fair had a good sized Quarter Horse show this year as usual.

There was the full complement of halter classes along with finals in cutting horse competition. The preliminaries of the cutting were held at Bill Lester's ranch in Ellenton prior to the fair show, and six horses were selected to perform at the fair arena.

The judge for all of the Quarter Horse events was Fox Parker of Ocala.

Cossie Lyons Farms' Jacob's Billy was named grand champion halter stallion, and Venus Blue, from the Wheeler Ranch won grand champion mare honors.

Monsieur Jody, ridden by Red Simpson, and owned by Preston Wells, both of Kissimmee, won the cutting, with total points.

The cutting winners were determined by adding all of the points received in each go-round of the eliminations, plus points earned in the finals held at the fairgrounds.

Winners are listed by classes with number entered in each class in parentheses:

Yearling stallions (3)—Unnamed, Russel Daniel, Oakdale Park; Pequeno Mel, Bettye Johns, Winter Garden; Chalk Lewis, Axel Lewis, Gainesville;

Two year old stallions (3)—Wakpala Miles, Daniel; Major Missile, William K. Allman, Tampa;

Apokpa, Francis E. Loomis, Winter Garden;

Stallions three years old and over (5)—Jacob's Billy (grand champion), Cossie Lyons Farms;

Pompano Beach; Bert Starkhurst (reserve grand champion), Glenn O. Murphy, Avon Park;

Frederick Turner, Daniel;

Yearling mares (4)—Daifa Sugar, Roger Forte, Orlando; Unnamed, Daniel; Ooe's Lady, Loomis;

Two year old mares (5)—Major King's Lu (reserve grand champion), W. H. Lester, St. Petersburg; Joy Dixie, Lester; Wakapala Jane, Daniel;

Mares three years old and over (6)—Venus Blue (grand champion), Wheeler Ranch, Baker; Debra F., Edward D. Cowart, Miami; Little Swifty, Daniel;

Geldings any age (4)—Colonel Concho, Daniel; Rocky Pat, George J. Cartier, Clearwater; Hamms Reed, Mrs. Glenn O. Murphy, Avon Park;

Registered Quarter Horse Pleasure Class (1)—Triangule Rambek, Francis and Shirley White, Winter Haven; Rocky Pat, Cartier; Duchess F.,
BOB LLOYD . . . with Venus Blue, grand champion mare at Largo, owned by Wheeler Ranch.

RED MARTIN . . . holds the grand champion stallion at Largo, Jacob's Billy, owned by Cossie Lyons Farms.

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Cutting (15)-Monsieur Jody, ridden by Simpson, owned by Wells; Misty King, ridden by Gene Roper, owned by William Candler of Kissimmee; Lee's Pride, ridden by George Harden, owned by Harden Brothers Farm, Sanford.

Liming First Need Of Florida Soils

Liming the soil may be considered the cornerstone of efficient crop and livestock production in peninsular Florida, according to Dr. W. L. Pritchett of Gainesville.

The soils chemist of the experiment station says that the light soils in humid regions tend to become more and more acid, especially during heavy rainfall in summer. Water leaches out the basic elements, particularly calcium, magnesium and potassium. Since these bases are also plant nutrients, we promote their removal by harvest, says Pritchett.

The soil acidity condition is also heightened by the use of mixer fertilizers, in themselves usually acid-forming, and heavy applications result in more rapid removal of the base elements by crops through increased production.

Liming, says Dr. Pritchett, neutralizes soil acidity, helps overcome toxic conditions where chemical residues have accumulated, promotes the availability of other plant nutrients, increases the efficiency of fertilizers, and encourages favorable bacterial activity.

The TENDENCY of beef to change color when exposed to air motivates new package wrappings and processes.

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BELLE GLADE, FLORIDA

LIVESTOCK NOTEBOOK

by T. J. CUNHA

Head, Department of Animal Husbandry and Nutrition

Florida Agricultural Experiment Station

Beef Cattle Short Course on Crossbreeding

ANYONE INTERESTED is invited to attend a Short Course to be held at Gainesville on April 20, 21, and 22, 1961. A special treat for the Short Course will be a talk by Dr. Ralph W. Phillips on “Beef Cattle and Their Adaptation to Various Areas of the World.” The talk will be illustrated with slides and should be very interesting.

Dr. Phillips has traveled all over the world and is the best authority on this subject. He is now Director of International Organization Affairs for USDA and is internationally recognized as one of the top authorities in the field of animal breeding.

Incidentally, I would encourage anyone interested in attending the Short Course to get reservations for rooms as early as possible.

Vitamin A Requirements Need to Be Re-evaluated

QUITE A FEW people have asked me about reports on Vitamins A and E recently. Hence, the following summary on this subject. For years it has been assumed that when cattle were fed a ration with sufficient carotene that their Vitamin A requirements would be adequately met through the conversion of carotene to Vitamin A.

Now, many reports are circulating that the use of supplemental Vitamin A is benefiting rations supposedly adequate in carotene. There is considerable speculation as to why we now have apparent Vitamin A deficiencies in cattle fed adequate levels of carotene, when supposedly this condition did not exist a few years ago.

One possible explanation which has been proposed is that we now have higher levels of nitrates and nitrites in plants due to higher levels of nitrogen fertilization of soils. These higher levels of nitrates and nitrites are in some way increasing the need for Vitamin A by the animal. There is also some indication that they may increase the need for Vitamin E. All of these studies indicate that we now need to re-evaluate the Vitamin A and E needs of animals being kept on feeds which may be high in nitrates and nitrites. Until more is known about this subject, livestock people should watch for symptoms of Vitamin A or Vitamin E deficiency in their animals.

Following are Vitamin A deficiency symptoms in cattle:

Muscular incoordination (staggering), night blindness (will run into objects not used to shortly after sunset, when light gets dim), convulsive seizures, excessive lacrimation (watering of the eyes), severe diarrhea in young calves and intermittent diarrhea at advanced stages of deficiency in adults. Vitamin A deficient bulbs decline in sexual activity and sperm decrease in numbers and motility and increase in abnormal forms. Vitamin A deficient cows may have difficulty in becoming pregnant, and if the deficiency is severe enough, may abort or give birth to dead, weak or blind calves. Feed lot cattle may show generalized edema which may occur with clinical symptoms of lameness in the hock and knee joints and swelling in the brisket area. Vitamin A deficiency can be detected by carotene and Vitamin A analyses of blood and liver tissues of cattle.

Following are Vitamin E deficiency symptoms in cattle:

Muscle dystrophy (white muscle disease) appears in calves between the ages of two and 12 weeks. The most common signs of a deficiency are heart failure and paralysis varying in severity from a slight lameness to complete inability to stand.

It should be stressed that some of the deficiency symptoms listed above can also occur with other deficiencies. Thus, check with your veterinarian and county agent to help evaluate what your trouble is in case you run into any of these deficiency symptoms. Of interest too is a report from Purdue which showed that fattening steers withstood the hot summer temperature better when they were supplemented with Vitamin A. They gained and stayed on feed better and had little or no panting as compared to those not given Vitamin A. Studies along this line are needed to determine if Vitamin A supplementation might be of benefit under Florida conditions.

