A brand is more than a means of identification. Yes, much more. A brand stands for sweat and labor . . . a brand stands for judgement, experience, ability. For it is out of these things that fine reputations grow.

When you feed a bag of Security Feeds in the red horseshoe bag, you are feeding feeds that are built to produce and produced to build. Yes, engineered for production. A feed for every phase of your production program.

As new nutritional findings are made and tested, they are incorporated into Security Feeds and Feeding Programs. Thus the feeder is assured of getting good results, so far as nutrition is concerned.

So, dollar for dollar and pound for pound, you'll find Security in the red horseshoe bag is your best feeding buy!
HEAVY MARKETINGS CONTINUE throughout the nation, not only of beef but of other meat products as well, according to USDA's report for the week ending September 4. Beef production was 189,400,000 pounds, up 5,200,000 pounds from a year ago, while veal production was 20,500,000 pounds compared to 21,000,000 pounds in the same week of 1953. Pork production jumped to 127,500,000 pounds from 104,300,000 pounds a year ago. Total meat production was 349,000,000 pounds compared to 321,800,000 pounds.

COMPARSED TO 1953, CATTLE PRICES INCREASED during the month ending August 15. According to the USDA Agricultural Marketing Service in Orlando, the average price was $10.30 for the month in 1954 compared to $9.60 for the same month in 1953. Florida calf prices were somewhat lower than a year ago—$11.70 compared to $11.90—however, and nationally prices were off for both cattle and calves: $16.10 to $15.90 for cattle, $16.10 to $15.80 for calves. The prices do indicate that the market has become fairly stable, as predicted earlier in the year.

DIAGNOSTIC LABORATORY for large animals is being pushed by the Florida Agricultural Council, which will prepare necessary legislation. Cushman S. Radebaugh attended a recent Council meeting in Orlando where the item was discussed.

CONVENTION IS COMING UP! FCA's annual meeting is scheduled this year in Orlando on November 16, 17 and 18. No details have yet been announced by the sponsoring Central Florida Cattlemen's Association, but a top program is expected. Speakers will include Senator Holland and Governor-elect LeRoy Collins, according to FCA President Ben Hill Griffin, Jr. Other speakers will be announced later.

CONSTRUCTION HAS BEGUN on the new $125,000 headquarters building for American National in Denver, that association—with which FCA is affiliated—reported recently. During its fifty-seven year history, American National has always rented. The one-story building is located at Seventeenth Avenue and Clarkson Street in a new business area just east of Denver's main business district.

AMERICAN NATIONAL is cooperating with the Treasury Department in a cattlemen's bond drive scheduled from September to January. FCA is also being asked to cooperate. Members are urged to buy savings bonds for two reasons: 1) to build a protective personal reserve; 2) to share in sound government financing. Savings bonds are the least inflationary of government financing efforts.

EAT MORE BEEF STICKERS, distributed a month ago, have been widely used by cattlemen throughout the state. FCA headquarters has a considerable quantity of these stickers still on hand for use by local associations. Also available are "Beef in the Menu" folders, menu riders and table riders for restaurants, cartoon mats and "Eat More Beef" mats for use in your home-town newspaper. Any associations desiring additional quantities of these items should contact June Gunn, Secretary, Florida Cattlemen's Association, Kissimmee, Florida.

QUARTERLY REPORTS on cattle feeding, now limited to three Corn Belt states, Idaho and California, will be expanded to cover six more Corn Belt states, Colorado, Texas and Arizona, USDA reports.
Calendar

SEPTEMBER

Sept. 50-Oct. 2—Santa Rosa County Fair... Milton
Sept. 50—Oct. 9—SE. Fair-A.Ganus...Atlanta, Ga.

OCTOBER

Oct. 7—Okla. Santa Gertrudis Sale... Tulsa, Okla.
Oct. 8—10—Northwest Fla. Rodeo... Bonifay
Oct. 11—12—Eagle Lake Fair... Lake Placid
Oct. 12—14—Gilchrist, N. C.
Oct. 14—15—Livestock Prod. Field Day... Gainesville
Oct. 16—18—Richland County... Dixon, Tenn.
Oct. 18—20—Livestock & Poultry Show... Ocala
Oct. 18—30—Suwannee Valley Swim Show... Live Oak
Oct. 18—20—Nokomis Cattlemen’s Fair... Perry
Oct. 19—Stanford Angus Sale... Dothan, Ala.
Oct. 20—25—Sarasota County Fair—Show... Sarasota
Oct. 21—25—McGregor—Gulfstream Fair... Ft. Lauderdale
Oct. 25—30—Jackson County Fair... Marianna
Oct. 26—30—North Fla. Fair... Tallahassee
Oct. 29—30—Brangus Valley Displ... Fayetteville, Ark.
Oct. 30—Brangus Sale... Vinita, Okla.

NOVEMBER

Nov. 1—6—Holmes County Fair... Bonifay
Nov. 5—8—Shorthorn Ass’n Fair... Valdosta, Ga.
Nov. 5—6—Sumter All-Fla. Breeders Show... Webster
Nov. 4—Fla. Hereford Ass’n Bull Sale... Webster
Nov. 4—5—Florida Angus Ass’n Fall Sale... Webster
Nov. 8—15—Putnam Co. Livestock Show... Palatka
Nov. 11—12—Stere Shorthorn Conference... Gainesville
Nov. 13—West Fla. Dairy Show... Chipley
Nov. 16—18—FCA Annual Convention... Orlando
Nov. 18—Okaloosa Beef Cattle Show... Crestview

DECEMBER

Dec. 10—Range Station Field Day... Ocala

JANUARY

Jan. 7—Santa Fe Ranch Hereford Sale... Alachua
Jan. 18—20—Brangus Show & Sale... Plant City
Jan. 19—20—Tri-County Fair... Fanning Springs
Jan. 21—24—Reach Shortround Show... Ft. Matl. Dora
Jan. 25—26—Sugarland Exposition... Clewiston
Jan. 23—Kershaw Stock Show... Tallahassee
Jan. 27—Tri-County Fat Stock Show... Wauchula
Jan. 28—SE. Angus Show & Sale... Knoxville, Tenn.
Jan. 31—Gulfstream-McGregor Sale... Ft. Lauderdale

FEBRUARY

Feb. 5—19—Florida State Fair... Tampa
Feb. 11—15—Florida State Fair—Browar Judging... Tampa
Feb. 10—State Fair Barrow CAR... Coral Springs
Feb. 11—13—Florida Beef Show... Leesburg
Feb. 15—14—McFarlane Farm Sale... St. Francisville, La.
Feb. 16—17—Florida Western Livestock Sale... Lake Worth
Feb. 19—Kimirey Angus Sale... Chiefland, Mos. Feb. 21—24—Marlve Farm Sale... St. Francisville, La.
Feb. 24—Central Fl. Fair... Tampa
Feb. 24—VeVa Haven Ffd. Sale... Thomasville, Ga.
Feb. 24—VeVa Angus Sale... Olive Branch, Miss.
Feb. 28—Mar. 5—SE. Fat Stock Show... Ocala

MARCH

Mar. 5—Hereford Show and Sale... Ocala
Mar. 6—Gilnockie Farm Angus Sale... Haywood, Va.

Service Issues of The Florida Cattleman for 1954-55

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

The Florida CATTLEMAN

and Livestock Journal

VOL. XIX, NO. 1

Robert S. Cody

October, 1954

Robert S. Cody

PUBLISHER—Alvin M. Cody. BUSINESS OFFICE AND CIRCULATION—Mrs. Ruth H. Rees.

The Florida Cattleman

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The Cover for October, 1954

Hundreds of Florida ranchers are putting up silage and making hay from grass and crops this fall. Our cover photographs shows the new, improved Lundell chopper, distributed by Peninsular Sales and Service of Kissimmee, in action at Triple F Ranch near Holopaw.

OFFICIAL PUBLICATION

Florida Cattlemen’s Association, Ben Hill Griffin, Jr., President, Frostproof Florida Swine Producers Association, T. W. Cannon, Jr., President, Live Oak Eastern Brahan Association, O. L. Partin, President, Kissimmee Florida Hereford Association, Inc., W. F. Snod, President, Alachua Florida Aberdeen-Angus Association, R. A. Willis, Jr., President, Marriana Florida Milk Producers Association, George Edmondson, President, Tallahassee Florida Palomino Exibition’s Association, M. D. Foutain, President, Tampa Florida Quarter Horse Association, T. J. Durrence, Jr., President, Winter Haven Florida Cattle Feeders Association, H. V. Dumas, President, Alachua Florida Santa Gertrudis Association, C. C. Peters, President, Lake Wales Florida Shorthorn Breeders Association, Edward Mead, President, Mount Dora Florida State Duroc Breeders Association, H. V. Dumas, President, Alachua Eastern States Brangus Association, H. E. Wolfe, President, St. Augustine Junior Florida State Cattlemen’s Association, Doyle Commer, President, Starke Florida Meat Packers Association, James Swick, President, Alachua The Cattlemen’s Protective Association, L. F. Welch, President, Arcadia Cattle Producers’ Price Support Association, N. B. Jackson, President, Venus Published monthly by Cody Publications, Inc., at 10 Verona Street, Kissimmee, Florida. Subscription Price $3.00. 1 year; $5.00, 2 years; $8.00, 3 years. $12.00, 4 years. For postoffice sales in Florida at rates prescribed by United States Postoffice. Entered as second class matter March 15, 1947, at the postoffice at Kissimmee under the Act of March 3, 1879, Alans M. Cody, President, Robert S. Cody, Vice President, Dorothy G. Cody, Secretary-Treasurer. Cody Publications, Inc., operating The Cattleman, the Florida Livestock News Service. Advertising rates and rates based on open rate of $1.50 per page per inch, with certain discounts for longer terms, subject to the acceptance of the Editor. Advertising rates available on request. Closing date 10th of preceding month; in circulation 1st of preceding month. Member Florida Press Association, National Farm Publications Association, Southern Cattle Group.
One thing about Bessie, she’s consistent. She’s dropping a calf every single year. But there’s a good reason. Bessie is healthy! She’s rugged and has sound bone structure because she’s been eating VIT-L-TONE for years. VIT-L-TONE “tones up” any animal’s digestive system—helps ‘em get every bit of the good out of their regular pasture . . . builds heavier, healthier animals capable of dropping a sturdier calf every year.

If you are already feeding VIT-L-TONE, then you know how good VIT-L-TONE really is, but if you are not, don’t take chances. Get VIT-L-TONE and be sure your cattle are getting maximum benefits from their regular feed.

VIT-L-TONE is fed free choice with salt. Its cost is returned to you many times through increased weight, better quality and higher profits.

Get the Facts! Prove It to Yourself!

VIT-L-TONE is specially formulated for Florida and Florida ranges. It’s high in Calcium, high in Phosphorus—contains all the Trace Minerals and Elements recommended by the Florida Experiment Station.

- 21% Calcium
- 10% Phosphorus
- Palatable
- Florida Range Proven

X-CEL PROGRAMS

Key to Profitable Florida Farming

JACKSON GRAIN COMPANY

Tampa, Florida

Manufacturer of Florida feeds, fertilizers, insecticides since 1909. Distributor of Tennessee Basic Slag and Viking Brand Calcium Nitrate.
Bring out the full potential of your land ... apply d/p DOLOMITE!

Only when the pH balance of your soil is correct can you realize to the full its profit potentials.

When you apply d/p Dolomite you release many natural “acid-bound” foods. You supply crops and cattle with the calcium and magnesium they need for healthy, hearty growth.

In short, when you apply d/p Dolomite you can get the full profits from your crops and pastured animals. For information and free illustrated folder write today.

DOLOMITIC LIME STONE, HI-CALCIUM LIME STONE, LIMESTONE SCREENINGS

For Better Screw Worm Control

BARRY'S DERMA SEAL

Guaranteed to satisfy or your money back

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At all dealers, or write

BARRY'S

Drawer E
Newberry, Fla.

Editor's Desk

Breeder Wants Help; Finds Breed Claims Conflicting

Lacoochee

As a subscriber to THE FLORIDA CATTLEMAN, the writer would like help in getting information (about what type of beef operation is most suitable for a 500 to 320 acre ranch)... When you talk to a man that sells breeding stock, it's his breed that tops all others.

I would like to talk to a man who knows farm experience, and not sales talk...

J. D. Pierce

Editor's Desk

Who Knows the Maximum Horn Width of Longhorns?

Bradenton

The other day several of us were having a discussion about the Texas longhorn cattle. The question came up about what was the maximum spread of horns ever known on a longhorn. We would appreciate it if you could tell us...

Mrs. R. Benzel

Editor's Desk

LaBelle May Use Cattleman Cover as Local Promotion

LaBelle

A few years ago, THE FLORIDA CATTLEMAN AND LIVESTOCK JOURNAL had a cover picture of a most attractive cow (head). Underneath it had, “Florida’s Pin Up Girl.” I liked this very much.

I'm wondering if there would be any objection to my using this on a sign to be placed at my small pasture here in LeBelle, located on the Fort Myers-Palm Beach highway (and) thought I might suggest to the Art Chairman of our Woman's Club...that this be used in some way in one of our booths for the Sugarland Exposition in Clewiston...

Mrs. Madge Hampton, President Woman's Community Club

Noticed to say, THE CATTLEMAN is very happily that one of its ideas can be put to use in some other way. Mrs. Hampton
SULMET®

SULFAMETHAZINE Lederle

SULMET offers many advantages in fighting disease in your herd. At the first sign of disease use it promptly. It will:

- do a better job
- cost less per animal treated
- secure high blood concentrations
- stay in animal's body longer
- build great power without being harmful

SULMET is highly effective against many of the organisms that commonly cause these diseases.

Once a day dosage

Consult your veterinarian for the most effective management practices and disease control procedures. Write for free literature.

LEDERLE LABORATORIES DIVISION
Pearl River, New York

from

- SHIPPING FEVER
- FOOT ROT
- CALF DIPHTHERIA
- METRITIS
- ACUTE MASTITIS
- CALF SCOURS
- BACILLARY ENTERITIS
- OTHER BACTERIAL DISEASES
- AND COCCIDIOSIS
The decisions that affect livestock prices begin at two different places—sometimes as much as 2,500 miles apart.

The farms and ranches all over America are one of those places—where producers decide the kind, quality, weight and numbers of livestock they will market today.

The other—is with millions of housewives—when they decide whether they will buy meat today, and the kind, quality and how much.

Together they are SUPPLY and DEMAND

A lot of big and little things influence those decisions and cause livestock prices to go up and down. But the main things to remember are these: (a) like water, prices seek a level, and (b) it is the pull of demand and the push of supply which levels them.

**First take SUPPLY**

Feed supplies, weather, seasons, and how the market looks to a particular stockman at a particular time—these and other factors enter into each individual decision.

So naturally, the number of livestock slaughtered across the U.S. will vary from week to week, sometimes as much as 25 percent. This means that the amount of meat and by-products that must be sold also varies considerably from week to week. To induce retailers to purchase increased supplies, meat packers usually are compelled to sell meat at lower wholesale prices. Conversely, when livestock slaughter and available meat supplies decline, retailers and their customers may become aggressive buyers, even at higher prices in order to obtain their meat requirements. In this way the changes in livestock prices are governed by the changes in what the packer can get for the meat and by-products.

**Now take DEMAND**

The biggest factor in demand is BUYING POWER. When employment and wages are high, the dollar-demand for meat is good; with unemployment and low wages, dollar-demand for meat falls off. On the average, housewives spend for meat about 5% to 6% of the national disposable income.

When meat supplies increase, several things may happen. Retailers then may buy more than their average requirements—provided they can buy at lower prices. Their customers do not automatically have more money to spend just because there’s more meat to be sold.

Experience has proved that it usually takes lower wholesale and retail prices to move more meat into the shopping bag. When retailers increase their purchases of meat, they know they have to price it attractively, and advertise that fact to stir up interest and to sell more meat to regular and new customers.

Other factors which affect demand and influence prices include: religious beliefs, weather and seasons, competition of other foods, personal tastes and habits—all these influence demand and cause livestock prices to change.

**By-Products**

Demand for by-products is also another important factor affecting livestock prices. By-products are sold by the packer at the best price they will bring. And this is a big help in covering the costs of turning livestock into meat and distributing it. These by-product values are always taken into account by the meat packer in buying livestock. By-product values, like meat, vary from day to day so that is another factor which affects livestock prices and causes them to change.

**Storage of meat is seasonal and the amount stored is very small in relation to the total amount of meat sold. Compared to total yearly production, only about 2% of the beef, 3% of the lamb and 5% of the pork is held in frozen storage. The little that is stored works to the benefit of both producers and consumers because it helps smooth out the seasonal differences of supply and the flow of meat to the homes of America.**
FUL-O-PEP CATTLE FEED SPECIAL
—NEW SALT-CONCENTRATE MIX—

makes range feeding easy!

SELF-FEED IN BUNKS
You can put out about a week's supply of Ful-O-Pep Cattle Feed Special at one time. The high salt content of this new, efficient cattle concentrate causes the animals to limit the amount they eat to their daily needs... allows the weaker and more timid ones to get their full share. However, be sure you have ample water supply available.

BUILDS BIG Calf Crops
Added vitamins and minerals in Ful-O-Pep Cattle Feed Special help give your cows and heifers added strength at calving time... help you raise big, sturdy calves.
You save time, labor and feed, too... making bigger profits possible.