Photos of Vitamin A and Vitamin E deficiencies and discussion of requirements of all nutrients by cattle are available in a publication entitled “Nutritional Requirements of Cattle.” This publication costs $1.00 and can be obtained by writing to Publications Office, National Academy of Sciences, 2101 Constitution Avenue, Washington 25, D. C.
The Florida Dairy Farmer

Special Section of The Florida Cattleman and Livestock Journal for April 1961
How to increase your dairy profits for less than 2¢ per day per cow

The answer to making more money in the dairy business is simple. Just get more production per cow. But how? That's the problem.

Profitable increases in production don't come from larger herds, but from greater production from each cow in the herd.

In any analysis of cost and profit from dairy farming, the basic factor is a cow. So let's look at this all-important profit factor in your business more closely.

In nature's world the cow was a ruminant animal that grazed on nature's roughages - grass, herbs and bitters. She had her calf yearly and gave about 150 qts. of milk, or just enough to wean her calf.

Today we have taken the cow out of her natural pasture and put her in the milk barn. We push her around. We breed her through a straw. We attach machines to her udders and put 30 pounds of commercial feeds through her daily. And then we expect her to give from 6,000 to 10,000 pounds of milk a year.

We have to do all these things in order to show a profit. Yet, when we do them, we still keep the animal from producing all that she is capable of.

Today's commercial cow labors under a tremendous amount of stress. Because of this she is unable to digest her feed properly. She becomes undernourished. Milk production falls off.

The problem: How do we relieve the animal's stress so that she gets all the nutrition present in her feed? How do we see that she has all the necessary vitamins and minerals to keep her in good physical condition?

The answer is ISF CATTLE SPECIAL, a feed supplement that is the best blend of digestive aids, vitamins and minerals that science can perfect.

The digestive aids in CATTLE SPECIAL are from natural sources - herbs and bitters - and are the same aids the animal used before it was commercialized. They help make possible the efficient feeding of 30 pounds of commercial feed daily.

Any animal will produce better when not laboring under stress. By feeding CATTLE SPECIAL we relieve a tremendous amount of stress from the animal's system, especially on the digestive and reproductive organs.

An important ingredient of CATTLE SPECIAL that helps the animal get maximum nutrition from its feed is natural, live rumen bacteria. These rumen bacteria do four things. They digest cellulose in roughage which cannot be entirely digested by the intestinal juices. They manufacture high quality protein from feeds as well as from urea. They make B vitamins, and most importantly, they relieve stress by these means.

With healthy rumen bacteria present and proper feeding, the cow itself can supply every known vitamin necessary for milk production and reproduction with the exception of vitamins A, D and E. These three vitamins are properly blended and added to the CATTLE SPECIAL formula.

Another problem is the tremendous drain of minerals from the modern dairy cow's system. These minerals are given off in the milk. If these minerals aren't replaced daily through feeding they will drain the animal's system of its natural mineral supply. This means a deficient cow that can only give the dairyman troubles, not economical milk production.

But having minerals present in any given formula is only part of the battle to provide complete mineral nutrition. If minerals are not able to be solubilized, they cannot be assimilated in the animal's system, and thus they are useless and wasted.

CATTLE SPECIAL contains the proper blend of all necessary minerals and trace elements in adequate amounts in a most readily solubilized form.

Some of the more important minerals are cobalt for the manufacture of vitamin B12; copper for blood formation; phosphorus for production, appetite, growth; sodium sulfate for protein building. All other necessary minerals are present.

CATTLE SPECIAL does not contain salt.

To sum up: CATTLE SPECIAL seeds the rumen with proper bacteria, gives the animal a balanced mineral diet, provides the three vitamins it cannot produce itself. Most important of all, it helps the animal gain the maximum amount of nutrition from every pound of feed it consumes through natural digestive aids.

The ingredients of CATTLE SPECIAL are not found in any bag of commercial feed, in any commercial mineral or in improved pasture.

ISF CATTLE SPECIAL can help you make more money on your present herd by keeping the animal in a high state of nutrition with good general health, an improved appetite and good digestion. In such animals there is a high conception rate and very few cases of retained afterbirth.

Your International Stock Food Corporation of Georgia representative will be glad to call on you with more information on the nutrition of cattle. Mail coupon below, right away.
MILK COMMISSION Plans
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by HOWARD D. WALTON
Adm., Fla. Milk Comm.

THE FLORIDA CATTLEMAN has asked that I outline "What's Ahead in 1961" for the Florida dairy industry operating in the three milk marketing areas under the supervision and regulation of the Florida Milk Commission. I appreciate this opportunity as a means of reaching so many of the industry members and those who do not frequently come in personal contact with us.

At the Commission meeting to be held on March 24, Cherry Plaza Hotel, Orlando, Florida, a number of topics will be considered that are of general interest to everyone in the industry. One item concerns a proposed amendment to Official Order 28-5 that describes our present three classifications of producer milk.

Secondly, and much larger in scope for consideration on March 24, are nine proposed amendments to the Milk Commission law, (Chapter 501, F.S.). This article will undoubtedly reach you after the March 24 meeting has been held, so I will not comment further, other than to say that a report will be mailed to each of you giving the details of any action taken by the Commission.

At mid-year, (perhaps late June or July) a public hearing will be scheduled for the purpose of considering all matters incidental to producer pricing, classification, base regulation and production control, including but not limited to:

A. Replacing the present individual distributor or "plant" pool (as established by the current "base plan," Order 20-11), with a "market wide pool" having base percentage and production control, or
B. Amending the present base plan order 20-11 to provide for an annual base adjustment period where a plant's Class I sales are on the increase in lieu of the open base race feature which has been responsible for creating surplus far in excess of plant needs.

B. The adjustment, if necessary, upward or downward, of producer prices for all classifications of milk based on cost of production surveys and other pertinent evidence, or
E. Establish and set the producer price for all classifications of milk by formula utilizing certain standard cost factors and providing for regular revision dates.

C. Base freeze orders.
D. Transportation rates.
E. Surplus and deficit production controls.
F. Military milk prices.

All of this presents a rather imposing schedule that will require an extensive hearing. However, the industry, and particularly the producers, should not view the prospects of this hearing with any alarm. Rather, I would hope that you will consider this hearing an opportunity both from the standpoint of the industry and the Commission for all of us to determine in what manner we need to modify, improve or combine our various regulations so that Florida can continue to have the best possible state administered milk marketing control program.

Of course, I should emphasize that the Commission has not committed itself to any specific change in the above mentioned regulations and will only consider doing so after hearing testimony from all interested parties.

In respect to pricing milk, many of you will recall that this Commission sponsored a cost of production survey instanced by the Department of Agricultural Economics, under the direction of Dr. R. E. L. Greene, at the University of Florida for each of the three marketing areas. The Northeast Florida and Central Florida surveys were made for the calendar year 1958, and the Tampa Bay survey covered the calendar year 1959. These surveys will be considered by the Commission at the time of the hearing, and currently Dr. Greene, at our request, has underway a re-sampling of the Central Florida group to determine and report to us any significant change in basic cost factors.

In addition, you will be interested to know that during the month of April, I will mail to each producer a set of forms to be filled out and returned prior to the hearing, that will allow the individual producer to indicate the cost of production for 1960 as he knows it to be from his own records. It will be important for each producer to keep his 1960 tax records available for use in completing these forms.

This is an opportune time for me to emphasize that all producers must constantly strive for better and more economical farm management, if they want their milk supply to continue moving in a very competitive market. There is far more to be gained by reducing cost wherever possible than will be available through price increases. Valuable assistance is available to each producer through the Agricultural Extension Service, University of Florida, that has already published several very fine Dairy Farm Business Analyses.

In conclusion, I want to take this opportunity to thank all of our industry associations who have contributed greatly to making my work considerably easier in administering regulations affecting such a large and constantly changing segment of Florida's agricultural industry.

for April, 1961

Replacement Heifers?
We have them
HOLSTEINS
BROWN SWISS

These heifers are daughters of the cows that won us the 1959 record for the high average herd in producing an average of 10,926 actual pounds of milk per cow! These heifers are all springing and are about two years old. There are Holstein and Brown Swiss as well as some grade heifers in the group and they are available year round. And they are all Florida acclimated.

If you need top producers, you can't afford to pass up an opportunity to inspect and buy these heifers—Available NOW!

For information, contact:

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4300 N. Military Trail
West Palm Beach
Phone OV 3-1701
STATE 4-H DAIRY SHOW at Orlando Draws Exhibitors

One of the big events of the Florida 4-H club year—they annual state dairy show—brought an impressive assemblage of youngsters with their livestock projects from 24 counties to Orlando February 27-March 1. The show, 14th in the series, was part of the Central Florida Fair program.

The four breeds attracting the greatest competition among the 145 entries were Jersey, Guernsey, Ayrshire, and Holstein in that order, and there were a few Brown Swiss entries as well as two registered Dutch Belt cattle from Palm Beach County, shown by Peggy and Oren Bitting.

Two Orange County entries captured all the title honors for registered Jerseys. Mary Frances Fischer’s Playboy’s Abbie of CCF was declared grand champion. Reserve champion and junior champion honors went to Golden Etta Fern Dress, a heifer calf owned by Marshall Dumford.

Barbara Ward, Orange, shoved the grand champion and senior champion registered Guernsey, Castle Brook Le Charmaine. Leslie L. Smith, Pasco, had the reserve grand champion, Masonry Rebecca’s Clara, and Freddy Ward, Orange, had the junior champion, Lay Laine I. Snowdrop, a junior yearling heifer.

Hillsborough entries capturing top honors for registered Ayrshires were Jane Vernon’s Snyd-Ayr Stella, grand champion and senior champion; Toni Vernon’s Snyd-Ayr Della, reserve grand champion. Junior champion was Dixie’s Major Lilac, shown by Olis Tyson.

Donald McNish of Hillsborough showed the grand champion and junior champion registered Holstein in his Eureka Piette Sensation Lillly. Maureen McNish had the reserve grand champion, Eureka Piette Sensation Lillly.

Grand champion and junior champion registered Brown Swiss was Airport Squire Rosa, a heifer calf entered by Jane Weirengo of Palm Beach.

Grand champions were the Jersey owned by Jessie Clemmons of Duval; Guernsey, Johnnie Bowie, Duval; Holstein, Mike Gilley of Palm Beach.

The Orange County team placed first in the judging contest, with Hillsborough second and Nassau third. Ray Tamargo, Hillsborough, had the highest individual score, 288 out of a possible 300.

Blue ribbon winners, with number of entries in parentheses, were:

Registered Jerseys
Heifer calves (9)—Golden Etta Fern Dream (reserve grand champion, junior champion), Marshall Dumford, Orange; Pioneer’s Little Star, Mike Dunston, Polk; Favor Design Vanessa, Renee Preston, Suwannee; Junior yearling heifers (8)—Brampton Honey’s Sparkle, Jeannette Foote, Orange; Lee’s Star Light, Bob Lee, Polk; Unnamed, Martha Futsch, Leon; Senior yearling heifers (7)—Lil Lilac Sensation, Suwannee; Jane Clecmmons (grand champion, senior champion), Jerry Oakes, Polk; Two-year-old cows (8)—Beacon’s Oxford Leola, Foote; World’s Record Ann Dreamer, James Balkcom, Duval; Unnamed, Catherine Cummock; Three-year-old cows (5)—Dandy Standard Rachel Cherry, Diana Garrett, Polk; Favor Design Eddy, Joseph Black, Duval; Kerns Sparkling Filipp Stad, Jev Paterson, Orange;

Registered Guernseys
Heifer calves (6)—Laylains Doreen’s Lois, Clara Ward, Orange; Lakemont Olsen’s Nanny, David Ward, Orange; Red Point Bft. Flo., Leslie L. Smith, Pasco; Junior yearling heifers (9)—Lay Laine I. Snowdrop (junior champion), Freddy Ward, Orange; Vic-zor Kiwanisix, Jake Schneick, Duval; Lay Laine Steffan’s Alesha, Van Doorne, Suwannee; Senior yearling heifers (4)—Don Hogg, ALSO, Nassau; Richard Foster, Suwannee; Two-year-old cows (3)—Jessie Clemmons (grand champion, senior champion); John Velacce, Pasco; Junior yearling heifers (9)—James Balkcom, Duval;

Registered Ayrshires
Heifer calves (6)—Laylains Doreen’s Lois, Clara Ward, Orange; Lakemont Olsen’s Nanny, David Ward, Orange; Red Point Bft. Flo., Leslie L. Smith, Pasco; Junior yearling heifers (8)—Lay Laine I. Snowdrop (junior champion), Freddy Ward, Orange; Vic-zor Kiwanisix, Jake Schneick, Duval; Lay Laine Steffan’s Alesha, Van Doorne, Suwannee; Senior yearling heifers (4)—Don Hogg, ALSO, Nassau; Richard Foster, Suwannee; Two-year-old cows (3)—Castle Brook Le Charmaine (grand champion, senior champion), Barbara Ward, Suwannee River, Kathy Bispham, Suwannee; Cross Arrow A. Ira, Bevo Bispham, Suwannee; Best bred by exhibitor (4)—Leslie Smith; Barbara Ward; Robert Chason.