BE AHEAD! BUY FUL-O-PEP!
Get all the facts about easy-to-feed Ful-O-Pep Cattle Feed Special from your local Ful-O-Pep man. You'll find its cost low... its results high!

Ranchers say: Ful-O-Pep Cattle Feed Special
SAVES TIME & TROUBLE
... heifers calve easily

Ranchers in Texas, Florida, Colorado, California and several other states have had excellent results with Ful-O-Pep Cattle Feed Special... report 94% to 98% calf crops, even with first-calf heifers.
They also say, "Heifers clean good and breed back without difficulty." And, of course, the feeding time and trouble saved is of great importance.

Why not try this efficient, easy and economical method of wintering range cattle? Self-feed Ful-O-Pep Cattle Feed Special.
enclosed sketches of a cow's head with the legend "Hendry County's Pinup Girl."

South Carolina Banker
Wants "Eat Beef" Stickers

Rock Hill, S. C.

If you have any "Eat More Beef" stickers to spare, I will be most pleased to distribute them in this section as I am very interested in the promotion of beef.

John A. Black, President
Rock Hill National Bank

Florida Cattlemen's Association has sent Mr. Black 50 stickers like the ones included in the last issue of The Cattlemail.

Appreciative Notes
Are Received

Fort Myers

Thanks for the very nice writeup and the ad was all OK.

Immokalee Rodeo
by Robert Hippelehauser, Sec'y.
Fort Myers Shrine Club

Dade City
...I appreciate the nice writeup in The Florida Cattlemail.

Stanley Cochrane

Miami
...I have enjoyed this magazine immensely, and since I have moved to my ranch, I want to continue to get it (at Rocking Chair Ranch, Indiantown).

A. Y. Hall

Cuban Finds Florida Cattlemail
Helpful in His Ranching

Apeadero Cayojo, Oriente, Cuba

Enclosed you will find money order...to cover the cost of a three year subscription to your publication, The Florida Cattlemail.

Mr. B. Sanchez of Camaguey has sent me some old issues and I have found your magazine very educational and interesting. I own and manage a 3500-acre cattle farm...

Paul de la Llama

Bonifay Rodeo Plans Big
Event October 8-10

Bonifay (We wish) to extend you a very cordial invitation to be the guest of the Bonifay Kiwanis Club at the Ninth Annual Northwest Florida Championship Rodeo which is to be held at the Bonifay Memorial Field on October 8, 9 and 10, 1954.

This rodeo, which is sponsored by our Kiwanis Club, is recognized by...the National Cowboy's Association. It has grown to become the outstanding rodeo in Northwest Florida, Southern Alabama and Georgia, and was attended last year by over 20,000 visitors...

P. C. Bowyer, Rodeo Chairman
Bonifay Kiwanis Club

Robinwood Ranch in Florida
Is Entirely Separate

An article on Robinwood Cattle Corporation of Davenport in the September Florida Cattlemail gave the false impression that the Florida organization is simply a branch of Indiana's Robinwood Farms, Manager Robert L. Cox has informed The Cattlemail.

Cox pointed out that he is an owner of the Florida Ranch and owns no part of the Indiana ranch. John A. Whitehead, owner of the Indiana Shorthorn herd, also owns a part of the Davenport operation.

Robinwood Cattle Corporation which will specialize in registered Shorthorns, comprises a 750-acre tract about a mile and a half north of Davenport.

Lee County Bank Displays
Lucky Lee Ranch Alfalfa

Fort Myers

Under separate cover I am mailing you (a) photograph which...shows a bale of Pangola hay which (has been) on display

---

**FAT CALVES SELL THEMSELVES**

There's a Ready Market in the South for Fat Calves Between 450-550 Lbs.

by J. B. Pullen, Manager, Livestock Chow Sales
Southern Region, Ralston Purina Company

A lot of low-grade cattle are hitting our markets today. In the grocery stores there's a scarcity of quality cuts of beef. And beef is competing with poultry, turkey, mutton and pork.

Let's think for a minute about those competing with us for the American meat dollar. An unfinished broiler, turkey or hog is not worth a plugged nickel on today's market. But cattlemen continue putting low-grade cattle on the market.

Southern markets want fat calves. The housewife wants quality beef. One of the South's leading live-stock marketmen had this to say recently: "The market yesterday very clearly showed all you have to do to get top prices for cattle is to get them fat.

"Make your calves good and get some weight on them. There is much broader demand for 500-lb. calves than for 300-400-lb. ones."

Your Purina Dealer has a fine product, Purina Fat Calf Chow Finisher, and a feeding plan to help you fatten calves fast and at low cost. Be sure to see him next time you're in town... at the Store with the Checkerboard Sign.

RALSTON PURINA COMPANY
St. Louis • Nashville • Macon • Tampa • Miami
Calves on the ground are like
MONEY IN THE BANK

It costs a lot of money to keep a cow. A lot of that money is lost if she fails to settle or drops small, weak calves that die or develop into "tail-enders."

BIG CROPS of husky calves are a must, if a fellow is going to make money ranching. This is especially true when the price of cattle is off.

Your range needs help. It takes more than grass alone to give your cows what they need to grow and drop the kind of calves that will bring top prices next fall.

PURINA RANGE CHECKERS have proved their worth in research tests and on thousands of ranches. This favorite range supplement has what it takes. Cattle love Checkers, do well on them. Cows stay up in good shape at calving time, have lots of milk for the calves, too.

Feed for big calf crops the Purina Way. Purina Range Checkers can help you keep your operation on the profit side of the ledger.

VISIT with your Purina Dealer about Purina Range Checkers and profitable ranch management. Make it soon!

RALSTON PURINA COMPANY
St. Louis • Nashville • Macon • Tampa • Miami

Give ONE-SHOT PROTECTION against
SHIPPING FEVER

with INJECTION

BICILLIN®
Dibenzylolethanedione dipenicillin G in aqueous suspension

"Up to 9 days penicillin protection—
from just one injection!"

A single dose of Injection BICILLIN—the longest-acting penicillin preparation developed to date—produces uninterrupted penicillin blood levels in cattle lasting up to 9 days! This prolonged level makes possible the prevention of many infections associated with the shipment of animals. One shot gives the cattle penicillin protection from range to shipping destination. That’s good, economical business for both shippers and receivers of cattle!

Supplied: In vials; 10 cc., 50 cc.; 200,000 units per cc. Also available in Tubex® cartridges, 600,000 units per Tubex.

AVAILABLE FROM YOUR DRUGGIST OR OTHER ANIMAL HEALTH PRODUCTS SUPPLIER
Northeast Oklahoma Brangus Association's 3rd

South Annual Sale of

Brangus 1/2 BLOODS 3/4 BLOODS ANGUS
1/4 BLOODS

October 30th is the day and Vinita, Oklahoma is the place to start your registered Brangus herd or to improve your present herd. The animals offered in this sale are enrolled or registered in the American Brangus Breeders Association. The consignors are dipping deep into their herds to present this great offering of females and top young bulls. Here is a real opportunity to establish a solid foundation of Brangus—the MODERN, AMERICAN breed of beef cattle—the nation's fastest growing breed.

Selling 300 Head!

For catalog and further information, write:
Northeast Oklahoma Brangus Association
VINITA, OKLAHOMA

P. O. BOX 93
in the main lobby of the Lee County Bank. This exhibit is attracting the interest of hundreds of folks each day. It has a very attractive placard which will give you quite a bit of information (see cut). The bank is doing a very outstanding public relations job in building up our agricultural development—in fact they have won a number of national awards and citations for this type of advertising.

In the past year, Lucky Lee Ranch has baled and sold 1,526 tons of hay, mostly Pangola and some Alfalfa. Most of this hay was sold in South Florida. Some of the hay was also sold to ranches in Colombia, South America, where many Lucky Lee horses have been shipped. Brown Austin (of the Lee County Bank) is also the treasurer of the Lee County Cattlemen's Association...

Carl P. Heuck, County Agent

New Self-Unloading Models Announced by Highway Equipment

Two new models for the complete line of Bulkmaster self-unloading bulk feed and grain bodies—one of them featuring full hydraulic drive and the other with final discharge by air—have been announced by Highway Equipment Company, Inc., of Cedar Rapids, Iowa, represented in Florida by the New Leader Equipment Company of Lake Wales.

Also announced was the appointment of George E. Ford of Decatur, Georgia, as southeastern district manager. Ford will serve dealers in Florida, Georgia, South Carolina, North Carolina, Tennessee, Alabama and Mississippi.

About the two new bodies, Highway Equipment has this to say:

"The hydraulic model is available with either truck power take-off, or separate engine drive, to operate the wide 36-inch conveyor in the hopper, the auger unloading system at the rear, and the raising and lowering of the final discharge.

"Future possibilities of baled hay in Lee County are no doubt in the minds of these men as they inspect an exhibition of Lucky Lee Ranch hay in Fort Myers' Lee County Bank recently. At left is Jim Richmond, Lucky Lee manager, while Brown Austin, executive vice president of the bank, is at right.

"Ours saves labor, cut spoilage, and live-costs and increase farm income.

"You get..."

T HE Harvestore handles crop storage and livestock feeding so that you get more meat or milk per acre. This is why the Harvestore is so important to the small farmer whose beef or dairy income is limited by his acreage.

The reason is Harvestore's exclusive sealed storage provides the only structure with the flexibility to handle both high or low moisture crops (silage, haylage, or corn.) Because moisture is no problem you can harvest when the crop is "right" or the labor available. You save more of the vital crop nutrients — protein, vitamins, minerals.

This better Harvestore feed shows up in faster gains, bigger milk checks, lower supplement costs, better breeding performance, healthier calves. Owners tell us these benefits alone more than pay for a Harvestore.

There are other advantages. You can store more crops in a Harvestore... use them in more ways. Because you fill at the top and unload from the bottom you can fill up and feed out continuously... you put more tonnage through a Harvestore... cut storage cost per ton or bushel. And because it is completely sealed, you have "start" and "stop" feeding without spoilage or loss.

And labor saving is a daily advantage. With Harvestore's mechanical bottom unloader feeding becomes a boy's job. Working with the feed conveyor of your choice, you have practical push-button feeding for any size herd — beef or dairy.

By losing these benefits you're paying for a Harvestore now. So why not own one. See your local Harvestore dealer and mail the coupon below.

Only Harvestore gives you all these benefits

- Feeds more livestock with less feed, less work, and from fewer acres.
- Saves more of the crop's nutrients.
- Cuts down need for supplements.
- Gives you your round "green" feed — no worries due to dried up pasture.
- You get better use and higher profit from high-moisture corn.
- Fire-proof, wind-proof, spoilage-proof storage for haylage or grain.
- Avoids frozen silage in cold climates.
- Permanent, low-maintenance, low-cost pen.
- Lets you feed to "beat the market".

BELLE GLADE—Coastal Motors & Equipment
PALATKA—Reliance Service & Supply, Box 149.
RUSKIN—Farmer's Gen. Repair Service, P. O. Box 239
TALLASSEE—Rivers Seed Co., P. O. Box 13

A. O. SMITH CORPORATION, Dept. FC-1054, Milwaukee 1, Wisconsin

Please send me free circular on how Harvestores save labor, cut feed costs and increase farm income.

Name

Town R.F.D.

County State

for October, 1954 13
New Economy Lundell Chopper shown above was photographed in action at Triple E Ranch in Osceola County where two of the machines are being used with more than satisfactory results.

- **CHECK THESE ACTION POINTS!!**
  1. **Positive Feeding**—The power-driven chopping knives chop the crop off the ground and feeds smoothly into the delivery.
  2. **Big Chopping Capacity**—Due to large throat area and wide cutting width, crop flows easily into cutting knives. Knives exert uniform action over the entire cutting width, resulting in a chopping-crushing action.
  3. **Easy Tractor Seat Control**—Convenient to reach and operate.

Made with thorough knowledge of Florida conditions . . . twice the capacity . . . simpler in design with fewer moving and working parts . . . more economical in price . . . Mr. Cattlemaster, see us before you buy . . . we've got the most up-to-date chopper on the market!

One of the new Bulkmaster models recently announced by Highway Equipment Company for feed handling is shown in this photo. New Leader Equipment Company of Lake Wales is Florida distributor.

auger—all by finger-tip hydraulic controls for operator convenience.

"For those in the feed industry who need to unload at extremely high points, the New Leader Bulkmaster is now offered with a proven air-unloading system—one that will permit delivery of feed at vertical lifts of up to 40 feet from the ground. Only four to five pounds of air are required and, because the feed is actually pushed and not blown, separation is not a problem."

The two new models are available in a full range of sizes from 10 feet to 32 feet in length, with capacities of five to 20 tons.

**Col. Wentworth Retires At Armour and Company**

Completing 35 years of service, Col. Edward N. Wentworth—well-known to many Florida cattle owners for many years—retired August 28 as director of Armour and Company's Livestock Bureau, which he had headed since 1928.

Wentworth judged at livestock shows and fairs throughout the country, spoke in practically every state in the union, and has written several books and numerous articles for agricultural and historical journals.

Col. Wentworth will reside at his home near Chesterton, Indiana. He has not been active for several months due to ill health but is recovering.

**Ferguson Announces Three New Implements**

A new hay-baler, a forage harvester and a subsoiler which can double as a pipe and cable layer are being produced by Harry Ferguson, Inc., of Racine, Wisconsin, in that the company emphasizes as "our continuing effort to help the American farmer raise efficiency and decrease costs."

The pipe and cable laying feature of the Ferguson subsoiler is a matter of a few minutes of conversion. The subsoiler, of course, is designed to break up
Low-Cost Way to add pasture acreage...

Every acre of improved pasture means extra tons of low-cost feed. The big Case Model “LA” tractor is used by many Florida cattlemen to build better pastures. It gives you extra power . . . longer engine life and lower operating costs, especially when equipped for butane, as shown. The new Case Diesel “500” is famous, too, for the way it eats up acres with a bush and bog or big offset disk. Model “CO” Offset Harrow shown here has sealed ball-bearings . . . 22 or 24-inch blades . . . comes in nine sizes from 4’6” to 10’6”.

PASTURE RENOVATING HARROW

Here’s the harrow to turn wasteland into paying pasture. The Case Model “M” has 24 or 26-inch notched blades . . . weighs over 1100 pounds . . . provides powerful penetration, clean cutting and mixing in heavy brush and palmettoes. Handles ditching, other diskinig jobs, too. Has pressure-lubricated Steelite bearings for long life and easy maintenance. Hydraulic or mechanical control.

AMERICA’S FAVORITE 6-FT. COMBINE

CASE Model “A” has earned a top spot among seed growers for consistently clean work and greater savings of seed in hard-to-thresh grasses and grains. It’s available with spike-tooth or rib-bar cylinder. Has long straw-rack . . . famous Case Air-lift cleaning that floats off chaff and dust. Engine or power-take-off.

CASE DEALERS

BELLE GLADE
Coastal Motors & Equip.

COCOA
Hibbs Tractor Co.

DADE CITY
Moss Tractor Co.

FORT MYERS
Ray Moore Imp. Co.

FORT PIERCE
Taylor & Munnell Inc.

HIGH SPRINGS
Thomas Equip. Co.

HOMESTEAD
Dade Tractor Co.

LAKELAND
Pounds Tractor Co.

LIVE OAK
Grantham Chevrolet

MARIANNA
Andreasen Tractor & Equip.

MILTON
Gerlach Motor Co.

ORLANDO
Medlock Tractor Co.

PALATKA
Beasley Tractor Co.

POMPANO BEACH
Farm Mach. Sales

SEBRING
Pounds-Zeiss Motor Co.

TAMPA
Thompson Tract. & Equip.

WAUCHULA
Casey Motor Co.

WEST PALM BEACH
Buckner Tract. & Equip.

WINTER GARDEN
Pounds Motor Co.

WINTER HAVEN
Pounds Tractor Co.
The Market's Best All-Purpose Rotary Cutter

CALDWELL'S S-2

We'll put our S-2 Rotary up against any other on the market and let you judge it on cost, rugged construction and performance. It's so superior you should see it before you buy any other.

The S-2, equipped with a 57-inch reversible Spring Steel blade, will cut brush two inches thick, and better. Rank weeds, briar, vines, all row crop residue is cut in a single pass. However, we recommend the S-2M (modified S-2) for these lighter jobs.

All Caldwell Cutters are equipped with Timken Bearings, Blood Bros.

heavy-duty Universal Joint, standard Power Take-Off, machine cut heat-hardened Gears sealed in oil, Shear Pin.

There are eight models in our rotary line, with cutting widths up to 12 feet. Booklet available. See your dealer or write:

E. L. CALDWELL & SONS
Corpus Christi, Texas

Cut it all With a CALDWELL

SOUTHERN DOLOMITE
PALMETTO, FLORIDA

FARNAM
THE NAME TO REMEMBER!
"Makers of Rotenox"

SCIENTIFIC PRODUCTS FOR
FLY CONTROL

Whatever your "Fly Control Problem", there is an economical Farnam Spray Concentrate that will solve it! Write for free copy of Farnam "Livestock Spray Guide".