Grade Jerseys
Heifer calves (7)—Johnny Harper, Waikulla; Emmett Farrell, Wakulla; Junior yearling heifers (7)—Jimmy Register (reserve grand champion, junior champion); Gaye Warneke, Leon; Joyce Hatcher, Leon; Senior yearling heifers (3)—Don Hogg, ALSO, Nassau; Richard Foster, Suwannee; Two-year-old cows (3)—Jessie Clemmons (grand champion, senior champion); John Velacce, Pasco; Junior yearling heifers (8)—James Balkcom, Duval;

Registered Guernseys
Heifer calves (6)—Laylains Doreen’s Lois, Clara Ward, Orange; Lakemont Olsen’s Nanny, David Ward, Orange; Red Point Bft. Flo., Leslie L. Smith, Pasco; Junior yearling heifers (9)—Lay Laine I. Snowdrop (junior champion), Freddy Ward, Orange; Vic-zor Kiwanisix, Jake Schneick, Duval; Lay Laine Steffan’s Alesha, Van Doorne, Suwannee; Senior yearling heifers (4)—Don Hogg, ALSO, Nassau; Richard Foster, Suwannee; Two-year-old cows (3)—Castle Brook Le Charmaine (grand champion, senior champion), Barbara Ward, Suwannee River, Kathy Bispham, Suwannee; Cross Arrow A. Ira, Bevo Bispham, Suwannee; Best bred by exhibitor (4)—Leslie Smith; Barbara Ward; Robert Chason.

Grade Guernseys
Heifer calves (1)—Ronald Stewart, Manatee; Junior yearling heifers (9)—Johnnie Bowie, Duval; Senior yearling heifers (3)—Castle Brook Le Charmaine (grand champion, senior champion), Barbara Ward, Suwannee River, Kathy Bispham, Suwannee; Cross Arrow A. Ira, Bevo Bispham, Suwannee; Best bred by exhibitor (4)—Leslie Smith; Barbara Ward; Robert Chason.

Registered Ayrshires
Heifer calves (3)—Tamarro’s Lively Miss Liz, Raymon Tramero, Jr., Hillsborough; Dixie’s Lively Elsida, Ronnie Simpson, Hillsborough; Junior yearling heifers (6)—Dixie’s Major Lilac (junior champion), Ollis Tyson, Hillsborough; Dixie’s Clippy Tillie-O, June Tyson, Hillsborough; Dixie’s Loyal Eddie Gory, Jane Vernon, Hillsborough; Senior yearling heifers (5)—Dixie’s Lively Daisy, Toni Vernon, Hillsborough; Two-year-old cows (1)—Unnamed, Junia Wilson; Four-year-old and older cows (3)—Snyd-Ayr Stella (grand champion, senior champion), Jane Vernon, Hillsborough; Snyd-Ayr Della (reserve grand champion), Toni Vernon, Hillsborough; Draper Dixie Melody, Larry Hatt, Orange; Best bred by exhibitor (5)—Jane Vernon; Toni Vernon.

Registered Holsteins
Junior yearling heifers (1)—Sabah Palm Sovereign Addie, Kenna Price, Palm Beach; Senior yearling heifers (2)—Eureka Piette Sensation Rosel (grand champion, junior champion), Donald R. McNish, Hillsborough; Eureka Piette Sensation Lillly (reserve grand champion), Maureen McNish, Hillsborough.

Grande Holsteins
Heifer calves (9)—Mike Gilley (grand champion, junior champion), Palm Beach; Nancy Boatwright, Suwannee; Glen Byrd, Dade; Junior yearling heifers...
Insemination
School Slated

Training in the practice of artificial insemination will be offered to dairy and beef cattlemen through two courses conducted at Jacksonville by Noba, Inc., according to Jim Christian, Florida representative.

The first four-day artificial insemination school will be held April 25-28, with a second school scheduled for May 2-5. Christian said that attendance would be limited to the first 25 applications for each training period. He stated that Noba has previously trained over 250 men in Florida to do their own insemination with frozen semen, and invited all cattlemen to register for these schools.

Anyone interested in attending either of the two instruction courses should contact Christian, whose office is in Lake Placid.

4-H Conference Set

“Citizenship in Four Dimensions” is the theme of the 1961 4-H national conference, scheduled April 22-28 in Washington. Four delegates from each of the 50 states and Puerto Rico will attend. All were selected for achievement, leadership, community service and citizenship.

Got Any Pennies?

W. A. BOUTWELL, Sr., of Lake Worth, finished eating his lunch during the annual meeting of the Florida Guernsey Cattle Club at Orlando on March 8 and then calmly proceeded to pass a paper cup around the table asking each person to drop in any pennies that he might have in his pocket.

A general announcement concerning the purpose of the collection was not given. Whenever a nickel, dime or anything larger than a penny was offered, Boutwell turned it down.

The purpose of his efforts became clear later in the afternoon when he was presented a plaque by the University of Florida Agricultural Extension Service for his efforts in behalf of the improvement fund of 4-H Camp Cloverleaf at Lake Placid.

It was announced that he started collecting pennies in 1955 at all meetings which he attended, regardless of any particular group’s interest in agriculture. The pennies were then wrapped and sent periodically to the extension men in Gainesville.

Boutwell must have been on the job because he has collected more than 15,000 one cent pieces!

Florida Citrus Pulp is more than a top-energy cattle feed—it is high in T.D.N. (total digestible nutrients, 74.9%). Dried citrus pulp by its very nature, saves the cattleman time and money because it’s so easy to feed, handle and store.

Thousands of cattlemen are finding it profitable to include Florida Citrus Pulp in their feeding program. The reason: Dollar for dollar, based on T.D.N. per 100 lbs. (your yardstick of feed values), Florida Citrus Pulp is your best feed buy.

FREE—Write today for your copy of Feeding Facts booklet on Florida Citrus Pulp

FREE—Write today for your copy of Feeding Facts booklet on Florida Citrus Pulp

Florida Citrus Pulp is more than a top-energy cattle feed—it is high in T.D.N. (total digestible nutrients, 74.9%). Dried citrus pulp by its very nature, saves the cattleman time and money because it’s so easy to feed, handle and store.

Thousands of cattlemen are finding it profitable to include Florida Citrus Pulp in their feeding program. The reason: Dollar for dollar, based on T.D.N. per 100 lbs. (your yardstick of feed values), Florida Citrus Pulp is your best feed buy.
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Check the features you need—Green Gates has all.

- Light weight—do not sag posts (12”-60 lbs.)
- Strong welded 1½ OD Steel tubing and fence wire—1” diagonal rod brace
- Adjustable hinges—ease in installation
- Rust resisting green finish—guaranteed non toxic to animals
- Extra heavy ½” hinge hanger bolts
- Prices you can’t duplicate—Highest value for dollar spent
- Quick service—these sizes shipped from stock—others available upon request

Cut out and save these prices for future reference

**THE PRICES ARE RIGHT**

<table>
<thead>
<tr>
<th>Length</th>
<th>Height</th>
<th>Weight</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’</td>
<td>4’3”</td>
<td>50 lbs.</td>
<td>$15.40</td>
</tr>
<tr>
<td>12’</td>
<td>4’3”</td>
<td>60 lbs.</td>
<td>17.25</td>
</tr>
<tr>
<td>14’</td>
<td>4’3”</td>
<td>70 lbs.</td>
<td>18.60</td>
</tr>
<tr>
<td>16’</td>
<td>4’3”</td>
<td>80 lbs.</td>
<td>19.95</td>
</tr>
</tbody>
</table>

FOB LEESBURG—Other lengths available

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Choice New York Dairy Heifers

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Don Schlesier

At Largo... the dairy show produced this winning Ayrshire owned by Melvin W. Vernon, Jr., Dover.