METHANOX • PYRONOX • LINDANOX
TOXANOX • MALANOX • TOXANOX "PLUS"

SOUTHERN MILL CREEK PRODUCTS, INC.
TAMPA—306 N. Dale Mabry, Phone 8-6522 • ORLANDO, P. O. Box 1784 • SARASOTA, 679 Noroto Way, Bay Island, Phone Ringling 9-1551 • BELLE GLADE, P. O. Box 522 • JACKSONVILLE, 306 W. Church St., Phone 4-8484 • MIAMI, 460 NE 28th Street, Phone 82-3624 • BOYNTON BEACH, Phone 4032

This new Ferguson forage cutter, operating as part of the tractor, is a new development which the company feels is a forward step in implement design.

moisture-resistant hardpan and makes the deepest cut (22 inches) in its class.

The forage harvester and the baler both introduce the new Ferguson conception of attaching power-driven machines to tractors to make one highly efficient machine which is compact, easy to operate and highly maneuverable.

Both implements are side-mounted—a great advantage, the company notes, over conventional pull-behind machines because of the exceptional maneuverability, visibility and ease of operation. The combined machines pivot in the same radius as the tractor alone.

Swift and Company Publishes Pamphlets: One on Livestock Prices

"LIVESTOCK PRICES—and What Causes Them to Change"—is the title of one of two new pamphlets published by the Agricultural Research Department of Swift and Company and available by writing the department at Chicago 9, Illinois.

The other pamphlet is titled "Cattle and Calves...Where They're Raised and Beef is Eaten." The corn belt remains the largest producing area for beef in the nation, with some 28,000,000 head in 1953 compared to 6,500,000 in the South Atlantic area of which Florida is a part.

The pamphlet on Livestock Prices notes that buying power is the biggest factor in livestock demand—but also important are such things as taste, habits, the weather, seasons of the year, and religious beliefs. Value of by-products also has a substantial effect on livestock prices.

Indonesian Representatives Study Fleco Land Clearing

REPRESENTATIVES FROM Indonesian colleges (18 of them) saw the latest methods of land clearing demonstrated on a recent visit to Fleco Corporation in Jacksonville, the company reports.

The group—in the United States to study agriculture under a USDA-sponsored program, witnessed the complete renovation of wasteland with Fleco...
YOU CAN INCREASE YOUR CALF CROP WITH P.D.Q. SELF-RATIONING SUPPLEMENTS

Many records of experienced Florida cattlemen show a calf crop of 60% increased to 90% and better in 2 years by regular feeding of P.D.Q. Supplements. And the cost and consumption of P.D.Q. declines rapidly each year as the cattle become conditioned by P.D.Q.

A FEW PENNIES A DAY CAN MEAN DOLLARS TO YOU!

WRITE... WIRE... PHONE...

P.D.Q. COMPANY
P.O. BOX 439 LAKELAND, FLA.

Distributors: HOWARD FEED MILLS, INC. (North Florida), Jacksonville;
IRWIN GRAIN COMPANY (Southeastern Florida), Kendall
G. T. Garrett, Walton County farmer and grocer, not only uses Dixisteel Fence on his farm, he sells it to farmers in the area. This double confidence is doubly justified, because Dixisteel Fence fights rust two ways: copper-bearing steel fights off the arch enemy of fence, rust; and tough zinc galvanizing stands guard against it, too. You will find it pays to insist on Dixisteel Fence, with double protection, for your Dixie farm.

The Florida Cattlemak
Du Pont Two-Sixty-Two® helps put low-cost gains on beef

Good beef-making value often goes to waste because cattle can't fully digest coarse feeds. But your cattle can use this extra feed value and make better gains on range and roughages.

Cubes, concentrates or molasses containing "TWO-SIXTY-TWO" furnish cattle with high-grade urea nitrogen, which ruminants quickly convert to protein. This is an important benefit because cattle use this protein to make efficient gains.

This new benefit is based on the fact that the digestion of roughage depends on the bacteria in the animal's rumen. When properly blended with other ingredients, "Two-Sixty-Two" nourishes and stimulates these rumen bacteria. "Two-Sixty-Two" helps the bacteria to multiply faster, with the result that roughages are broken down and digested more rapidly and completely.

To help your beef animals get more food value out of all feeds they eat on range or feed lot, be sure the supplements you buy contain "Two-Sixty-Two." For more details on this new development, let us send you the booklet "The Growing Role of Urea Nitrogen in the Nutrition of Ruminants." Simply ask for booklet A-6176.

E. I. du Pont de Nemours & Co. (Inc.)
Polychemicals Department • Wilmington, Del.

TWO-SIXTY-TWO®
Feed Compound

for October, 1954
October and November are the months to plant winter clover, lupins, alfalfa, oats, rye, fescue and rescue grass.

We would like to call your attention to the new bulletin #517, "Winter Clovers in Central Florida" by Dr. E. W. Hodges, Dr. G. B. Kirk and D. W. Jones of the Range Cattle Experiment Station.

For those who have hay equipment we suggest a small block of alfalfa.

The season is at hand for that important fall application of IDEAL Brand Fertilizers to pastures. Contact your Wilson & Toomer representative for dependable service, experienced counsel and quality materials

**Planting Winter Pastures?**

**Working hand in hand with Florida Agriculture for 62 years**

Cattle gather around the Hobbs one-man stock feeder now being marketed by Hobbs Manufacturing Company of Fort Worth. Feed pellets drop out of the chute at side. Not only can one man feed, but a special device traps the fine particles normally lost.

the distributor of P. D. Q. Mineral Supplements in the same area. Howard, Jackson notes, needs no introduction to northern Florida, for they have "served the area faithfully and well for almost half a century."

The two appointments are in keeping with the policy of expansion now being undertaken by The P. D. Q. Company. Definite plans are now underway for the marketing of P. D. Q. mineral supplements in Georgia. Jackson reports, with this move prompted by the large number of inquiries which have been received from that state.

**One-Man Stock Feeder Introduced by Hobbs**

Rising costs of feeding livestock—whether during a Florida winter or during a western drought—is reduced by the one-man stock feeder recently introduced, according to Hobbs Manufacturing Company of Fort Worth, Texas.

The device (see cut), which saves the fine pellets normally lost in handling cake feed and thus solves a problem that has perplexed stockmen through the years, also reduces the labor formerly required for range or trough feeding. An exclusive device traps the fine particles of bulk feed usually lost during handling.

**The Rumen Story**, a color movie that brings to cattlemen the latest discoveries in animal nutrition, has been produced by Ralston Purina Company, and can be obtained from them. The remarkable photography in the 25-minute film includes sequences actually taken in the first stomach of a cow.
Program Tips

In order to aid various agricultural organizations in planning their programs, we list the following movies, film strips and speakers. The large majority of the films may be ordered from the National Agricultural Supply Company of Fort Atkinson, Wis., these are indicated by the abbreviation, (NAS). For your convenience, the catalog number, number of frames and price are listed along with the name of the film.

MOVIES

The Rumen Story, 25 min., Ralston Purina Company, Chesterbrook Square, St. Louis, Mo.
Animal parasites, 16mm., 30 min. California Spray-Chemical Corp., P. O. Box 7667, Orlando.
Land of our Farmers (America's cattle industry), write R. Elmo Griffin, assistant secretary, Florida State Cattlemen's Ass'n, Jacksonville, Fla., no charge except return postage.

Grass Farming With Silos, sound, color, projector and operator provided if two weeks notice, Marietta Concrete, Box 2068, Hollywood, Fla.

Clearing for Production, a 21-minute color film with sound, write, E. Rowling Milam, Jr., Sales Promotion, Flexo Corporation, Box 2317, Jacksonville.

American Farmer, a 16mm. sound and color 28-minutes in length, contact nearest Ford, Lincoln-Mercury, or Ford Tractor dealer.

FILMSTRIPS

Principles of plant and animal breeding, 04-SF1002, 47 frames, $1.50. (NAS)
Establishing grass waterways, 06-SF720, 45 frames, $1.25. (NAS)
Selecting dairy cattle, 010-SF207, 95 single frames, $2.35. (NAS)
Fundamentals of good milking practice, 015-SF205, 36 frames, $1.30. (NAS)
The farmstead windbreak, 06-SF501, 102 frames, $2.35. (NAS)
Inoculation of legume seed, 020-SF742, 47 frames, $1.20. (NAS)
Pasture improvement, 022-SF761, 55 frames, $1.55. (NAS)

Animal manures on the farm, 024-SF702, 51 frames, $1.70. (NAS)
Breeds of swine, 026-SF164, 78 frames, $2.55. (NAS)
Selecting swine, 030-SF161, 53 frames, $1.50. (NAS)
Determining fertilizer needs from soil tests, 036-SF701, 93 frames, $1.95. (NAS)

Federal meat inspection, 101-REA-2, 50 frames, $0.60. (NAS)
Running water for the farm, 086-REA-6, 44 frames, $0.60. (NAS)
Cattle diseases, or beef flies, 0128-637, 55 frames, $0.60. (NAS)
Brucellosis of cattle, 0130-632, 48 frames, $0.60. (NAS)
Endecticosis of foot-and-mouth disease in the U.S., 0132-635, 55 frames, $0.60. (NAS)
Clipping dairy cattle, 0152-16, 37 frames, $1.05. (NAS)

Artificial insemination of dairy cattle, 0195, 45 frames, $1.95. (NAS)

Beef cattle slide set (breeds), 0520, 8 slides, $2.95. (NAS)

SPEAKERS

Soils and pastures, J. Russell Henderson, extension agronomist, Univ. of Fla., Gainesville.

Beef cattle management, J. E. Pace, extension animal husbandman, Univ. of Fla., Gainesville. Florida's cattle industry, Cushman S. Radebaugh, FSAC Public Relations Chairman, P. O. Box 1928, Orlando.

Meats and meat products, Dr. A. M. Pearson, meats specialist, Univ. of Fla., Gainesville.

Genetics of cattle, Dr. Marvin Koger, Animal Husbandry Dept., Univ. of Fla., Gainesville.

Dairy cattle management, Clarence Reaves, extension dairymen, Univ. of Fla., Gainesville.

Swine management, J. E. Pace, extension animal husbandman, Univ. of Fla., Gainesville.

Florida's 4-H program, W. W. Brown, state boys' 4-H club agent, Univ. of Fla., Gainesville.

FFA program, A. R. Cox, state FFA secretary, State Department of Education, Tallahassee.

Biological Subjects, Dr. E. S. Cogan, Lakeland Cash Feed Company.

FLY FLAKES

(Trademark)

Greatest Fly Killer in History

- No Spraying!
- No Dusting!
- Nothing to Mix!
- No Mess!

Simply Scatter By Hand
(Use a rubber glove)

Dairymen, Poultrymen, Cattlemen, Farmers, Technical Personnel, and Housewives all over the country have acclaimed this amazing new fly killer.


You can't beat FASCO Livestock Sprays. . . flies, mosquitoes, ticks, scab mites, mange mites all yield to these powerful BHC-DDT sprays in FASCO formulations. Packed in 50 and 5-lb. bags.

FLY FLAKES ARE TRIED AND PROVEN
ACCEPT NO SUBSTITUTES

Manufactured by

FASCO

DIVISION OF WILSON & TOOmer FERTILIZER COMPANY

JACKSONVILLE, FLORIDA

for October, 1954
Institute Has Top Program

Good attendance and a fine array of speakers talking on a wide variety of practical subjects marked the First Annual Cattlemen's Institute which was held August 19, 20 at 4-H Camp Francis near Lake Placid in Highlands County.

More than 300 cattlemen and their ladies from 30 counties and three states attended the event which was sponsored by the Florida Cattlemen's Association and put on by the Florida Agricultural Extension Service. From as far away as Washington, Putnam, Dade and Lee Counties they came to attend "classes" which were held in the Cattlemen's Auditorium, which was built with FCA funds.

Practical cattlemen, ranch foremen, agronomists, nutritionists, bankers, economists and a number of other livestock production and marketing specialists were on hand to "teach" their special subjects during this first institute. And plans for the second annual event were discussed with marked interest before "school" was dismissed.

More Quality...

"We in Florida must improve the quality of our cattle and the quantity of our calf crops," said H. G. Clayton of Gainesville, Director of the Florida Agricultural Extension Service. He called on the

Among those on the program at the Cattlemen's Institute at Lake Placid are the men shown in pictures at left. Top to bottom, photo show, left to right: Southwestern Florida contingent Gene Felton, H. D. Ryals and W. D. Roberts; Speakers Gilbert Tucker, Earl Hartt, Ben Hill Griffin, Jr., and H. G. Clayton; Cattlemen and scientists, front, D. W. Beardsley, Irlo Bronson, Jay Starkey, and, rear, James F. Heniges, Jim Pace, J. R. Henderson and D. W. Jones; Speakers Griffin, E. M. Hodges and J. Carlisle Rogers; University professors Heniges and Marvin Koger; Other speakers, Gifford Rhodes, W. K. McPherson, P. E. Williams and Frank Nash.

There was an informal side to the Cattlemen's Institute as these photos show (identification is from top to bottom, with individuals named left to right in each picture): Washington County cattlemen Ray E. Folmer, J. E. Davis, R. W. Peel and Ned Brock; Cabins where many visitors stayed, with lake in background; St. Lucie-Indian River visitors John Sawyer, John Norvell, William Sharrett, M. H. Scott, D. P. Sawyer, Bill Padwick; Bathers enjoying lake; K. S. McMullen passing out "Eat More Beef" stickers; Portion of the Cattlemen's Auditorium.
October and November are the months to apply a Nitrogen “top dressing” to put your improved pastures in the best condition for the cold, slow-growth months. Superior has whatever type of Nitrogen that you prefer... remember it takes 30 lbs. of available pure Nitrogen per acre at this time to give you high protein grazing during the dormant months.

If your pastures are deficient in the other plant foods, use a high Nitrogen analysis fertilizer, such as 9-6-6 or 12-6-6. Rate of application will vary from 300-500 lbs. per acre, depending on the individual needs. (If you have been using a complete fertilizer in the Spring, straight Nitrogen is usually all that is needed now.)

The Superior PASTURE SPECIALIST can help you with your fertilization program. His service is free. Phone or write Superior and he will call on you.

**Fertilizing Old Clover**

Now is the time to fertilize your reseeding stands and live-over Winter Clovers. 300-700 lbs. per acre of 0-10-20 or 0-8-24 is recommended for these stands.

Be sure to apply lime or Dolomite if the soil pH is below 6.5.
cattlemen to direct their operations toward those goals where possible, and he told them that, "This meeting was arranged so that cattlemen from throughout the state could hear first hand of the good practices being followed by various successful individuals. Also, this is an ideal place for our extension personnel and the university's animal husbandry staff to get their ideas across to you that express such interest by your attendance."

**Big Job Ahead...**

FCA President Ben Hill Griffin, Jr., of Frostproof, told his early morning audience that, "This first cattlemen's institute will certainly be a success if it is just half as successful as the citrus institute and others which the extension service has been putting on for a number of years. It is my sincere belief that this will become a permanent and valuable thing for all concerned."

"The Florida cattle industry should be considered in its infancy as far as improvements are concerned," he said, "The big job lies ahead of us, and the opportunities and possibilities are great."

**Get the Best...**

Gilbert Tucker, manager of the A. Duda and Sons operations at Cocoa, advised the group to "get the best bulls of the breed you use, and buy them only from recognized breeders who are prepared to stand behind them."

Tucker discussed the various methods used at the Duda ranches to check on the "get" of the bulls used for breeding purposes. And he also stressed the importance of supplemental feeding of bulls. "This results in bigger and better quality calf crops and also keeps the bull in breeding condition for a longer period." The Duda manager advised that bulls should be fed on the ground when they show a marked tendency to fight with each other. "The best bull you can afford is the cheapest bull you can buy," he concluded.

**Range Program...**

W. D. Roberts, rancher of Immokalee, said: "There are as many ways of managing cattle as there are managers, but conditions often dictate the type of operation you will have."

"When you starve a cow by not providing her enough nutrients you only hurt your own pocketbook." He advised the cattlemen to "cull your herd from top to bottom, old and young alike."

Roberts also stressed the importance of a controlled breeding program, and related that he kept bulls with his cows for not over five months during the year. "We run bulls with our herds from February 1st to July 1st, and this gives us..." (Continued on page 47)
What's the Best Way to Protect Against Shipping Fever?

The right answer can mean many dollars since Shipping Fever is a widely destructive disease. Let's first look at a few facts:

We are dealing with an unusually complex disease. It has many variations. Also a variety of causative factors.

What is commonly called Shipping Fever may result from infection of certain virulent organisms. Or from severely unfavorable management conditions. Usually it is a combination of both.

Preventive vaccination is the first step.

Vaccinate calves in the fall about 2 weeks before shipping or weaning. Then a second dose about a week later.

For calves vaccinated in the spring, one fall "booster" dose should give adequate resistance against pasteurella and corynebacteria infection. Such vaccination usually takes care of the Hemorrhagic-Septicemia factor of shipping fever.

In addition to the bacterin vaccination a penicillin injection is advisable for strengthening resistance during the exposure period, usually given upon arrival of calves at destination.

Whenever symptoms of shipping fever do develop, prompt treatment with Tri-Sulfa Solution is recommended. The use of Tri-Sulfa with Penicillin or Penicillin-Streptomycin is rapidly gaining favor for treatment of such respiratory infections.

Throughout, it is important that all factors tending to weaken natural resistance should be avoided. Chilling after overheating. Overcrowding. Excessive dust. Any form of rough handling. Such extra care at shipping and weaning time will pay off in minimizing losses.

Franklin CORYNEBAC-PASTEURELLA BACTERIN is the favored vaccine.

Franklin offers proven products that provide the best known protection against shipping fever.

Franklin TRI-SULFA and Franklin PENICILLIN are unexcelled for their purposes.

A more detailed explanation of this whole subject is given on pages 9, 10 and 11 of the current Franklin Catalog, free copy of which may be had for the asking.

Your Franklin Drug Store dealer is able to help use the right product in the right way at the right time.

No need of risking losses when reliable means of control are so convenient and inexpensive.

O.M. FRANKLIN SERUM COMPANY
DENVER - KANSAS CITY - WICHITA - ALLIANCE - AMARILLO
FT. WORTH - MARFA - EL PASO - MONTGOMERY - SALT LAKE CITY
LOS ANGELES - PORTLAND - BILLINGS - CALGARY
FIELD DAY, Grading School Planned for October 14-15
At University of Florida

Full two-day program planned by University for livestock producers will begin with 7:30-9 a.m. open house

Grading of beef cattle and hogs on foot and in the carcass will be emphasized at the University of Florida Livestock Pavilion on October 14 and 15.

That's the announcement from Dr. T. J. Cunha, head of the University's Department of Animal Husbandry and Nutrition. Other speakers will tell about the beef promotion program, steer feeding operations and other matters of current interest. A tour of the new beef research unit will also be conducted.

Fred J. Beard, chief of grading for the USDA, will explain all grades with assistance from Drs. J. F. Hengstes and H. D. Wallace of the University staff.

Crowd in attendance will have an opportunity to grade all the cattle and hogs before official grades are placed on them by Beard. The various grades of cattle and hogs will be graded on foot the first day and then will be slaughtered and graded in the carcass the next day. This will give those in attendance an opportunity to determine how closely they can predict carcass grades from examining the live animals.

Cushman Radebaugh, Orlando, vice president of the American National Cattlemen's Association, will discuss the national program to increase beef consumption. He will be followed by Ben Hill Griffin, Jr., Frostproof, president, Florida Cattlemen's Association, who will give the Florida program for increasing beef consumption. Fred H. Lofland, director of meat operations, Food Fair Stores, will discuss "What the Retailer Wants in Beef and Pork". These talks will be followed by Beard's discussion on "Meat Grading—A Guarantee of Quality to the Housewife".

A feeder cattle grading demonstration will be put on by Cortell "Stoney" Edwards of the Quincy Livestock Company. A demonstration on evaluating breeding cattle will be put on by Drs. M. Koger and A. C. Warnick and also by Max Hammond of W. H. Stuart Ranch at Bartow.

A panel on steer feeding operations will be conducted, with membership consisting of University personal as well as prominent cattle feeders such as James Love of Quincy, Fritz Stein of Belle Glade, Paul Thompson of Belle Glade, Ed Watkins of Cottondale, and G. A. Furgason of Ocala.

A tour of the new beef research unit.

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**UF Field Day Program**

**THURSDAY, OCTOBER 14**

7:30-9 a.m.—Open House

7:50 a.m.—Swine Producers' Activities (Tom Cannon, Jr.)

4:00 p.m.—Retailer's Needs in Beef and Pork (Fred H. Lofland)

7:30 p.m.—Purpose of Meat Grading (Fred J. Beard)

**FRIDAY, OCTOBER 15**

9:00 a.m.—Feeder Cattle Grading (J. F. Hengstes, Cortell "Stoney" Edwards)

1:00 a.m.—Evaluating Breeding Cattle (M. Koger, A. C. Warnick, Max Hammond, Jim Pace)


12:00 noon—Lunch (Block and Bridge Club)

5:30 p.m.—Tour of Beef Research Unit

Program includes: Introductions (J. F. Hengstes); Introductory Remarks (J. F. Beekensbach); Breeding Work (M. Koger); Patterning Experiments (G. B. Kllinger); Soil Fertility (W. G. Blue); Irrigation (J. M. Myers); Fertility of Cows and Heifers (A. C. Warnick); Beef Product Costs (A. E. Creme)
Let **Zero** help YOU build for the future with

**SIMPLE, INEXPENSIVE, FULLY AUTOMATIC MILKING**

**Start Your Planned Milking System with**

**Zero’s T-20 VACUUM REFRIGERATED MILK TANK**

- **Engineered for Your Future**
- **Adaptable to All Milking Methods**
- **Outstanding as a Pour-in Tank**
- Zero’s T-20 Tank is especially designed for DIRECT COW-TO-TANK Vacuum Refrigerated Milking

**THE BEGINNING OF your fully automatic milking system is Zero’s T-20 Vacuum Refrigerated Milk Tank. Designed for use on any dairy. The T-20 makes an excellent pour-in tank. Used this way, it has all these advantages: extra strength and high quality — stainless steel and steel throughout . . . cylindrical shape won’t bulge, gives accurate measurements . . . easy cleaning inside and out, even by short man . . . 3” insulation for rapid cooling . . . 10” x 20” lids easily cleaned in wash tank . . . entire tank perfectly air-tight to hold vacuum so you know it’s dust- and vermin-proof.**

Even if you’re not yet ready for fully automatic milking, you can improve on the pour-in method and add new ease to your milking operation by using your T-20 as a vacuum refrigerated tank with Zero’s Vacuum Tank Fillers. With this method (shown at left), a pail of milk is easily drawn into the tank in about 30 seconds, then quickly vacuum refrigerated. The short milk line used includes our in-line strainer and valve. This method lets you take greatest advantage of your T-20 . . . eliminates lifting and pouring from heavy milk pails . . . saves cost of pour-in strainer . . . and gives you vacuum refrigerated milk with animal heat and odors removed!

**DIRECT COW-TO-TANK MILKING WITH ZERO’S T-20** is the ideal goal in your planned milking system. Milk is drawn directly from cow to tank and refrigerated by vacuum. Completely eliminated are lifting, carrying, pouring heavy milk cans, and all the other back-breaking, time-wasting methods you’ve been using. Also, there’s no need for costly milk receivers or pumps. And, your T-20 will cool twice as much milk with the same power as most can coolers.

With this simple, inexpensive system and Zero’s T-20 Milk Tank, you will use less labor to produce far better milk. Your future is in vacuum milking . . . WRITE ZERO about Your T-20 Milk Tank TODAY!

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The finest system of automatic milking ever devised for small and large-sized dairies! Lets the small dairyman compete with large producers because he can operate with an absolute minimum of time, effort, and equipment. Zero T-20 Cow Stalls are used with the T-20 Milk Tank. Stalls have heavy angle-iron frames around steel doors—save cost of 1 side of barn and 1 side of milk house. Possible to use with present buildings. Entrance and exit doors operated by lever from milk parlor. Gives preference only 5 ft. apart. All manual operations confined to one small area. The perfect way to produce and protect your milk.

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**Junior Fair Set In Hillsborough**

DON STORMS, president of the Hillsborough County Junior Agricultural Fair, announced recently that, for the first time in the history of this annual youth show, a fat stock show will be held in connection with the beef cattle division contests when the fair is held at the new Plant City stadium December 2-4.

Steers for the fat stock show will be secured by the Hillsborough County Cattlemen’s Association for showing and selling at the Florida State Fair to be held in Tampa in February, and to be fattened and groomed by FFA and 4-H Club members of the county, in cooperation with a number of banks in the area.

for October, 1954
STEERS Up
At Feeder Calf Sales

Nearly $2.00 more per hundred paid for
Angus calves

Angus steers averaged up to nearly two cents per pound more than last year at the Feeder Calf Sales sponsored by the Florida Aberdeen-Angus Association during the second week of September, with sales being held on September 7, 8 and 9 at Graceville, Gainesville and Live Oak respectively.

Buyers paid an average of $16.19 for Angus steers at the Gainesville Live Stock Market as compared with $14.40 last year. This sale was comprised of cattle of predominately Angus breeding, while the Graceville and Live Oak sales included animals of different breeds and of a variety of grades.

The three sales were well attended with many buyers and sellers participating at each event. A total of 1927 head of cattle were sold in the special sales which grossed $108,836 and brought a per head average of $56.

While the sales at Graceville and Live Oak were the first of this sort to be held, “old-timers” at the Gainesville event said that the quality and the grouping of the animals was the best they had ever seen at this sale.

Gainesville Averages
$15.57 on 937 Head

Demand for steers was strong and once again buyers paid above market prices at the Gainesville Live Stock Market where 937 head of “Blacks” averaged $15.57, on a gross weight of 37,758 pounds of beef and brought an average of $63 per head to gross $58,958 on an average weight of 303 pounds. This sale averaged $15.85 on 1164 head last year.

Harold McCullars, Gainesville auctioneer who again cried the sale, was able to get an average of $16.19 per hundred pounds on 510 head of steers which averaged 414 pounds each and brought a $67 per head average on a gross weight of 211,903 pounds and a gross take of $34,215. Heifers averaged $14.78 on 427 head which averaged 392 pounds each and brought a per head average of $58 on a gross weight of 167,455 pounds and a gross take of $24,735.

Angus steers at this sale last year averaged $18 per head on an average weight of 400 pounds for 647 head, while last year’s heifer average was $17.70 on 527 head for a per head average of $67 on an average weight of 860 pounds.

J. P. Ramsey and Son of Micanopy sold the top-selling heifers and steers, with Circle M Ranch, Gainesville, paying them $24.75 for four heifers averaging 431 pounds each, while Herbert Brown of Trenton paid them an average of $22.25 per hundred pounds for four steers which weighed an average of 888 pounds each. This was a per head average of $107 for the heifers and $88 for steers.

H. E. Wolfe of St. Augustine spent more money at the sale than anyone else, paying $18,771 for 178 head. W. J. Whitehurst of Williston bought 174 head for $16,662 to rank as the second highest buyer, and Hopley Angus Ranch at Lutz bought 48 head for $2517. The Ramseys received the most for their cattle, getting $115 for 101 head. (Continued on page 60)
Build him UP but keep your mineral feed bill DOWN

Buy CUDAHY All Purpose Mineral Feed from your feed dealer, where you save up to $25 per ton

Beef cattle must have minerals. In fact, the risk of mineral deficiencies is greater in beef cattle than for any other livestock because so much of the feed they get on the range is lacking in one or more minerals.

Cudahy’s Mineral Feed gives you positive insurance against mineral deficiencies. Compare the quality ingredients in Cudahy’s: Over 50% steamed bone meal, natural source of body-building phosphorus and calcium. Plus blood-building iron and copper, iodine, cobalt and manganese.

Compare price—and you’ll find you save up to $25 a ton when you buy Cudahy’s from your feed dealer. A small amount of Cudahy’s Mineral Feed will take care of your cattle requirements. In Kansas experiments, the daily addition of only 1 ounce of minerals per steer increased profits $5.21 per steer.

When you consider all the ways Cudahy All Purpose Mineral Feed boosts your profits and lowers your cost, isn’t it just good cattle sense to make Cudahy’s part of your feeding program?

PROFIT 5 WAYS:
1. Faster, heavier gains
2. Better grade meat
3. Better health
4. Lower feed consumption
5. Better reproduction

PREVENT 5 LOSSES:
1. Bone disorders
2. Anemia
3. Depraved appetite
4. Breeding troubles
5. Glandular diseases

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Available from local feed dealers in 50-lb. and 100-lb. bags and 50-lb. wind-and-rain resistant Blox.

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Orlando Area Suggested By FCA as Location for Diagnostic Laboratory

Florida's cattlemen want a state diagnostic laboratory for large animals, they want it to be controlled by the Florida Livestock Board, and they recommend that it be located in the "Orange County area.

That was the expression made by directors of the Florida Cattlemen's Association at Kissimmee September 17, when Cushman S. Radebaugh of Orlando asked for instructions on the three points. Radebaugh is the cattlemen's representative on the Florida Agricultural Council which is studying the proposal and will steer it through the legislature.

A variety of business matters were considered at the all-day session at which President Ben Hill Griffin, Jr., of Frostproof presided. But it was the diagnosis laboratory and the Eat More Beef program that received the most attention.

Chairman Maurice Hollins of Crystal River who heads the Beef Promotion Committee and Charlie Lykes of Brighton, his vice chairman, told the group what has been done in beef promotion and recommended that funds be found to continue the program after FCA's $6000 is exhausted around November 1.

General feeling of directors favored continuation of the program, and a method of financing through voluntary contributions at 10 cents per head sold by auction markets won general approval after Alto Adams of Fort Pierce, owner of the Okeechobee Livestock Market, offered to pay that amount on all cattle sold at his auction between October 1 and January 1.

Adams said that the contribution would come out of the market percentage, not from the cattlemen selling stock.

The board took action as follows on other matters brought before it:

1. Acquiesced with President Griffin's proposal that cooperation with the cattlemen's bond drive—a national program sponsored by American National Cattlemen's Association—be left to the discretion of the officers;

2. Referred to legislative committee a report from Harold S. Gray of the National Highway Users' Conference in which Florida organizations are recommending reorganization of the State Road Department and earmarking tag money not used for school construction for highway building;

3. Authorized a committee (J. O. Pearce of Okeechobee, Alto "Bud" Adams, Jr., of Fort Pierce and Gilbert Barkoskie of Wabasso) to seek cooperation from purveyors and associations in financing a float for the cattle industry in next winter's Orange Bowl parade at Miami;

4. Authorized the officers to investigate state rulings which make it difficult for some Florida packers to sell to state institutions, and take action to ease such rules if possible;

5. Heard George Kempter of Deer Park report on recent meeting of the American National council held in Denver;

6. Received a report indicating that Charolaise cattle smuggled into the United States from Mexico will be returned to that country;

7. Learned from Horace Miley of Lithia, chairman of a special committee appointed at the Midsummer Conven-

Eat More Beef

Three beef industry organizations report action on the national level to help keep beef consumption at its present high rate.

American Meat Institute, organization of large packers, reports that it's distributing quantities of full-color posters and bright streamers for display in stores. The National Live Stock and Meat Board, marketing organization, announces the presentation of the first full-hour meat program ever presented on color television. And American National Cattlemen's Association announces that Ray Taylor, president, president of the New York luncheon for 100 food editors at which Secretary Benson was the featured speaker.

According to American Meat Institute, the program in retail stores is part of an overall campaign aimed at the medium of communication—newspapers, magazines, television and radio—as well as the groceries, restaurants, etc.

The four-color posters will deal with the brasing cuts of beef and four price streamers will feature hamburger, pot roast, beef stew and round steak.

The four-hour television program, put on by National Live Stock and Meat Board took place at Oklahoma City in early August and consisted of a one-hour meat lecture-demonstration over station WKY-TV. Special emphasis was given to beef since state-wide beef promotion plans are actively underway in Oklahoma and September is "Eat More Beef" month there.
tion with power to act, that FCA took
no stand on the recent proposal that
Tampa adopt an ordinance requiring
that meat be advertised by U. S. grades;
(8) Took no action on a suggested
radio program over Radio Station WSM
of St. Petersburg which might cost as
much as $1000 per month.

Kempejer gave a detailed report on the
American National session, but high
points were: 1) the organization is seek-
ing better reports from USDA including
a calf crop estimate on July 1 each year;
2) consideration is being given to forma-
tion of a national beef promotion group;
3) all states have beef promotion pro-
grams in action, most of them better
financed than ours; 4) American Na-
tional wants another beef purchase pro-
gram this fall, with future delivery pro-
visions adjusted to eliminate speculation;
5) it also wants disaster relief programs
so arranged that surplus commodities
will be easily secured at cheap rates.

It was also voted to provide plaques
for the two state honorary directors
(Dave Crum of Plant City and J. F.
Sumner of Wimauma), and President
Griffin urged all associations to be con-
sidering applicants for selection at the
Orlando convention November 16-18.

$17.50 Top Paid
For Polk 4-H Steers

Pork County 4-H Club members sold
a total of 39 head of grade steers at their
annual auction held recently at the
Cattlemen's Livestock Auction Market,
Lakeland, and top price of $17.50 per
hundred pounds was paid to Danny Akins
of Mulberry for his 700-pound entry.

F. M. Peacock, assistant animal hus-
bandman at the Range Cattle Station
at Ora, gave a grading demonstration
during the event, and was assisted by L.
H. Lewis of Winter, director of state
farmer's markets.

Other consignors to the sale included:
David Tice, Bartow; Lowry Harper,
Brewster; Jimmy Dickson and Robert
Thornhill, Winter Haven; Sonny Howell,
Paul Keen and Dick Gardner of Lake
Wales; Jerome Howell, Haines City; and
the Mulberry 4-H Club.

Loans Made Easier By
Colombian Government

The government of Colombia, South
America, has recently authorized one of
its banks to make loans to individuals,
firms, or organizations for the purchase
of domestic purebred bulls or imported
livestock of all kinds.

This should make it easier for Colom-
bian livestock producers and new breeders
of that country to finance purchases from
Florida and other states now doing busi-
ness there.

Extra MEAT at Low Cost. V-C Fertilizer and wise management
help pastures to yield four to five times as much succulent, green,
nutritious grazing. Beef cattle harvest this low-cost, high-quality
feed and use it to quickly produce extra pounds of top-grade meat.