Dairy Show Big At Pinellas Fair

In the showing of dairy cattle at the recent Pinellas County Fair at Largo, the following winners (which are listed in order by classes with number of entries in parentheses) were selected:

**Ayrshires**

Bull calves (1)—Dixie’s Trespassing Paul, Melvin W. Vernon, Jr., Dover;

Junior yearling bulls (2)—Dixie’s Preferred Aristocrat (junior champion), Dixie Farms, Tampa;

Dixie’s Fancy Classification, Vernon;

Two year old bulls (1)—Dixie’s Royal Roy Raider (grand champion, senior champion), Dixie Farms;

Heifer calves (4)—Dixie’s Barry Doll, Dixie Farms; Dixie’s Lively Nightcap, Vernon; Dixie’s Fancy Rosetta, Vernon;

Junior yearling heifers (4)—Dixie’s Clippy Marecella, Dixie Farms; Dixie’s Clippy Marecella, Dixie Farms; Dixie’s Clippy Cove Girl, Dixie Farms;

Senior yearling heifers (2)—Dixie’s Judy Rose (junior champion) Dixie Farms; Dixie’s Clippy Marecella, Dixie Farms;

Top Guernsey Bull... at the Largo event was this fine individual, owned by Handsdale Guernsey Farms.

Best Guernsey Cow... in the Pinellas Fair at Largo was shown by Casey Farms, held here by Bill Casey...
junior get of sire (1) - Get of Strathglass Lively Forest, Vernon.
Cows two years and under (3) - Trespasser's Bonnie 2nd (grand champion, senior champion), Vernon; Trespasser's Evita May 2nd, Vernon; Dixie's Grapny Gal, Dixie Farms.
Cows three years and under (3) - Trespasser's Satan's Angel, Vernon; Walnut Crest Lilo, Dixie Farms; Trespasser's Linda Rose, Vernon.
Cows four years and over (4) - Trespasser's Bonnie, Dixie Farms; Trans-Val Laura, Dixie Farms; Amanda Rosebud 2nd, Vernon; Dairy herd (2) - Vernon; Dixie Farms.
Best three females (2) - Dixie Farms; Vernon; Senior get of sire (2) - Get of Clarkland Swing Trespasser, Vernon; Get of Strathglass Lively Forest, Dixie Farms.
Produce of dam (5) - Vernon, Dixie Farms; Cows in milk (5) - Dixie Farms, Trespasser's Bonnie; Vernon, Trespasser's Bonnie 2nd; Vernon, Red Raider Stirling.
Dairy cattle production (2) - Vernon, Dixie Farms; Chest three females (2) - Dixie Farms, Vernon; Cow in milk (5) - Dixie Farms, Trespasser's Bonnie; Vernon, Trespasser's Bonnie 2nd; Vernon, Red Raider Stirling.
Junior yearling bulls (2) - Mataoka Honor, Walter Schmidt & Son, Tallevast; Bayou Vista Sterling Iones, Linda Casey, Largo.
Senior yearling bulls (1) - Mataoka Lucius Kidder (junior champion), Schmidt; Two year old bulls (1) - Stephens King's Rose Bier, Robert G. Lester, Land O' Lakes; Bulls three years and older (1) - Sequel's Southwester (grand champion, senior champion), Hansdale Farms, Sarasota.
Heifer calves (4) - Rodol Farms Beautiful (junior champion), Donegan Farms, Largo; Hansdale Farms Cinderella, Hansdale; Ver-Dell Farms, Vernor; Dairy cattle production (9) - R. R. Stirling, Vernon; Rodol 2nd, Vernon; P. V. Laura, Dixie Farms.
Guernseys
Junior yearling heifers (9) - Ver-Dell T Helen, Donegan; Mataoka Honor Tulip Diana, Schmidt; Ver-Dell Charity, Donegan.
Senior yearling heifers (9) - Marion Farms M Gertrude, Mr. and Mrs. Wilbur Casey, Largo; Englewood's Transfer Lectis, Donegan; Englewood's Transfer Lady Rita, Donegan.
Junior get of sire (5) - Get of Blakeford Transfer, Donegan; get of Nyola King's Honor, Schmidt; get of Hamilton County Free Mac, Casey.
Cow two years and under (10) - Mataoka Lucius Lady Freida, Schmidt; Bayou Vista Rex Candy, Casey; Donegan Farms Mister's Minerva, Donegan; Mataoka Lucius Pride, Schmidt.
Cows three years and under (6) - Bayou Vista Gay Marcelle (grand champion, senior champion), Casey; Donegan Farms Mister's Le Ada, Donegan; Mataoka Lucius Pride, Schmidt.
Cows four years and over (11) - Calico Acres Chatmover's Fawn, Hansdale; Adell Farm Cinderella Doreen, Hansdale; Mataoka Dutchess Ruthie, Schmidt.
Dairy herd (3) - Casey; Hansdale; Schmid; Best three females (2) - Schmidt; Casey; Senior get of sire (4) - Get of Tarbell Romulus Lucas, Schmidt; get of Western Glow C. F. Minter, Hansdale; get of Fritzlyn's Jeanette's Flash, Donegan; Produce of dam (1) - Schmidt; Cows in milk (9) - Donegan Farm's Musters Minerva, Hansdale; Bayou Vista Gay Marcelle, Casey; Mataoka Lucius Pride, Schmidt.
Six pilot food stamp projects are to be set up by USDA soon in areas of chronic unemployment—one each in West Virginia, Pennsylvania, southern Illinois, eastern Kentucky, northern Minnesota, and Detroit.

**Another NOBA Extra**

**NOBA 10th and 11th Artificial Insemination School**

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2. Long Productive Life
3. Regular Calving
4. 2 Long Productive Life
5. 1
6. 3

It is recognized that to maintain a profitable dairy herd, the factors must be considered:

- Steady High Production
- Long Productive Life
- Regular Calving
- 2 Long Productive Life
- 1
- 3

Storage Helps Ryals Make Money

Harvey "Bo" Ryals, Jr., of Brandon has a good answer for those that say it is no longer possible for a young man with no financial resources, to seek out and make his "fortune." The owner and operator of Ryals Dairy, "Bo" has made some very notable accomplishments since his graduation from high school.

Ryals started with 65 head of dairy cattle 17 years ago, all bought with credit, and borrowed necessary capital from a local bank to start him on his way.

Today, he is milking 810 cows, and has increased his average milk production from 2.5 gallons to 3.41 gallons per day.

Ryals believes that basic economics play a large part in the success of any farming operation, and has taken steps to avoid himself of prevailing good "buying" markets. He has built a storage barn with a capacity of 60,000 bags of citrus pulp, for instance, that enables him to buy pulp, cotton seed hulls and other fluctuating feeds when the price is lowest, making it easier for him to maintain a reasonable margin of profit for a given year.