Extra MILK at Low Cost. V-C Fertilizer produces more and better
grazing and extra grazing days early and late. Dairy cows convert
this high-feed-value roughage into extra gallons of milk produced
at very low cost. Saves labor and expensive barn feeding.

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ture program. This better fertilizer
contains the plant foods your graz-
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minerals, vitamins and other nu-
trients. Start now to use V-C Fer-
tilizer on your pastures!

V-C factories, at Nichols and
Jacksonville, formulate pasture fer-
tilizers suited to all Florida soil
types, pasture grasses and legumes.

Famous for crop-producing power
and easy-drilling quality since 1885

VIRGINIA-CAROLINA CHEMICAL CORPORATION, P.O. Box 2311, ORLANDO, FLORIDA
Seven Livestock Events Are Scheduled During October, Mostly in Northern Florida

Seven events have been reported as being set for the month of October with the unofficial kick-off time for Florida’s show and sale season close at hand.

The Santa Rosa County Fair at Milton on September 30-October 2 is the first event on tap, and this is followed by the Junior Livestock and Poultry Show at Ocala on October 18-20. Live Oak’s Suwannee Valley Swine Show is set for October 18-20, followed by Pensacola’s Interstate Fair during October 18-24. Callahan is the site of the Nassau County Fair and Northeast Florida Livestock Show during October 20-23, with the Jackson County Fair being slated for Marianna October 25-30, and the North Florida Fair set for Tallahassee on October 26-30.

Interstate Fair...

Dr. James R. Love, Escambia County livestock specialist and general superintendent of the livestock division of the Interstate Fair, said that special emphasis will be placed on junior and district dairy shows and pointed out that the deadline for exhibits will be Friday, October 1.

All animals must be checked in by noon on Monday, October 18 with judging of dairy animals slated to take place at 11:30 a.m. on Tuesday, October 19 and Angus cattle will be judged at 2:00 p.m. on the same day.

Sloan Baker, animal husbandman with the North Florida Experiment Station at Quincy has been selected to judge all beef cattle entries, while G. W. Reaves, extension dairyman with the University of Florida will serve as the dairy cattle judge, and L. H. Lewis of Winter Haven, director of state markets, will judge all swine entries.

Classes will be included for Angus, Herefords, Shorthorns, and Brahman in beef cattle competition.

A special herdsman award will be offered in the beef cattle show to be judged on the neatness of the exhibit.

In the junior show, the same classes for beef cattle, dairy cattle and swine will apply as in the adult classes with the exception of classes for steers and barrows and junior judging contests for both FFA and 4-H members.

Jackson County Fair...

The 1954 edition of the Jackson County Fair will be held at the fairground located just east of Marianna.

Exhibit planning has been well underway with R. D. Bennett of Greenwood serving as chairman of the dairy cattle show and Reuben Mohs, technician for Chipola Artificial Breeders’ Association, as superintendent of the beef cattle show.

Jackson County Agent W. W. Glenn points out that beef cattle, dairy cattle, and swine shows are on tap for both adults and 4-H and FFA youngsters.

Anyone desiring information about the fair should write Glenn at the county agent’s office in Marianna.

Junior Livestock Show...

The Fourth Annual Junior Livestock and Poultry Show is slated to be held at the Southeastern Fat Stock Show and Sale Pavilion in Ocala, October 18-19, according to Louis Gilbreath, of Ocala, manager of the Southeastern.

Clarence “Mank” Camp of Ocala, president of the Southeastern, points out that the directors of that organization are making the group’s facilities available for the show and contributing $1200 in premium money.

Rules of the show point out that any bona fide 4-H club, FFA or FHA member of Florida may enter poultry, dairy cattle, breeding beef cattle, or breeding and fat swine. Deadline for entries will be October 8.

Gilbreath said that 4-H and FFA entries will show under separate competition with the exception of the showmanship contests, grand champion barrow class, and the best 10 car of corn exhibit.

General superintendent of the show will be Doug Oswald, farm representative with the Commercial Bank and Trust Company at Ocala. Other superintendents include: beef cattle, J. G. Smith, district supervisor, vocation education, Gainesville; dairy cattle, Grant M. Godwin, assistant state boys 4-H club agent, University of Florida, Gainesville; swine, L. T. Pendarvis, State Livestock Marketing Bureau, Jacksonville; poultry, L. W. Kalch, University of Florida assistant extension poultry husbandman, Gainesville; corn show, A. C. Mixon, University of Florida assistant extension agronomist.

J. E. Pace, University of Florida extension animal husbandman, will judge the beef cattle, while T. W. Sparks, University of Florida assistant extension dairyman, will be the dairy cattle judge, and John G. Folks, agricultural representative with the Florida Power Corporation, will judge the swine entries. The poultry will be judged by Julian S. Moore, University of Florida extension...
poultryman, and J. R. Henderson, University of Florida extension agronomist, will serve as the judge for the corn show.

Nassau County Fair...

Many more beef and dairy cattle are expected this year than ever before at the Nassau County Fair and Northeast Florida Livestock Show at Callahan, according to Nassau County Agent Gordon Ellis, who adds that he has invited cattlemen from all over the state to make entries in the event.

The regular breeds of beef and dairy cattle will be shown with beef judging slated to take place on Thursday, October 21, and dairy cattle will be judged on Friday, October 22. The fair will be held at the fairgrounds.

Ellis said that the various daily programs during the event will include a rodeo, horse racing, forestry day, children's day, and governor's day.

North Florida Fair...

A record sum of $12,000 in prize money has been set aside for the 1954 edition of the North Florida Fair at Tallahassee. Entry blanks and regulations for any phase of competition in the fair may be obtained from the office of Leon County Agent Lloyd Rhoden in Tallahassee. He is also the fair association secretary.

Plans for two new show contests have been completed which include a junior dairy show open to 4-H and FFA members and a fat barrow show for FFA youngsters.

In addition to the youth events, adults will show all classes of beef and dairy cattle and breeding swine.

Santa Rosa Fair...

The Milton Gymnasium and Ball Park in Milton will be the scene of the Santa Rosa County Fair.

Classes in beef cattle and dairy cattle for both adults and 4-H and FFA members will be provided, but McCall points out that 4-H and FFA entries will not compete against each other for prizes.

Suwannee Swine Show...

J. E. Pace, University of Florida animal husbandman, and Dr. H. D. Wallace, also of the University, have been announced as the judges for the 1954 Suwannee Valley Swine Show at Live Oak.

Suwannee Assistant County Agent Paul Crews reports that Durocs, Hampshires, Spotted and Black Poland Chinas, Tamworths, and Berkshires will be shown in adult, FFA, and 4-H classes during the swine breeding show.

In the barrow show, October 20, the adult, FFA, and 4-H champions will compete against each other, for the grand championship.

for October, 1954
9th Annual
Sumter All-Florida Breeders' Show

Wednesday, November 3, 1954
8:00 a.m. Deadline for Entry of Cattle at Show Barn
8:00 a.m. Classification of Entries Begins
9:00 a.m. Brahman Judging Starts

Thursday, November 4, 1954
9:00 a.m. Judging of Herefords Begins
1:00 p.m. Sale of Registered Herefords
7:30 p.m. Banquet, Bushnell Woman's Club

Friday, November 5, 1954
9:00 a.m. Judging of Aberdeen-Angus Begins
1:30 p.m. Sale of Registered Aberdeen-Angus

Saturday, November 6, 1954
9:00 a.m. Judging of Shorthorns Begins
10:00 a.m. 4-H and FFA Junior Judging Contests
1:00 p.m. Sale of Registered Shorthorns
(Cattle to remain on display until 3:00 p.m.)

Send Entries to
O. M. MAINES, Secretary, BUSHNELL, FLORIDA

This advertisement sponsored by Eastern Brahman
Association, Florida Hereford Association,
Florida Aberdeen-Angus Association, and Florida
Shorthorn Breeders' Association, cooperating with Sumter
All-Florida Breeders' Show.

Four Big Days Nov. 3-6

The Florida Cattleman
THE show has been held since it was established in 1896, according to T. Noble Brown of Webster, who has handled arrangements for construction of the building.

Pavilion, which is being built a half mile south of Beville's Corner and three miles north of Webster, will replace the temporary sheds at the Sumter County Farmers' Market in Webster where the show has been held since it was established in 1946.

Meanwhile Brown said that plans are progressing for the show itself under the direction of Chairman Lewis Giddens, also of Webster. Classifications for the show are expected to be the same as in previous years—however this year's show will embrace four breeds instead of three, with Shorthorns taking a place in the competition for the first time since 1947.

Construction of the new pavilion climaxes years of effort by the Sumter show authorities. The $75,000 cost of the structure, including 18 acres of land, is being met largely by the State Department of Agriculture through Commissioner Nathan Mayo, although local interests have made sizable contributions. Department of Agriculture will invest some $60,000, according to Brown, with Sumter County Commissioners providing $10,000 and the Sumter County Farmers' Market purchasing the land.

Ample space for the Sumter show, which has been somewhat crowded in previous years, will be provided in the new pavilion. The main show ring will have an overall width of 8o feet and a depth of 100 feet, with permanent seats installed on one side.

On either end of the ring will be aisles for cattle, with something over 350 tie rings provided in the two 8o-by-120-foot areas.

Plans also include offices around the front of the ring section of the pavilion, but Brown said these would not be constructed at this time, although rest room facilities will be included.

The Webster pavilion will join similar large structures at Quincy, Ocala, Kissimmee, Bartow and Belle Glade constructed with State Department of Agriculture aid, and smaller ones at Fanning Springs and Callahan. Another new pavilion, considerably smaller than Webster's, is now being built at Chipley, L. H. Lewis, director of State Farmers' Market and Mayo's representative in making pavilion plans, reports.

All of the details for 1954's four-day Sumter show are not yet completed, according to Brown—but there will be an extra-full program, with three sales scheduled instead of the two that have been held for the past few years.

Florida Shorthorn Breeders' Association plans to hold its fall sale at Webster this year, and has selected the date of November 6—Saturday. As usual Aberdeen-Angus breeders will hold their annual fall sale on Friday, November 5, and the Florida Hereford Association bull sale is scheduled Thursday, November 4.

Under the schedule which will probably be adopted for the 1954 show, Brahmans will be judged on Wednesday, Herefords Thursday, Angus Friday, and Shorthorns Saturday. Youth events will be held on Saturday as in the past.

Construction of the new pavilion near Webster will make for more convenient facilities for all concerned with the Sumter Show, Brown emphasized.

"We're extremely happy we've received such fine cooperation from Nathan Mayo and his department in building this facility," Brown reports. "And we'd like to thank him, the Sumter commissioners and the directors of the farmers' market for their help in making it possible."

The Sumter pavilion will be ready for use during the Ninth Annual Sumter All-Florida Breeders Show November 3-6, according to T. Noble Brown of Webster, who has handled arrangements for construction of the building.

Inspecting construction on the Sumter Livestock Pavilion near Webster are J. E. Middleton, left, of the Wolfe-Konzler Construction Company of Clermont, and T. Noble Brown of Webster, chairman of the local pavilion committee.

for October, 1954
Cows Need Winter Proteins

by T. J. Gunha, Head
Department of Animal Husbandry and Nutrition
Florida Agricultural Experiment Station

Protein supplementation doesn’t cost—it pays. A very good long-time experiment over a 10 year period in California showed that for every $1.00 spent for protein supplementation for cows on dry pasture (low in protein) there resulted a $2.00 return in greater income. How else could a cattleman double his investment more wisely?

This greater return came about because the cows fed the protein supplement on dry pasture produced 50 percent more calves and the calves were 105 pounds heavier at weaning time because the cows produced more milk. This California experiment has very good application in Florida where cattlemen are running cows on low protein grass in the Fall and Winter. However, we also have data from experiments conducted in Florida which likewise show the value of protein supplementation.

Without an adequate intake of protein, cattle will grow very poorly and reproduce at a low rate which means a low calf crop as well as small, poor looking calves. Thus, one of the most important rules for a cattleman to follow is to make sure his animals get enough protein in their daily diet. If the writer had his choice, he would always prefer to first buy a protein supplement for winter feeding. Then, he would purchase hay or other carbohydrate feeds such as molasses, citrus pulp, corn, legum, oats, etc. There are still too many cattlemen in Florida who feed only a grass hay or some other low protein carbohydrate feeds during the winter. That would be all right if they also fed a protein supplement along with them. However, if they do not, they are not getting back a good return on their investment in winter feed because the cattle will utilize the low protein feed very efficiently.

Cattle will actually lose weight during the winter if fed all the low protein grass hay or pasture they can eat. After a short period on a low protein ration the cattle start losing their appetite. Then they start consuming a smaller amount of feed and what they eat is very poorly utilized because of a lack of protein.

It is difficult to recommend how much protein supplementation to give cattle since it will depend on many factors. However, in most cases it will vary from one-half to three pounds of a protein supplement (containing approximately 40 percent protein) per head daily. For the most part, the amount of protein...
supplement to feed will depend on the following factors:

1. Condition and size of the animal. A larger animal will require more protein than a smaller animal. An animal in good condition will require less protein than one in poor condition.

2. Kind and amount of feed being used. The amount, quality and protein content of the other feed the animals are getting will have considerable influence on how much extra protein supplementation will be needed.

3. Stage of growth, pregnancy and lactation. A young growing animal will have a different requirement than a more mature animal. A pregnant cow will need more protein than an open cow whereas a cow nursing a calf will need more than either of them.

The above three factors certainly indicate that it is very difficult to recommend a definite amount of protein supplement to feed which will have general application to all cattlemen. Each cattleman will have to work out for himself how much protein supplementation is needed.

For best results, he should also have his herd divided so that calves, yearling heifers, mature cows, bulls, etc. are kept in separate areas of his ranch. He should then feed the various groups of cattle according to their needs.

This means that he might be feeding two or three or more levels of protein supplement on his ranch depending on the groups of cattle involved, their condition and their feed supply.

Cattlemen who have good pastures and keep their cattle in good condition will need to feed less protein than cattlemen who have poor or less pasture and whose cattle are in poor condition.

Thus, cattlemen need to study their own situation to determine how much protein they should feed. Moreover, when they decide on a level, they may want to revise it up or down depending on how their cattle respond to the feeding program. If the cattle do not respond well the level can be raised whereas if the response is very good the level can probably be lowered. Protein is an expensive feed and one cannot afford to waste it because it raises the cost of operation. On the other hand, a cattleman should not feed too little just because protein is expensive. If he does it will cost him money in the long run because his cattle will produce at a low rate.

There is no way of short-changing a cow on protein and still have a cow that will produce a calf every year. A cow short of protein will tend to have a calf one year and then skip the next. She has to do this because she needs to recuperate and build body stores in order to conceive and give birth to another calf. This is nature's way of protecting her against the lack of protein.

---

**Advertise!**

**Don't Miss An Issue!**

One Year, $2.00; Two Years, $3.00; Four Years, $5.00

The Florida Cattleman

---

**NORTH, SOUTH, EAST OR WEST...**

**WINTER “CONDITIONING” PAYS**

Livestock need the rich protein and phosphorus in COTTONSEED MEAL or PELLETS for strong, healthy breeding stock and a better, heavier calf crop next spring.

**SWIFT & COMPANY (Oil Mill)**

Box 778, Phones: Hemlock 5-4501, L. D. 51, L. D. 20

**ALBANY, GEORGIA**

---

**PROTECT YOUR LIVESTOCK with ADAMS**

SAVE WATER

You save precious water when you use precision made ADAMS PUMP LEATHERS. Exclusive waterproofing, uniform quality and thickness prevent leakage and waste and insure long-lasting service. For deep wells and heavy service. All sizes. At your HARDWARE DEALER'S or all Wholesaler Jabbers.

**C. F. ADAMS, Inc.**

620 So. Lake St.

Ft. Worth, Texas

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**FARNAM**

Tractor Sprayer

COMPLETE KITS "Ready-To-Use"—Equipped with NYRO "Nylon-Roller" Pump, the tractor pump proved best for both performance and wear. Complete with all controls, gauges, hose and connections. The lowest answer to your need for a high pressure sprayer for livestock and other uses.

WRITE For Catalog showing variety of Trak-Tor Sprayers. Also "Wide-Jet" Sprayers All at new low prices! Also "30-Day Trial Plans." Write—

Farnam Co., Dept TS-17, Omaha, Nebr.
More Farmland Added By Flood Control Project

According to figures released recently by the Jacksonville District Corps of Engineers, agricultural development in the muckland area south of Lake Okeechobee has increased almost 80 percent since the inception of the Central and Southern Florida Flood Control Project in 1947. The land in production in 1947 totalled 170,000 acres while it is estimated that 309,000 acres are now in production. The latter figure was derived by agricultural economists of the Corps of Engineers, using data obtained from field reconnaissance, the Central and Florida Florida Flood Control District, county agents and farmers.

"The prospect of water control and flood control resulting from initiation of the flood control was expected to bring about an increase in the rate of development of the area," said Colonel H. H. Schull, Jr., district engineer in charge of construction of the project. "However, the rate of increase has been greater than was expected."