When Ryals decided to expand his old plant, he visited successful dairies all over the state—looking at barns, pasture arrangements, feed equipment layouts and all the other details that make for a more economic farm. After completing most of the new buildings, he would be the first to admit that there are some changes that he might have made, but he feels that the visits that he made prior to starting construction were well worth his time and effort.

Ryals has, in addition to his dairy business, about 100 acres of watermelons per year, and a large acreage leased for a cattle program. He feels that this is only good economics—diversification of his interests—enabling him to buy his feeds and fertilizers on a larger scale than the dairy alone would permit.

Ryals strives to use the most modern proved practices in his feeding program as well as in his fertilizer and insecticide uses.

It is notable that Ryals has made this growth in his enterprises at the young age of 35. If fact, he has been selected from all the farmers in Hillsborough County, 35 and under, to represent the Tampa JayCees in a state and national contest, to select one Outstanding Young Farmer of the Year. The contest is sponsored in Florida by the Florida Nitrogen Corporation, a subsidiary of Southern Nitrogen Corporation, the sponsor of the national contest.

A Jersey, Jester Lela Cynthia, of the herd of J. K. Stuart, Bartow, has been awarded a "ton of gold" certificate for production of 2115 pounds of butterfat—more than a ton—in four years on HIR test.

J. K. Stuart's herd of registered Jerseys at Bartow produced an average of 8164 pounds of milk with 453 pounds of butterfat in a 12-months test supervised by the University of Florida.

Milk produced in Florida last year valued at $87,400,000.

**Milk Production for January**

Florida Milk Commission figures show that milk production in all areas of the state increased in January by 98,452 gallons over that of the preceding month. Blend prices were consistently higher, particularly in the Central Florida area.

<table>
<thead>
<tr>
<th>Area</th>
<th>Class I</th>
<th>Class II</th>
<th>Class III</th>
<th>Total Cream</th>
<th>State Prod.</th>
<th>BF Percent</th>
<th>Blend Price (cents per pound)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tampa Bay</td>
<td>7,471,486</td>
<td>337,804</td>
<td>120,363</td>
<td>8,929,752</td>
<td>3,917,551</td>
<td>4.00</td>
<td>99.45</td>
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<tr>
<td>Northeast F.</td>
<td>1,643,579</td>
<td>222,881</td>
<td>8,420</td>
<td>1,923,872</td>
<td>3,117,609</td>
<td>4.00</td>
<td>99.45</td>
</tr>
<tr>
<td>Central F.</td>
<td>1,343,044</td>
<td>327,238</td>
<td>9,804</td>
<td>1,770,122</td>
<td>1,874,090</td>
<td>4.40</td>
<td>99.74</td>
</tr>
<tr>
<td>Southeast F.</td>
<td>4,897,877</td>
<td>520,831</td>
<td>129,469</td>
<td>5,577,192</td>
<td>2,741,486</td>
<td>4.80</td>
<td>99.48</td>
</tr>
<tr>
<td>TOTAL</td>
<td>9,841,286</td>
<td>1,208,754</td>
<td>261,072</td>
<td>11,301,062</td>
<td>11,181,402</td>
<td>4.00</td>
<td>99.45</td>
</tr>
</tbody>
</table>

*Includes 320,290 gallons classified as Class IV under federal order.
PRESENTING THE 1961 FEDERATION LEGISLATIVE PROGRAM

Again the Directors of the FDFF feel one of their most necessary projects is the initiation, development and follow-through of a strong sound legislative program. As in 1959 our interests in Tallahassee will again be in the able hands of W. E. Bishop of Lake City.

Those of us connected with the dynamic problems of the dairy industry often fail to remember there are other areas of interest that are nearly as important to our membership as is the oft mentioned Milk Commission marketing law. The Milk Commission law is truly an important part of our legislative program but, it is not our whole program, nor should it be if our business is to remain full and healthy. Too often it is easier to shut our eyes to problems coming up than to face those problems head on.

In this non-milk commission field our 1961 program will include studies and legislative recommendations, both independently and with other commodity groups in such fields as:

1. A fair and equitable land taxation law.
2. A fair and equitable farm sales tax reform.
3. A fair and equitable revision of the ice cream and frozen dessert law (503).
4. A fair and equitable revision of the milk sanitation law (502).

In the Milk Commission area there are several changes that we feel are absolutely necessary if the Commission is to continue to be as effective as it has been during the past four years. These amendments we are requesting are:

1. An increase in the industry tax from 1/10th of a cent per Class I gallon to 15/100 of a cent, both on the distributor and on the producer. This is to give the necessary financing to carry out the required audits and market studies needed by our industry.
2. Provide for means of allowing a secret ballot for producers coming in or going out from under the jurisdiction of the Commission. This is proposed so that coercion on producers can be and will be held to a minimum.
3. Providing an amendment to allow the salary of the Milk Commission Administrator to be comparable to other merit system executives.
4. Providing an amendment to allow a large percentage of the producers within a market to change their marketing structure when the existing marketing system has failed to maintain a stable orderly market.
5. Providing an amendment to replace the "just cause order" into the law and using the language of that contained in the House Bill 442, 1959 session, on this subject such as cause as determined by a reasonable and prudent person.

The Federation feels an effective legislative program is good business for the dairymen. Help us by contacting your Legislators and asking them to support your Federation and W. E. Bishop in passage of your legislative program.

Chris L. Jensen
Vice 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

West Coast Milk Producers Ass'n
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SURPLUS MILK

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Guernsey Breeders Lay Plans

GEORGE BOUTWELL of Lake Worth was reelected president of the Florida Guernsey Cattle Club during the annual meeting of that group held on Wednesday, March 8 at the Orange County Agricultural Center in Orlando.

Carroll Ward, Jr., of Goldenrod was selected to serve another year as vice president, while directors include: C. C. Sellers, Tallahassee; Mrs. Wilbur J. Casey, Largo; Charles Johnson, Dinsmore; Richard Dressel, Avon Park; Walter Schmid, Jr., Tallevast; and Stin Haselton, Eustis.

Dr. E. L. Fouts, head of the University of Florida's Department of Dairy Science, and K. C. Sly, manager of McDonald Farms, Cortland, New York, were among the featured speakers at the meeting.

Bou'twell named the following committees: Sale—C. C. Sellers; Walter Schmid; L. H. Sellers, St. Petersburg; Carroll Ward, Sr., Winter Park; Field Day—Wilbur J. Casey, Largo; Judging School—Carroll Ward, Jr.; C. C. Sellers; Earl Jensen, Lake Worth; Classification—C. S. Coble, Tallahassee; Walter Schmid, Sr.; Wilson Sparks, Gainesville; State Fair—Carroll Ward, Jr.; Advertising—Hans Weiderkehr; John Cone, Plant City; Haselton; Youth—Earl Johnson, Dinsmore; Mrs. Casey; Walter Schmid, Jr.; and C. W. Reaves, Gainesville.