Creosote Best For Fence Posts

The University of Missouri recently reported on a fence post treating experiment which has extended over the past seven years and in which 14 different types of treatment were evaluated. The most successful, according to the report, were (1) creosote used by the hot and cold bath method, and (2) zinc chloride applied either by soaking or with a section of tire tube strapped around one end of an inclined post so the chemical could flow through the wood by gravity. Particularly in the case of a certain type of hardwood, the zinc chloride treatment was more effective than any other preservative application and all treated posts lasted more than 10 years.

One popular belief, it is reported, was exploded when the experiment showed no apparent relationship between durability of the post and number of annual rings in the outside inch of the tree, or total number of growth rings.

FLORIDA CALVES GROW FASTER WITH
TUXEDO CREEP PELLETS
Even when the range is plentiful, grass alone isn't enough for growing calves.

In the fall and winter months, it's doubly necessary to supplement the range with Tuxedo Creep Pellets, the top quality Calf Feed especially designed for Florida ranch style self-feeding!

Because Tuxedo Creep Pellets are highly digestible, start your calves on them early—when the calves are only a week or 10 days old; and feed approximately 1 lb. per day for each hundred lbs. of body weight.

Low in fiber, and generously reinforced with Vitamins A and D2, Tuxedo Creep Pellets will keep your calves' growth at maximum development.

The Early & Daniel Co.
TAMPA • JACKSONVILLE

ALL TYPES OF
LAND CLEARING
BULLDOZING
DONE
EFFICIENTLY—ECONOMICALLY
ANYWHERE
IN FLORIDA
Earthmoving Draglines • Ditching
Free Estimates
SMITH & SMITH
Phone 5-1154 or 5-1691, P. O. Box 6695
ORLANDO, FLORIDA

ARE YOU SATISFIED WITH
5 CENT CALVES?
or do you want
15 CENT CALVES
It's Up to YOU!
FALL CALVES ARE DROPPING. For best results, creep feed from birth.
All-steel, riveted and welded, creep-feeders: 6 foot $185, 8 foot $205, plus sales tax.
ALSO RECONDITIONED MOLASSES TANKS. 550 to 4000 gallons. Priced to sell.
Contact your nearest feed dealer or
KAUFMAN TANK & Sheet Metal Co.
Box 766, Manatee Station: Phone 2-6585
BRADENTON, FLORIDA

FARNAM Silver Streak
POWER SPRAYER
WORLD'S
Lowest Cost
HIGH-PRESSURE
SPRAYER

UP TO
250 LBS.
PRESSURE!

VOLUME
2 GALS.
Per Minute!

Farnam Co., Dept. SS-17, Omaha, Nebr.

WE ARE INTERESTED IN
Your Livestock
PROBLEMS
** Whether Improvement of Your HERD or Pasture?**

The Florida Cattlemen
Demand Is Strong at Lake City

The first annual Columbia County Cattle Producers Sale was held at the Columbia County Livestock Market in Lake City on Tuesday, August 24 with 364 head of feeder, stocker and slaughter cattle selling for a gross of $16,000 and an average of $11.00 per hundredweight, according to Van Giebeig, who is manager of the market and also served as auctioneer.

The sale was sponsored by the Columbia Cattlemen’s Association with Bob Harkness of Lake City as president and Neal Dukes of the same city as secretary. It is reported that plans are being made to hold a similar sale again next year in August.

Top animal in the sale was a 755-pound Hereford consigned by E. D. Thomas, Jr., of Lake City that went to Swift and Company at $17.25 to gross Thomas $130.24.

Second highest priced animal was another Hereford that weighed 470 pounds and was consigned by Giebeig and purchased by Lake City Packing Company for $16.50 to gross the seller $77.50.

Top buyer of the sale was Joe Ferguson of Lake City who purchased 97 head for a total expenditure of $1561.55, while A. Duda and Sons Ranch of Cocoa purchased 31 head for $1424.24 and Harry Friedlander of Lake Wales spent $1637.86 for 50 head.

It was estimated that about 52 percent of the total number of animals sold were steers, 38 percent were heifers, and 10 percent of the offering was composed of calves.

Average weight of the steers was 498 pounds, heifers averaged 434 pounds and the calves sold averaged 285 pounds.

The sale saw slaughter steers average $11.34 per hundredweight, slaughter heifers $10.85, slaughter calves $12.24, stocker steers $10.55, stocker heifers $9.98, and stocker calves $14.25 per hundredweight.

Dairy Closed In Polk County

Preliminary steps towards discontinuing the county dairy were taken recently by the Polk County board of commissioners. Details of disposing of the county’s purebred Jersey herd, and of closing down the dairy located in Bartow are being worked out by the commissioners and other county officials.

No target date has yet been set for final closing, it is reported. The dairy was begun for the purpose of improving herds throughout the county.

for October, 1954
To raise the
BEST BEEF
in the most economical
way . . .

POLLED HEREFORDS
ARE THE ANSWER!

- Breeding better Polled Herefords is our business. We invite you to stop by and inspect our herd at anytime. A few animals for sale now.

Crescent City, Florida

Registered Polled Herefords
MALLOY HEREFORD RANCH
Dallas Malloy, Owner
MARIANNA, FLORIDA
Box 490 Phone 104, 2081R

Spring Hammock HEREFORDS
F. M. PEMBLE
Phone 272, Leesburg, Florida
Headquarters 2 miles E. on U.S. 441

REGISTERED POLLED AND HORNED HEREFORDS
MELTON HEREFORD RANCH
P. O. Box 124
Gainesville Florida

CIRCLE LP RANCH
(Loncala Phosphate Co.)
SAM KELLY, President
One of the South’s best herds of purebred HEREFORDS
Clark, Florida
4 miles south of High Springs on U. S. 41

Home of FINE Registered Herefords
FINLEY FARMS
Ranch located 7 miles West of Ocala on Fla. 500. Office at Lakeland. Carey Robbins, Ranch Mgr., Phone Marion 28881, Ocala P. O. Box 1119
Lakeland, Florida

A. L. Mechling Barge Lines showed off one of the new Gulf barges which will carry grain from the Midwest to Tampa at a special open house co-sponsored by Grain Processing Company of Tampa, owners of a Tampa grain elevator. Shown aboard the new barge are, left to right, Gage Kent (president of Grain Processing), A. L. Mechling, Ralph Summer (manager of Grain Processing), and J. O. Pearce, Jr., of Okeechobee, chairman of FCA’s committee which has assisted Mechling in application for permits to broaden service.

New Barges Go in Service To Bring Florida Grain

A 500 percent increase in tonnage of feed and fertilizer materials reaching Tampa by barge from the midwest should result from the fleet of 14 sea-going barges now being put into service by A. L. Mechling Barge Lines, Inc.

That prediction was made during the open house held at the Grain Processing Company dock in Tampa recently as the first of a group of 12 new barges arrived with its cargo of grain.

The move is of particular importance to Florida cattlemen since 75 percent of the tonnage hauled will be grain, reducing substantially the freight rates from the midwest to Florida. And while Mechling’s permit now allows only bulk handling of feed, the Interstate Commerce Commission has been asked by Mechling and Florida groups (including FCA) to allow hauling of bagged feed ingredients in the future.

Gage Kent of Muscatine, Iowa, president of Grain Processing, praised the Mechling interests for making the new equipment available.

“Mechling has spent several million dollars making this service possible,” he noted. “In doing so they are contributing materially to the progress of Florida.”

In addition to feed, the Mechling barges will haul organic fertilizers for use by Florida fertilizer manufacturers.

Considerable savings in the cost of making barge shipments from the midwest to Florida should result from the new fleet of barges now going into service, according to Kent.

Primary reason for this will be the elimination of trans-shipment in New Orleans from river barges to ocean barges. The new barges will be large enough for the Gulf, yet small enough to negotiate the channels of the Mississippi and its tributaries.

The new service is outlined in an illustrated pamphlet recently published by Mechling which includes the following information:

“In 1953, Mechling barges moved 2,126,960 tons of cargo while traveling 1,029,604,383 ton miles. In supplying service to the vast inland waterways systems and the U. S. Gulf ports, Mechling transports oil, coal, sulphur, soda ash, grain and grain products, fertilizer and phosphates for its many customers.

“For two years Mechling has tested this through service (direct shipment without transfer) from the Illinois and Mississippi River ports to and from Tampa to determine if it was feasible and what equipment was best suited for the work. The results of the test were excellent, and the service is being expanded for general use.

The Florida Cattleman
65 Bulls Will Sell At Webster

Hereford Association announces annual purebred bull sale

An offering of 65 first-class bulls will feature the Florida Hereford Association's annual auction at Webster November 4, according to W. F. Snead of Santa Fe River Ranch at Alachua, president of the group.

"All the bulls will be service-age—17 months old or older—and a number will be over three years old," Snead announced recently.

Several herd bull prospects for registered herds have also been consigned," he added.

The sale has annually brought good, rugged, well-grown bulls to Florida commercial cattlemen—and most of them have been Florida-bred, and acclimated to Florida conditions, he pointed out.

Sale is held each year on "Hereford Day" at the Sumter All-Florida Breeders' show at Webster, which will be housed this year for the first time in the new Sumter Livestock Pavilion, three miles north of Webster and half a mile south of Beville's Corner.

Sale bulls can be inspected before the sale at the ranches of the consignors, or at the Sumter pavilion on November 3 and 4.

Consignors include: T. Noble Brown (Florida Hereford Ranch), Webster; A. E. Cayson and Son, Blountstown; F. A. Cockrill (Cock o' Walk Ranch), McIntosh; University of Florida, Gainesville; DeLand FFA Chapter; E. D. Gregory, Dinsmore; Lovette Jackson (Jackson Hereford Farm), Gainesville; L. T. Langford (Double L Ranch), Plant City; Emerald Acres Farm, Orlando; A. E. Melton (Melton Hereford Ranch), Gainesville; Midyette Hereford Farm, Tallahassee; Paul F. Randolph and Son, Clearwater; Rawson Brothers, East Palatka; S. and L. Ranch, Crescent City; Santa Fe River Ranch, Alachua; W. J. Newman (WJ Ranch), Holopaw; VelVa Haven Farms, DelRay Beach.

The American Hereford Association reports the sale of 11 cows in Florida.

Glenn D. Olmstead, Dade City, bought six cows from C. C. Langford of Zolfo Springs.

Five cows were bought by N. K. Schulz, Winter Haven, from Ben Arnold, Columbia, South Carolina, according to the report.

For catalogue or other information, write
W. F. Snead, President,

FLORIDA HEREFORD ASS'N
ALACHUA, FLORIDA
Palm Beach Cattleman Is Striving to Develop Herd Of 100 Purebred Herefords

A herd of 100 purebred Hereford brood cows is the aim of Robert H. Hoskins, operator of the St. Helena Ranch located half a mile west of the Military Trail and a mile south of Boynton Road near Delray Beach.

“We want to build up a herd of purebred Herefords—bred, raised and acclimated to our conditions here in this section of the state,” Hoskins says. “This area to me, has great possibilities for a purebred operation. There is a wonderful market in Central and South America for cattle acclimated to our Florida climate.”

At the present, Hoskins is running about 350 head of cattle on his ranch of some 605 acres, nearly all of which is improved and in Pensacola and Argentine Bahia, as well as Pangola grasses, and some Louisiana White clover.

His prospective herd sire is a young calf sired by HF Larry Domino 21th, which he obtained from Hillcrest Farm at Chester, West Virginia. The young bull was bought “in dam” and born on the ranch and Hoskins says he will probably enter him in some of the upcoming shows of the next season or two.

In addition to another Larry Domino bull which Hoskins owns, VH Larry Domino 33d, brood cows of Colorado Domino breeding are to be found here. County Agent M. U. Mounts said: “You have about as good breeding as you will find in the United States, and you also have gotten some good grade cattle . . . with good bulls they will develop.”

The remainder of his cattle are either purebreds of other breeds or grade Herefords. “We have about every kind of cattle out here crossed with Herefords—50 or 60 head of such breeding.

“I’m certainly satisfied with Herefords in Florida. For a long time it was commonly thought that they could not be raised down here in our climate, but I think that in another few years we will have predominantly cattle of Hereford breeding in Florida. However, we still have a long way to go in regards to the general quality of our commercial and purebred cattle down here.”

Paul Thompson, well-known cattle feeder and president of Thompson Farms of Florida, Incorporated, bought some of his cattle not too long ago for one of his feedlots.

In some of Hoskins’ experiments with Santa Gertrudis he breeds the heifer offsprings to Hereford bulls. When Mounts pointed out two good heifers in the distance, the owner replied, “they are a cross of Santa Gertrudis and Herefords. We are trying to breed the kind of animal we can fatten on pasture and, if we want, finish off on corn.”

Hoskins came to Florida in 1940 from Louisville, Kentucky. His grandfather had several farms totaling some 30,000 acres. “I used to spend all my summers down on his farm,” he said.

Hereford bulls like the one shown above are doing much towards the production of higher quality beef for Florida’s cattle industry.
Selling
The World's Greatest Hereford Bloodlines
IN THE FLORIDA HEREFORD ASSOCIATION SALE AT

Webster
Nov. 4th

15
Big, Rugged, Well Bred, Long Age Bulls
Sons of HC Larry Domino 24th
and Other Popular VelVa Haven Sires!

The Same Breeding
that made VelVa Haven rank 15th and 17th in the nation in Register of Value!
15th and 17th among 865 sales held during 1953-54!

VelVa Haven Farms
THOMASVILLE, GA. DELRAY BEACH, FLA. PROSPECT, KY.

V. V. Cooke, Owner • Walker M. Noe, Manager
**Steer Feeding by Dr. C. C. Carlton Produces High Profits** and will be continued

by C. G. Carlton, D.V.M.

ON MARCH 2, 1954, 98 selected two-year-old one-half Brahman steers purchased on the Arcadia Market were placed on my Caloosahatchee river pasture for fattening. The steers had access to 98 acres of well fertilized improved pasture and 59 acres of native pasture from which they obtained all the roughage eaten in the 100-day feeding period.

The feeding plan used was outlined by Dr. W. G. Kirk, Range Cattle Station, Okeechobee. The steers had free-access to citrus molasses to which had been added 60 pounds of urea per ton. The dry feed consisted of five parts dried citrus pulp and one part 41 percent cottonseed meal. It was fed at the rate of three pounds daily per steer at the beginning of the feeding period and quickly increased until they were given eight pounds daily of the mixture. The steers were fed at 4 o'clock each afternoon throughout the 100-day feeding period. The gains and daily ration are summarized in Table 1.

The 98 steers made an average gain of 2.40 pounds and obtained an average of 8.26 pounds daily of total digestible nutrients.

### Table 3. Financial Statement

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial value of steers, 54,563 lbs</td>
<td>$10,27</td>
</tr>
<tr>
<td>Labor, feeding</td>
<td>75.00</td>
</tr>
<tr>
<td>Interest on money invested in steers @ 5%</td>
<td>70.06</td>
</tr>
<tr>
<td>Spraying, feed bunks, weighing etc.</td>
<td>250.00</td>
</tr>
<tr>
<td>Feed:</td>
<td></td>
</tr>
<tr>
<td>15,400 pounds cottonseed meal @ $90.00 per ton</td>
<td>1,350.00</td>
</tr>
<tr>
<td>76,000 pounds citrus pulp @ $33.00 per ton</td>
<td>2,504.00</td>
</tr>
<tr>
<td>34,960 pounds molasses-urea @ $29.00 per ton</td>
<td>1,010.80</td>
</tr>
<tr>
<td>9800 cattle days on pasture @ 3/4</td>
<td>490.00</td>
</tr>
<tr>
<td>Total Costs</td>
<td>$8,882.90</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sale 98 steers, 75,708 lbs @ $16.60 per 100 lbs</td>
<td>$1,256.53</td>
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<tr>
<td>Sale of feed sacks</td>
<td>105.00</td>
</tr>
<tr>
<td>Total grass returns</td>
<td>$1,362.53</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total profit</td>
<td>$3,779.93</td>
</tr>
<tr>
<td>Profit per steer</td>
<td>$38.57</td>
</tr>
</tbody>
</table>

*This aerial photograph depicts the use of contour ditching to solve a serious draining problem. The land, owned by Irvin Locklar of Bowling Green, had been cleared and planted to Pangola but had a steep slope when compared to the adjacent land with as much as three to five foot drop in each 200 foot distance and a 20-foot drop overall, resulting in serious gully erosion. Locklar requested assistance from the Hardee Soil Conservation District and SCS men laid out the system of contour ditches that are designed for adequate surface drainage at a slower rate which completely eliminates erosion on this tract of land. (Photo courtesy Kelly Lyons).*
Parasites Costly, Georgia Scientists Find

It is reported that 271 cases of parasitism in cattle, brought to the attention of the School of Veterinary Medicine at Athens, Georgia, in 1957, ran up an average loss in weight, livestock, and veterinary bills of $28.47 per head, according to a recent report from that institution.

Figured in this average was the death of 20 of these parasitized animals. The cost of treating the cases that recovered was only $4.09 per animal. These figures might seem to point up the economic importance of new feeding practices in which daily low-level dosages of phenothiazine, combined with periodic drenches with the same drug, are found to protect herds from such costly parasitism.

For Sale at Ranch...

40 HEAD REGISTERED HEREFORD COWS

... mostly with calf at side and rebred. Priced very reasonable with several outstanding cows in the group.

Write for appointment or come see them anytime.