August 30 was announced as the tentative date for the group's annual sale in Orlando.

During award presentations, the Sergeant Memorial Trophy for the top Guernsey cow record made on official test went to VAUGHNDALE VERONA, owned by Lay Laine Guernsey Farm, Goldenrod, while M. W. Zubler received a trophy for the best Guernsey herd record and the Walter Schmid trophy for the top Guernsey tested dam went to DINSMORE MAJESTIC JUNIE, owned by Dinsmore Dairy.

July 23-29, 1961, has been designated as National Farm Safety Week.

Dairy Cover

JANE VERNON, Hillsborough County 4-H' er poses with her grand champion Ayrshire cow at the recent State 4-H Dairy Show in Orlando, while, at right, her sister, Toni, exhibits her Ayrshire cow which was named reserve grand champion.
Narrow-Bore Inflations are not new to MAES, we pioneered them and thousands of De Laval users, from coast to coast, have profited from MAES Narrow-Bores the last 23 years... no mastitis,—better and faster milking,—extreme simplicity,—and the most sanitary inflation of them all.

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Results of a study made by a prominent parasitologist based on egg count tests indicate that a significant measure of control can be exerted upon the liver flukes of cattle through systematic treatment with a suspension of hexachloroethane (Hex-Ane). The study revealed that of 209 infected animals treated with Hex-Ane, 191 were free from liver flukes when examined two to three weeks later. Ten animals were repeatedly examined from five to 20 weeks after treatment and only one showed an infection of four eggs per gram of feces. This one case occurred after five months on infested pasture.

Post mortem examinations were made on five animals infected with liver flukes at the time of treatment with Hex-Ane. Four of them were negative when examined shortly after treatment; the fifth was found to harbor a few liver flukes when examined four months later.

At least two Hex-Ane treatments yearly should be given to keep herd fertility and stamina at profit-making levels. This assures control of the parasite and improves the quality and gain of livestock. Although most worm remedies are more or less toxic to some animals, the results of this treatment indicate that Hex-Ane, a suspension of hexachloroethane, based on the work and recommendation of a prominent parasitologist, is satisfactory from both the efficiency and the safety requirements of a worm remedy.

The manufacturer of Dr. Rogers' Hex-Ane is one of the foremost researchers and manufacturers of animal health products. It is the Texas Phenothiazine Company, whose products are distributed in this area by Cairo Livestock Supplies, Box 334, Cairo, Georgia—ADV.
With Florida Kowbelles

Visits Norfleets

Who've Been in Cattle for Years

by ETHEL HALES STANCIL

ANNE STALLINGS (Mrs. Paul) Norfleet is charmingly versatile, though she professes to be "only a housewife." The Norfleets live in Newberry on a quiet shady street. Stately trees frame their homey place and big side-yard, where a giant oak, so striking that it has been honored by scientists seeking to learn the secret of its age, sprawls in majestic splendor.

The Norfleet farm is probably two miles from town. Large, general in its scope, it raises tobacco, corn, peanuts, various seeds, as well as livestock—Brahman and Hereford cattle.

Anne used to enjoy horseback riding. Now, as Paul, she does most of her cattle driving with the honk of the car horn! Actually they can drive their cows for miles this way.

The Norfleets met back in the depression days, while both were attending summer school at the University of Florida. They ran away and married, interrupting Paul's college, which later, however, was completed.

Anne taught school for several years, still does some substitute work. As a girl she was interested in dress designing. Not liking to make up her designs with materials she nevertheless has skill in this field, as evidenced by the fact that she sews bedspreads, draperies, covers furniture.

Anne's flair for design was captured by her daughter, and only child, Elizabeth, who studied at two Florida universities and graduated from the Parson School of Design in New York, after six months of study abroad. Elizabeth, successful in interior decoration, was working in New York when she met and married accountent, John T. Pittman. Theirs was a lovely November garden wedding "at home."

Anne and Paul were pleased when Elizabeth and John made plans to come to Florida "for a year," and more delighted when they settled in Gainesville and John became associated with Paul in the operation of the farm. John commutes to Gainesville except from May through the busy summer when the family lives on the farm.

Two grandchildren, Lisa, four, and Little John Thomas, Jr., one, are the idols of the family. Lisa rides horseback well. One day a week the children spend the day with mama and papa. They are Elizabeth twins all over again for Anne and Paul. One of Lisa's favorite spots is at Anne's dressing table (this could never happen at home!) where she sits for hours experimenting with creams, powders, and paints, and trying on costume jewelry.

Anne is active in the garden club, was among those instrumental in getting water rates reduced so that yards could be beautified.

As superintendent of the Intermediate Youth at the Newberry Baptist Church, Anne gives much of herself. "It is important to keep these young people in the church," she says, "for if we lose them who can we hope will carry on in the tomorrows?"

"Miss Anne," as the youth affectionately call her, is happy when a boy or girl remembers a topic she has spoken.
Almost Twice the Worming Efficiency at Less Than Twice the Cost of Ordinary Phenothiazine Drenches

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Kissimmee, Florida
Infectious Anemia (Swamp Fever), one of the scourges of the horse world, is becoming a more prominent problem throughout the United States as more carriers are found. This virus disease in some areas has struck and wiped out whole stables of horses.

Since it is a blood disease, causing anemia and related symptoms, transmis sion is by biting flies, mosquitoes and un sterile surgical and vaccination equipment.

Control of the disease is very difficult since if an infected animal recovers, it remains a carrier or spreader of the disease for life. The biggest problem of control lies in the fact that no practical, accurate test exists for diagnosing the disease or for determining carriers of the infection. There are a number of laboratory tests that can be used to aid diag nosis, but the only test that has proven accurate is the inoculation of a suscep tible horse. If the test animal shows typical symptoms of the disease, the test is considered positive. The high cost of this procedure has almost ruled it out as being practical.

Another more practical means of at tempting detection of carriers and diag nosing the disease is the liver biopsy. This entails obtaining a very small piece of liver tissue from the living animal, and then studying the liver under the micro scope for characteristic signs of the in fection. Although the procedure may sound extremely difficult, it can be per formed on the standing animal with little trouble or pain to the horse.

A positive reading on a liver biopsy is considered quite reliable, but due to the very small piece of liver involved, there may be some danger in missing symptom less carrier animals.

For just a moment let us envision a problem which can, and will, continue to arise unless we are conscious of this disease and attempt to control it.

A person buys several good horses. One of them is a carrier animal showing no symptoms. In a few weeks a horse breaks with the infection. Later on one or more horses also contract the disease. These first horses generally
have the acute form and die within a few weeks. Later, other infected horses in the group tend to have the subacute form or the chronic form. After several weeks, months, or years, possibly after several attacks, this type of infected animal will appear normal. However, when put to hard or regular work they will usually relapse periodically.

There is no cure for these animals, and if the owner is unfortunate enough not to be able to recognize the carrier animal, all his animals may eventually become infected. If the owner should then sell these horses while apparently normal, it is possible to spread the infection like the many arms of an octopus to other ranches and stables, repeating the cycle.