FIRST REMINDER:

OUR 2ND ANNUAL PRODUCTION SALE, JAN. 7, 1955

Featuring 30 heifers and 40 bulls. Heifers will be bred to top bulls, our $20,400 CMR Mischief Domino 96th and CMR Super Rollo 12th. Make your plans now to attend this sale!

Santa Fe RIVER RANCH

Polled Herefords—More Beef $ Per Head

W. F. Snead, Manager

Mr. and Mrs. A. D. Davis, Owners

Ed Calendine, Show Herd

J. W. Clark, Breeding Herd

ALACHUA, FLORIDA

Table 1. Gains and Daily Ration

| Starting date | March 2, 1954 |
| Av. Initial Weight | 537 pounds |
| Av. Final Weight | 797 pounds |
| Av. gain | 240 pounds |
| Av. daily gain | 2.40 pounds |

<table>
<thead>
<tr>
<th>Cattle Grades, Market Value and Cost of Gains</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average steer grades</td>
</tr>
<tr>
<td>Initial</td>
</tr>
<tr>
<td>Av. initial cost per 100 pounds</td>
</tr>
<tr>
<td>Av. selling value per 100 lbs. after deducting three percent shrink</td>
</tr>
<tr>
<td>Feed cost per 100 lbs. gain</td>
</tr>
<tr>
<td>Total cost per 100 lbs. gain</td>
</tr>
</tbody>
</table>

Table 2. Cattle Grades, Market Value and Cost of Gains

| Category | Average steer grades |
|-----------------------------------------------|
| Initial | Final |
| Av. initial cost per 100 pounds | $10.27 |
| Av. selling value per 100 lbs. after deducting three percent shrink | $16.60 |
| Feed cost per 100 lbs. gain | $15.94 |
| Total cost per 100 lbs. gain | $15.94 |

Table 3. Financial Statement

| Category | Average steer grades |
|-----------------------------------------------|
| Initial | Final |
| Av. initial cost per 100 pounds | $10.27 |
| Av. selling value per 100 lbs. after deducting three percent shrink | $16.60 |
| Feed cost per 100 lbs. gain | $15.94 |
| Total cost per 100 lbs. gain | $15.94 |

HILL TOP RANCH

HEREFORDS for sale

Now offering 10 good 7-month-old bulls

EDGAR AUSTIN (owner)

Plant City, Florida

HEREFORDS

The bloodlines of champions

CONNELL STOCK FARM

INVERNESS

HILLSIDE RANCH

Registered Herefords

J. A. MILES & SON

Phones: Office 325, Home 282

PLANT CITY, FLORIDA

Registered Herefords

C. CECIL LANGFORD

FOR GOOD REGISTERED HEREFORD CATTLE

Visitors Always Welcome!

ZOLFO SPRINGS, FLA.

Ranch located nine miles east of Zolfo Springs

for October, 1954
CONGRESS AUTHORIZES FLOOD PLAN

The passage of the Omnibus River and Flood Control Bill by the Congress is an event of great importance to the Central and Southern Florida Flood Control Project, officials of the district believe.

This act provides: (1) authorization for the entire comprehensive plan of improvement throughout the 17-county area of the Flood Control District; (2) authorization for Congress to appropriate money to increase the rate of construction progress to $10,000,000 per fiscal years of 1956 and 1957; (3) authority for the Chief of Engineers to make modifications of the overall plan at his discretion.

In May of 1955 representatives of the Central and Southern Florida Flood Control District and the Corps of Engineers appeared before the sub-committee on Flood Control of the House Committee on Public Works and suggested that, in the opinion of both organizations, the time was ripe for authorization of the entire comprehensive project.

The entire project is estimated by the Corps of Engineers to cost $280,000,000 and to show a benefit-to-cost ratio of more than 4-to-1.

In some of the areas of the District flood damage has been quite severe in recent years, but, in the absence of any authorization by Congress, the Corps of Engineers was without authority to do any construction work in these areas. The passage of this authorizing bill by the Congress means that such restrictions have been removed and that urgently needed work can be started throughout the Flood Control District whenever plans are ready and funds are appropriated by Congress for that purpose.

Although the entire Flood Control Project has now been authorized so that needed works may be started anywhere in the District, obviously they cannot all be started at once. Every county will now want work undertaken and the FCD will be under increased pressure from all sides to get various works and structures underway. New work can be undertaken, however, only when (1) plans are ready, and (2) funds appropriated by Congress.

County Committees may be of great assistance in carrying forward their advanced planning in determining the needs and desires of their areas with special thought given to the secondary facilities that may be needed to hook into the major works of the Florida Control District.

ENGINEERS LET CONTRACTS

Contracts for a large pump station—designated S-2 under the Central and Southern Florida Flood Control Project—was awarded recently by the Jacksonville District Office of the Corps of Engineers, according to Colonel H. W. Schull, Jr., District Engineer.

Belcher Oil Company of Miami was the apparent low bidder at the bid opening held recently in the Jacksonville District Office. Belcher Oil Company's bid was $1,19,188.25. There were three other bids, ranging up to $1,700,000. The Government estimate on the cost of the structure was $993,735.00.

The pumps and machinery to be installed in the station will cost $781,102. The contract for their manufacture was awarded in May to Fairbanks, Morse & Company.

The station will be built in the Lake Okeechobee levee at the junction of the Hillsboro and North New River Canals—just south of Hurricane Gate Structure No. 4, near Belle Glade.

The station will have a pumping capacity of over 1,600,000 gallons per minute—enough to remove 3/4-inch of runoff water a day from the farm lands which drain into the northern 15 miles of the North New River Canal and the section of the Hillsboro Canal which is north of Belle Canal.

Schull stated that the contract calls for the pump station to be operationally complete and ready for use by September 1, 1956.
Short Course

(Continued from page 21)

early spring calves with the ‘early-bloom-of-spring-start!’” He cautioned them that “Feedlot operators will not pay you for your bulls, so be sure and castrate your bull calves at the right time and properly.”

Forage Production...

GENE FELTON, ranch manager of the Atlantic Land and Improvement Company operation at LaBelle, cautioned the cattlemen about wintering problems, saying “The best way to winter a cow is to have her in good shape when winter comes. To do this she must have ample roughage and protein supplies through-out the full year.”

Felton discussed his company’s operation at length, stressing soil types and forage varieties used there. He advised his audience that “stocking your pastures for wintering capacity” is a good rule of thumb to follow. He discussed livestock production in their operation from the standpoint of pastures, silage, hay, concentrates and minerals.

Grass Fattening...

THE GREATEST advantage you can have when running a grass-fattening operation is to know a fat steer when you see one, said H. D. Ryals, Ft. Ogden rancher.

Ryals, who has been fattening steers in this manner for six years, uses only one cross fence in the entire 390-acre operation. This enables him to rotate the pastures “to best advantage of the steers within seven to ten days after fertilizing.” He stressed the value of having a well-prepared sod to fully utilize the fertilizer necessary for full forage production, water control and ample shade. “Water control is essential in my operation to prevent the water from standing on the grass and killing it. Moving water seldom kills grass, and I couldn’t accomplish this without bedding my fattening pasture every 40 to 60 feet.”

Ryals keeps his pastures at full carrying capacity at all times and never lets the grass get grazed down. “No horses are allowed in my fattening pasture at any time,” explaining that they tended to excite the steers and cause them to go “off feed” for a time.

Records Valuable...

“KEEPING records of our operations is like taking medicine,” said Earl W. Hartt, Avon Park Rancher, “we don’t like it but it’s certainly good for us. It enables us to keep our operations under control and helps us to know at all times where we have been and where we are going as far as our financing is concerned.”

Hartt explained the use of the two sets of records used in his ranching operation; individual pasture records and a cattle sales analysis. “The price squeeze is on and we must keep records for index and guidance,” he cautioned his audience. Hartt told of his method of ear notching dry cows so that they might be sent to the “beef pastures” the second time they came up without a calf. He also praised the advantage of having the ranch foreman keep a diary-type record each day so that you can tell at any and all times just what your work schedule should be.

Plan for Low Prices...

F. W. PARVIN, assistant to Clayton, advised the group to plan their operations for ten cent beef and hope that the days of 25 cent beef don’t return to inflate and ruin the beef market.

“If your operation could stand three consecutive years of ten cent beef, then you could safely consider that it is wisely managed,” Parvin said. “Too many of us have come to realize that there is a lot more to ranching than romance—the present price scale makes us realize that it is and should be a sound business, and not just a way and a means of speculating.”

Financing Picture...

“We should build a monument to low cattle prices just as the people of Alabama built a monument to the boll weevil,” said J. Carlisle Rogers, president of the First National Bank of Leesburg. “The boll weevil put them out of the cotton business and into a sound agriculture, and our low cattle prices seem to be having a beneficial effect on Florida’s entire cattle industry, from the standpoint of improving the quality of our cattle, cementing public relations and bettering our management practices.”

He advised those in attendance to always get “enough money when borrowing to do the job properly, and always have a definite understanding of the retirement commitments of your debt—don’t underestimate the time you will need to repay your loans.”

Rogers predicted that Florida would one day be one of the nation’s greatest sources of breeding stock, and he advised the group to keep their good cows and heifers.

Feeder Market Good...

“The feeder market is unlimited and our cattle can be moved through the feeder and stocker market channels,” said Dr. Marvin Koger, University of Florida geneticist, who spoke on the topic of a breeding program for commercial cattlemen.

Koger says he doesn’t believe a cow-
Santa Gertrudis Book Published

A 94-page book now provides the basic information about the Santa Gertrudis breed for prospective breeders and present owners alike.

Titled "Recorded Herds", the book includes an article on the breed by Robert J. Kieberg, Jr., of King Ranch, a story on how the breed has developed by Dr. Albert O. Rhoad, information on the standard of excellence and the classification system, and the names of all recorded herds and the association's membership. An appendix includes additional information.

"Our membership, classification of cattle and number of recorded herds have all grown at such a rapid rate since the material was assembled for this volume that we will soon publish a supplement on these three fields of activity to bring the statistics up to date," writes R. C. Wells, chairman of the Santa Gertrudis Breeders' International public relations committee.

Individuals interested in the new book should write to Santa Gertrudis Breeders' International at Kingsville, Texas, for further information.

Explain Beef Campaign

FCA Secretary June Gunn of Kissimmee explained to the cattlemen the purpose of the association's present "Eat More Beef" campaign, and told of the success with which it has thus far met, and also stressed the need for more work on the local level to bring the campaign to a successful finish.

Agronomy Needs...

"We here in Florida are dependent on forage production completely and therefore we must continually be on the lookout for new varieties and types of forages for our cattle industry," said Dr. E. M. Hodges, agronomist with the Range Cattle Station at Ona.

"We need quality, quantity and in the right amounts at the right time all year," he said. "The pattern of production of our native pastures is fairly regular and this fact proves to be an advantage for many cattlemen who capitalize on native pastures. Pensacola Bahia is worth little more than our native wire grass when it too is eight to ten inches in height," he said in showing the comparative value of native and improved pastures at given stages of growth while calf operation is practical in Florida because it is a waste of feed and forage to slaughter light weight vealer calves, and also because he feels that this practice will become the exception rather than the rule because it isn't profitable. "Our operating costs in Florida have now risen to such a high that the price received for calves won't even pay for the upkeep of the cow."

He advises cattlemen to shoot for 500 pound heavy slaughter calves to be marketed right off of the cows; however, he says the market won't absorb all of this type either.

"The midwest feeders are losing their accustomed source of supply from the west due to drought conditions," he said, "and you can certainly get more for your cattle as feeders as compared to slaughter prices." Koger advised the attending cattlemen to hold their calves longer and put more weight on them before they are marketed.

The geneticist stressed the need in Florida for higher calf crops, and selection of brood cows for their mothering ability, their doing ability, feeding qualities, beef conformation, temperament and uniformity. Such efforts will bring Florida closer in its quality to other states.

Protect Yourself!

Buy SANTA GERTRUDIS cattle only from members of the
Florida Santa Gertrudis Association or
Santa Gertrudis Breeders' International

For information, write
J. Arthur Pancoast, Secretary
FLORIDA SANTA GERTRUDIS ASSOCIATION
Box 86 Uleta, Florida

Helping prepare the chow for a recent meeting of the Sarasota County Livestock Association are Charlie Downs, left, and Odell Cannon.
ONE OF THE
OKLAHOMA
SANTA
GERTRUDIS
SALE CATTLE

Oklahoma Santa Gertrudis Ass’n
First Annual Purebred Sale

THE TIME AND DATE: Thursday, October 7, 1:00 p.m.
THE PLACE: Tulsa Fair and Livestock Exposition at Tulsa
THE OCCASION: The First National Santa Gertrudis Show
THE NUMBER: 35 Top Females and 5 Future Herd Sires
THE QUALITY: Dependable—Highest Quality—Halter Broken
THE AUCTIONEER: Col. Walter S. Britten

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JOHN G. PHILLIPS, President, Phone Bartlesville 5600 (after business hours)
discussing the various varieties of both for central and southern Florida.

**Fertilizer Vital...**

J. Russell Henderson, extension service agronomist, told the group that, "The quality and quantity of our forage production in Florida depends on the use of fertilizers.

"All grasses have high nitrogen requirements to fulfill their protein potentialities, and much of our soils here in the state are mineral soils which need a great deal of nitrogen as well as other nutrients." The agronomist discussed at length fertilization recommendations which were developed at a series of conferences last winter in which industry, experiment station and extension workers participated.

**Bronson Gives Tips...**

"You as ranchers must face and work out your own individual problems," was the advice of Irlo Bronson, state senator and rancher of Kissimmee who is a past president of FCA.

Bronson related how cattlemen had literally "banked" their cattle as stockers during high prices, when actually "60 to 75 percent of them should have been slaughtered since they weren't fit to go in anybody's herd. We'll just have to bear with the present high costs of production and in the meantime do all we can to produce better grades of beef and then sell the public on the idea of consuming it."

In order to better accomplish these goals Bronson advised: turning more of our lands into real beef producing pastures; raising better cattle with more fertilizer and proper management; plan pastures so they can be properly rotated; work out program for year-round selling of our cattle and get away from the practice of flooding the market at certain times of the year.

"If you don't properly rotate your pastures you will certainly be forced to worm or sell most all of your cattle due to parasites." He also stressed the fact that most ranchers were badly overstocking their pastures.

**Grades, Not Gains...**

"Feedlot operators make money on grades and not on gains," said F. M. Peacock, assistant animal husbandman at the Range Cattle Station. "The sooner cattle are marketed once reaching a given grade the more profit will be realized."

"As soon as your steers reach the optimum grades sell, don't hold all of them so a few of them might make the upper bracket of that grade; that costs money." He then explained the place and value of citrus by-product feeds in fattening rations, and also gave a few rations used in experiments at Ona with good results.
Don't Waste Feed...

D. W. Beardsley, assistant animal husbandman at the Everglades Experiment Station, Belle Glade, talked on the subject of fattening cattle on pasture, and cautioned the group that, "It doesn't pay to feed animals of poor quality any concentrates."

He told them that five to six pounds of concentrate supplement per day is generally the economical level to feed when fattening steers in an operation if their pastures weren't improved to the extent of carrying one head per acre per day average (an average of two head during the summer and one-half head per acre during the winter). Beardsley also gave his audience a practical program for purchasing, managing and fattening a group of steers under typical Florida conditions.

Year Around Forage...

D. W. Jones, assistant soil technologist at the Ona station, advised the group to work out a program whereby they could have grazing the year-round. "If necessary, this could be done by supplemental feeding, reducing the number of cattle per pasture, or by getting new lands into forage production, and with the use of fertilizer where necessary."

He pointed out that moisture is one of the state's greatest assets and that it's low soil fertility is one of its greatest handicaps.

"Utilization of our native pastures to tie in with our improved pastures is one of the soundest practices that commercial cattlemen throughout Florida can follow. The technologist also pointed out how the Range Cattle Station had been able to get grazing the full year by the use of native pastures, improved grasses and legumes by fertilization on a cow-calf operation.

Importance of Nutrition

Citing the state's low level calf crop as its number one cattle problem, Dr. James F. Henges, Jr., assistant animal husbandman at the main agricultural experiment station at Gainesville, said that, "In almost every instance its a case of multiple mineral shortages, due mainly to forage shortages, which cause a cow not to settle or be settled or often to abort."

"The inherent fertility of native Florida cattle is low and the incidence of venereal diseases in our cattle is high. One way of improving our calf crops is to use disease free bulls on breeding stock selected for their inherent fertility, and also by reducing the number of cattle each bull has to service."

Henges pointed out to his audience that it takes 100 times more food nutrients during peak lactation of a cow as...
compared to the whole gestation period. He also advised the cattlemen to buy high protein analysis feeds if it's proteins alone they desire.

### Silage Discussed...

"It is estimated that there has been more silage put up in Florida this summer than during the previous 20 years," said James E. Pace, assistant animal industrialist with the extension service. "Silage is not new to Florida, but was abandoned as being impractical due to the lack of equipment and necessary cash outlay."

He said that estimated costs of production in the state now ranged from a low of $2.50 to $7.00 per ton, and the highest figure came from an individual who was writing off all his equipment in a hurry and who also had an expensive silo, he explained.

"The cost of silage-making equipment is a disadvantage, but there are now custom ensilers in the business with their own equipment," Pace said. He advised them to make their silage throughout the year and also pointed out that early cut silage is superior to late cut hay.