After viewing the possibilities of this disease, it is not hard to see why horsemen and horse lovers must be aware of this condition.

In a group of horses in which the disease suddenly appears it is imperative to try to determine the carrier or carriers of the disease and eliminate them. We have hopes that the liver biopsy may be an aid in this. Since an animal which has acquired the disease is a potential "Typhoid Mary," we recommend destruction of this horse as there is no cure or recovery from it. Infected horses are permanent carriers and potential spreaders.

Since a stud can have the virus in his semen and the mare often transmits the infection to her foal, even before it is born, an infected animal is unsafe to breed.

The veterinary profession, as well as most interested and informed horsemen are anxiously striving for some solution to this problem.

**Tranquilizers Fail To Comfort Calves**

Stockmen who have been wondering if a tranquilizing drug might bring comfort to newly weaned calves—and thus prevent weight loss—are assured by Dr. C. E. Haines that it won't work.

Assistant animal husbandman at Everglades Experiment Station, Dr. Haines tried the drugs on Angus, Hereford, Brahman and Brahman Crossbred calves at weaning time, when calves usually waste time and energy talking the fence line to bawl instead of grazing. Carefully kept records of their weight showed no appreciable difference with or without the injection of tranquilizers.

**Valentine Elected**

Sumter County Cattlemen's Association elected Wayne Valentine president, Bob McElyea vice president, Donald George secretary and Aubrey Caruthers treasurer at its recent annual meeting.

W. C. Wing of Wildwood was appointed state director, and T. Noble Brown of Webster was named representative to the Florida Beef Council.

For April, 1961
Why Not Eradicate Flukes?

While most cattlemen in Florida do not feel that Brucellosis is a major problem with them, it is certain that Florida sooner or later had to join with the rest of the country in the eradication program currently sponsored by the USDA in every state of the union.

Thus the approach which has been approved by both USDA and the Florida Livestock Board (now the Division of Animal Industry of the State Department of Agriculture), and was announced by President Louis Gilbreath of the Florida Cattlemen’s Association in the March CATTLEMAN, is a step in the right direction. The rules under which this program will be administered have not yet been issued, but they will be reported in The CATTLEMAN when released by our state livestock sanitary authorities.

Since we have successfully eradicated screwworms, our own worst “scourge”—and now have endorsed the national program for eradicating eventually Brucellosis—it might be well for us to look around at the other serious health menaces which are holding our industry back.

Foremost of these is the liver fluke, which is so well established in many parts of peninsular Florida that it results in total loss of nearly 100 percent of the livers in cattle marketed, and causes death in some cases.

This is an economic burden well worthy of the research efforts of our colleges and experiment stations. It is destined to become more serious as we further improve and sweeten our pastures, as a high pH is apparently favorable for the fresh-water snail which hosts this parasite in one of its stages.

Another problem is found in the serious abortion diseases about which little is now being done—including leptospirosis, vibriosis and trichomoniasis.

We are glad to report that the Florida Cattlemen’s Association is setting up a committee to study these threats to the health of our cattle. We assume that a priority will be established by this committee, and that our scientists will be aided in doing research toward control and/or eradication.

This is a forward step which should be welcomed by all cattle owners in Florida, and which will receive the full support of our research scientists who can secure funds and facilities for their research only as the industry itself demands them.

Incidentally, we’d like to congratulate the Division of Animal Industry for its recent revision of the Brucellosis import restrictions to allow beef cattle from modified certified Brucellosis-free areas to enter Florida without further quarantine or testing being required. This will be particularly helpful in our northern and western counties where inter-state movements are important but have been difficult under present regulations requiring two clean tests after arrival in this state.

Our Watchdogs in the Legislature—Thanks!

Within a few days after you receive this, Florida biennial legislature will begin its 60 days of deliberations in Tallahassee.

While the Florida Cattlemen’s Association is seeking little in the line of specific legislation this year, except insofar as relief from excessive land taxation can be achieved in cooperation with other agricultural groups, we are deeply grateful for the presence in the legislature of a strong group of men who know our industry, and who will be able to spotlight any unfavorable legislation which may be proposed.

Heading this group is Irlo Bronson of Kissimmee, past president of our Florida Cattlemen’s Association, and a legislator for the past 14 years.

The FCA is also working closely with William G. O’Neill of Ocala state representative who is chairman of the house-senate sub-committee on finance and taxation (see story on page 46 of the March CATTLEMAN). Lat Turner of Sarasota, an FCA vice president, is chairman of this committee, which has talked with O’Neill and has invited other agricultural groups to join in any relief efforts which can be devised.
Q. How much P.D.Q. Supplement will an animal eat per day?
A. Consumption depends on the season of the year and the particular formula being fed. The 7% Supplement is designed for about 1/4 pound consumption per head daily. The 16% Supplement is designed for about 1-1/2 pounds consumption per head daily. The 20% Supplement is about 2 pounds per head daily. Consumption will vary in individual herds, depending upon the kind of roughage being fed. Figures shown are based on averages of year 'round feeding.

Q. Will an animal overeat when first started?
A. Yes, most animals will consume more than the estimated amount; however, this is nothing to be alarmed about as they will usually taper off within 10 to 14 days to the proper consumption. The consumption will depend to a great extent on the condition and size of the animal, the kind of roughage available and the mineral requirements of the animal. However, the animal will never eat enough to harm it.

Q. Must I feed roughage with P.D.Q. Supplement?
A. Yes, roughage is the basis of this entire program. You must have plenty of pasture grass or hay available to the animals at all times. This program will not work without roughage. Roughage does not have to be of high quality, but should be of fair quality. P.D.Q. Supplements make roughage more nutritious and are your cheapest cost feed.

Q. Will silage work with P.D.Q. Supplements?
A. Yes, silage can be used effectively with P.D.Q. Supplements; however, you should use the 20% protein P.D.Q. Supplement because of the low protein content of most silages. The 20% protein P.D.Q. Supplement should be fed from Fall till Spring.

Q. Must I feed range cubes or protein meals with P.D.Q. Supplement?
A. No. Not if you have adequate pasture. Normal conditions will permit a cattleman to winter his cattle without the addition of protein supplement. The only class of livestock that occasionally requires protein supplements or grain in addition to P.D.Q. Supplement, are those cows which are nursing calves. This condition usually prevails when the animals do not go into the winter months in good condition, and when the roughage being fed is extremely low quality.

Q. Can P.D.Q. Supplements be mixed with grain and fed Free-Choice to nurse cows?
A. Yes, P.D.Q. base is one of the most practical ways to feed a cow and calf program when the cows are not in good condition. The ration is formulated in such a way as to furnish additional energy and protein which is so essential to a nurse cow.
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(1) Brood cows will be in better breeding condition.
(2) Calves will grow-off faster.

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The fertilizer (in bulk or bagged, as you choose) will be delivered when and where you want it. SUPERIOR’s truck fleet is one of the largest and most modern in Florida. Call your SUPERIOR pasture representative now!

Pasture Tip

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