### Explains Board's Duties

The workings and responsibilities of the State Livestock Board was explained by its chairman, J. B. Starkey of Largo, who briefly told of the board's membership, functions and duties.

### External Parasites...

The control of external parasites was the topic discussed by James E. Brogdon, extension service entomologist of Gainesville, who told the crowd that, "for each one dollar you spend on pest control you could be returned up to nine dollars."

He also told them that there are 65 different species of horse or deer flies in the state, explaining the types of economic damage done by the major ones. He said that BHC or lindane plus DDT; toxaphene, or BHC or lindane with toxaphene all made good sprays for most Florida pests.

### Internal Parasites...

Dr. W. R. Dennis, parasitologist with the Gainesville experiment station, discussed means and methods of controlling liver flukes and lung worms.

He told his audience that liver flukes require an intermediary host such as wild ducks to complete their life cycle and that the eggs must be hatched in water. After hatching they must find a right handed snail, where they remain for seven weeks before they attach themselves to blades of grass where they are eaten by cattle.

Dennis advised the cattlemen that eight pounds of copper sulfate in 100 gallons of water sprayed in area where the snails stay will soon rid the area of snails. Shallow ditches, slightly-sloping banks and cow tracks are favorite places for snails, he said. The use of V-type ditches would eliminate one of these hazards, he pointed out.

"A practical way to control liver flukes and lung worms is to control moisture, rotate pastures and remove visibly affected animals from the herd," he advised.

### Market Reporting...

"Florida's livestock news reports give us wide or wider coverage than any state in the country," said Gifford Rhodes, of the Florida State Marketing Bureau, Jacksonville.

He pointed out that the information given out by his office was derived from reports from 16 of the state's markets. Rhodes also said, "The use of the USDA's official grading system has expanded more rapidly in the southeastern part of the country than anywhere else in the nation."

### Marketing in Florida...

"During the past 20 years, the number of cattle on Florida farms has more than doubled, and the live weight of beef animals has increased almost five-fold," said W. K. McPherson, economist with the Gainesville experiment station. "These increases have stimulated many changes in the structure of Florida's cattle marketing system."

"Our Florida auctions provide the only organized markets for cattle and calves," he said. Pointing out that the number and price paid for cattle sold in private transactions is never disclosed to the public, he stressed the importance of evaluating the accuracy and usefulness of auction price quotations for different classes and grades of animals separately.

McPherson cautioned the cattlemen to, "sell your cattle in the market in which buyers are paying the highest price. Different classes and grades of animals are often profitably marketed in different ways."

### By-Product Competition

"Many cattlemen with cow-calf operations are competing directly with the natural by-product of the nation's dairy industry," said P. E. Williams, Davenport rancher and former FCA president.

He explained some of the basic policies employed in his own operation and said that good feeder-type animals can be produced by the third cross with good bulls of English origin, and by rigidly selecting and culling brood cows.

Williams also advised the crowd in attendance to put some of their "earnings back into their operations just as other businessmen do." He stated that most of his calves sold as good or choice feeders.

### Retail Beef Marketing...

Frank Nash, in charge of meat merchandising for the Winn-Lovett grocery chain, Jacksonville, said that, "The beef business starts and ends with the housewife and her tastes and budget."

"Quality is a must for repeat retail beef sales. In the now-popular self-service type stores it is essential that beef constantly be of good quality and always have eye appeal," he said.

Dates for the 1955 Suwannee River Fair at Fanning Springs have been set as January 19-21, with a show and sale of fat steers to be included.
Post Your Property Adequately

Protect Your Livestock . . .
Place Your Order Now . . .
Be Ready for the Season

Posted Signs should be readily visible, should be erected at all gates or other entrances to the property, and should be erected at intervals of not more than 500 feet around the property. The word "Posted" should be at least two inches high.

Cattleman Press posters are produced on the widely-used Waterproof Signboard introduced by us four years ago. They are inexpensive, may be made up with special copy to your order if desired. All prices include 3% Florida Sales Tax.

Individualized Posted Signs

As illustrated, with your own ranch name imprinted, size approximately 9-1/4"x11". In ordering be sure to give exactly copy for imprint.

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FCA Reward Signs

The Florida State Cattlemen's Association reward posters are official notices that the property concerned is covered by the FSCA reward fund, and are sold only to card-holding members of the association. In ordering be sure to give your name as it appears on the membership card. Quantities up to 50 at 35¢ each, Minimum order $5.00. Size, approximately 11"x14".

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Custom-Made Signs

Some county associations prefer to make up their own reward offers, and individual ranch name may be inserted if desired, or complete new designs can be made to order. When groups pool their order, separate shipments will be made without penalty, and quantity price applies. When individual ranch name is changed, add $1.75 for each change during pressrun.

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The Cattleman Press

BOX 891
KISSIMMEE, FLORIDA
for October, 1954
The breeding system designed and used by the King Ranch in developing the SANTA GERTRUDIS breed is unique in beef cattle breed history. Briefly it is selecting and mating the best type bulls with the best type cows with little or no consideration given to pedigree, that is, whether born in single-sire or multiple-sire herds. Researches at the universities and experiment stations have recently shown that, where heritability is high and where production is expressed in both sexes, as in meat animals, this system to be the most effective breeding plan to follow. The rapid genetic development of the SANTA GERTRUDIS breed is due in large part to the effective execution of this plan and to the skill employed in selecting the best producing type for breeding purposes.
Selling at Public Auction

25 KING RANCH QUARTER HORSES
(Colts and Fillies)

25 SANTA GERTRUDIS BULLS

NOVEMBER 10, 1954

Sale at the King Ranch Race Track • Horse Sale: 10 A.M. • Bull Sale: 2 P.M.

Write for Catalog

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KING RANCH QUARTER HORSES HAVE WON MORE PRIZES THAN ANY OTHER LINE OF QUARTER HORSES.

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2.50 Polled Hereford
2.00 Gulf Coast Cattleman
2.00 Hog Breeder
2.00 Western Livestock Reporter, w.
1.00 Missouri Livestock Journal (monthly)
1.00 Chester White (hog) World
1.00 Sheep Breeder
1.00 American Angora Rabbit Mag'zine
1.00 The Rabbit Raiser, m.
1.00 California Rabbit
1.00 American Angora Rabbit Magazine
1.00 American Rabbit Journal

POULTRY
1.00 Cackle & Crow (poultry paper)

HORSES
2.00 Breeder Stockman, m.
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MAGAZINE MART
Dept. FC, Plant City, Florida

After installation of steel wheels, each weighing five tons, the Cat DW20 has a greater crushing effect on the rocky soil making up 60,000-acre Dawai Farms near Homestead.

Steel Wheels Crush Rocks On Dade County Farm

At first glance progress appears to be reversing itself on the sprawling 60,000 acres comprising the huge Dawai Farms near Princeton. The rubber tire isn't replacing the iron wheel. The iron wheel is replacing the rubber tire, according to a Caterpillar news release.

Does this mean that the Dawai is rebelling against progress? Far from it. This southern Florida farm is noted for its up-to-date farm machinery and its modern methods of tillage.

But Dawai has a rather difficult tilling problem. Much of its land is composed chiefly of underlying limestone with only a couple inches of mixture of silt, mulch and sand covering it. To make this land tillable, the limelock must first be broken up.

The biggest problem of getting this land into cultivation is to break the limestone into small enough pieces to allow crop root penetration and to give the soil moisture-holding ability. Several methods have been devised to do this, but the standard practice is to scaylor solid coral rock to a depth of about 12 inches with a rock plow pushed by a track-type tractor of the D8 size. Six passes with a rock plow usually break up the land sufficiently to allow cultivation.

This method has its drawbacks, however. It frequently leaves large chunks of rock that wreak havoc with cultivators and harrows. Even at its best, the rock is far from pulverized. Also, it takes about two years of these practices before the acreage can become economically productive.

Dawai Farms figured this lapse of time was more than was necessary and looked about for a better method of breaking up the rock. Barney Walden, president and general manager of Dawai, took a close look about him and noted that the best acreage was some land his father had broken up 30 years previously, using a heavy, steel-wheeled, steam tractor.

If such a tractor had worked so well at accidentally pulverizing the rock for his father, reasoned Waldin, why couldn't he adopt the same measures today? He thought about using a conventional roller but then decided it was out of the question. The scarified rock could not be rolled flat and left compressed or it would set up like concrete.

Another wheeled tractor might be the thing, decided Waldin. One that would be large enough and heavy enough to crush the rock. So he took a good look over the available models and picked the Cat DW20 as the tractor that would serve his needs the best.

First off, a set of steel wheels had to be fabricated to replace the rear rubber tires on the new tractor to give greater crushing effect. Dawai Farms did most of the fabrication themselves, and came up with a pair of wheels that weighed about five tons each and consisted of a two and one-fourthinch steel rim welded to three steel discs, each cut from two-inch material.

Each wheel was fitted with lugs two inches deep and 15 inches long, running diagonally from the center to the edge of the rim. Hub assemblies from the rubber tired wheels were used to complete the steel wheel, which have the same diameter measurement as did the tires. Counterweights were added to bring the total weight of the tractor to 60,000 pounds.

This unit worked very successfully in crushing the rock—so much so, in fact, that the Dawai Farms soon purchased another DW20. On this tractor, a new (Continued on page 56)
Keene Shows S. Gertrudis Herd

A goodly crowd attended a barbecue and ranch tour held at R. D. Keene's K-6 Ranch on Friday, August 20, with Keene serving as host for the event.

The generous barbecue was first on the agenda after which Keene’s guests toured the large ranch and inspected the improved pastures, the Santa Gertrudis herd, and commercial herds.

“Santa Gertrudis cattle are the best beef cattle that I’ve ever seen,” Keene said. “They’re the top breed in the country and I feel that we have one of the outstanding herds of Santa Gertrudis in the country.”

Keene pointed out that his cattle have been selected from some of the outstanding foundation herds in the nation, coming from such breeders as Richard King, John Martin, Texas and J. T. Maltzberger of Cotulla, Texas.

The ranch is located in the northeast corner of Osceola County and is bounded on the east by the St. Johns River and on the north by the Orange County boundary line.

The operation was begun seven years ago and now includes considerable acreage of improved pasture with the majority of it being Pangola, although Keene has some Topedo, Pensacola Bahia and white clover.

Santa Gertrudis and Brahman bulls are used on Keene’s commercial cattle phase of his operation.

J. E. Davis, Washington County Agent, has announced Nov. 13 as the date for the West Florida Dairy Show at Chipley.

For October, 1954
Calf Crops, Low in Florida, Definitely Affected by Condition of Brood Cows

Hentges outlines effect that poor condition of brood matrons may have on calf production in Florida herds.

by J. F. Hentges, Jr.
Department of Animal Husbandry
University of Florida

The nutritional status of the breeder, among other factors, exercises control over the size of the calf crop, thereby, having real dollars and cents value.

It is difficult to determine exactly the calf crop percentage which is necessary for profitable operation because of complicating factors such as market grades, weaning weights, and pasture costs.

However, a survey of the calf crop percentages in the nation's cattle producing states will reveal the size of the calf crops which are being attained by Florida's competitors in the beef producing business.

The average calf crop percentage in the United States during 1953 was 88 percent. Many of the major beef cattle producing states were above the average as follows: Montana, 95 percent; Colorado, 90 percent; Oklahoma, 92 percent; Illinois, 94 percent; and Tennessee, 90 percent.

The average calf crop percentage in Florida during 1953 was 66 percent, the lowest in the nation. This percentage is the highest recorded in Florida, having risen slowly over the past 30 years from 45 percent.

Certain factors are known to have control over the size of the calf crop. These can be listed generally as follows:

1. Proportion of serviceable bulls to cows.
2. Control of infectious diseases (Brucellosis, Vibriosis, trichomoniasis) which affect reproduction.
3. Selection of breeding stock by culling.
4. Abnormal reproductive phenomena such as retained corpora lutea, cystic ovaries, vaginal infections killing sperm, and embryonic death.
5. Inherent fertility, and (6) plane of nutrition.

To illustrate the effect of the plane of nutrition upon the size of the calf crop, reference will be made to the results of research within the United States.

Florida Agricultural Experiment Station Bulletin 248 published in 1932 on "Range cattle management in Alachua County, Florida" contains the following paragraph: "Feed conditions under which breeding animals live exert a profound influence on their physical condition, and thereby affect reproduction. From a survey of four areas—flatwoods, prairie, hammock, and blackjack—the percentage calf crop was found to be variable. The average on flatwoods was 34.4 percent, blackjack 37.1 percent, prairie 54.1 percent, and hammock 71.6 percent. This difference can be attributed to several factors, the most striking of which was the physical condition of the adult breeding animals.

On hammock ranges, more and better feeds are available during the entire year, therefore, the breeding animals remain in better physical condition and have a higher rate of reproduction." In another part of the same bulletin, the following paragraph may be found: "When herds were found affected with 'salt sick' (now known to be a mineral deficiency), the calf crop was very small, even as low as 15 percent." These two quotations which summarize the earliest research on this subject in Florida, point to the importance of supplying enough feed year-round to maintain the breeding herd in good physical condition and of supplying proper mineral mixture.

After extensively reviewing the literature, it becomes evident that one seldom finds a clear-cut case of malnutrition due to the lack of a single factor in the feed. The cause is usually a multiple deficiency. For example, underfeeding, which is a major cause of low calf crops in Florida, is usually associated with low quality feed deficient in protein, phosphorus and perhaps certain mineral elements.

Another condition often associated with underfeeding and poor reproduction is the lowered vitality and disease resistance of the cow. Undernourished cattle often harbor internal parasites or are suffering from anemia and scours, all of which increase her need for certain nutritive factors. Because of these complicating factors, very little research evidence is available on the specific effect of nutrients upon reproduction in beef cattle.

Underfeeding is the most widespread nutritional problem in Florida and is often associated with protein and phosphorus deficiencies, especially in the fall and winter months. These deficiencies are especially costly if they affect young cattle. Some cattlemen believe the biggest factor keeping our calf crop per-
consequently, they must regain this loss gain about 100 pounds during the winter before calving while many West- erners let their cows lose weight accord- ing to the condition that they carried when they went into the winter. Weight losses of 100 pounds during the period from October to April are not uncom- mon on western ranges if the cows were in good flesh when they went into the winter, yet calf crops remain high. It should be pointed out that the Western range cows often weigh over 1100 pounds at the end of the grazing season and re- ceive protein supplementation during the winter; therefore, such weight losses might have a greater effect on the repro- duction of many Florida range cows.

The poorest feed conditions in most of Florida exist during the months of October to May. Since the calving sea- son comes during this period, it means that the cows are in need of feed when the least is available. Furthermore, the protein and phosphorus content of grass during the fall and winter months is greatly decreased. These conditions explain why Florida’s major nutritional problems are first a lack of adequate feed (energy) to properly winter gestating and lactating cows, and secondly a lack of sufficient protein and phosphorous to nourish both the cow and fetus.

An indefinite plane of nutrition exists below which cows are unable to reproduce or to give sufficient milk for a calf. California Extension Circular 115 illustrated such a situation where supplemental feed- ing of range cows during the winter when range grass was scarce resulted in a 30 percent increase in calf crop. (See table 1).

An average of seven years data (1937- 1943) on the San Joaquin Experiment Range illustrates the value of supplying adequate winter feed (cottonseed meal and barley) to range cows. (See table 2).

A recent range cow study conducted over a four year period on the Squaw Butte-Harney Range Station, Burns, Ore- gon, shows the effect of adequate winter feed on range cow production. (See table 3).

Dr. W. G. Kirk at the Range Cattle Station, Oma, Florida reported in 1951 that cows on pasture alone had a calf crop of 38 percent while similar cows on similar pastures had an 85 percent calf crop after being fed grapefruit and cotton- seed meal pellets from November to April. Each of the above studies showed that adequate winter feed was essential for large calf crops. However, none of the studies pin-pointed the specific food nutrients which affected reproduction. Few studies have been conducted to link specific food nutrients with poor repro- duction because most nutritional deficien- cies will decrease appetite and a decreased

Table 1

<table>
<thead>
<tr>
<th>Winter Feed</th>
<th>Calf Crop Percent</th>
<th>Weaning Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scant winter range</td>
<td>61</td>
<td>586</td>
</tr>
<tr>
<td>Scant winter range*</td>
<td>91</td>
<td>481</td>
</tr>
</tbody>
</table>

*plus enough barley and cottonseed meal to maintain weight

Table 2

<table>
<thead>
<tr>
<th>Feeds:</th>
<th>I</th>
<th>II</th>
<th>III</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grass hay</td>
<td>8.7 lb.</td>
<td>16.8 lb.</td>
<td>21.0 lb.</td>
</tr>
<tr>
<td>Barley</td>
<td>0.9</td>
<td>0.7</td>
<td>0.9</td>
</tr>
<tr>
<td>Cottonseed meal</td>
<td>1.2</td>
<td>1.2</td>
<td>1.2</td>
</tr>
</tbody>
</table>

Table 3

<table>
<thead>
<tr>
<th>% pregnancies</th>
<th>Supple-</th>
<th>Supple-</th>
</tr>
</thead>
<tbody>
<tr>
<td>80.6</td>
<td>77.2</td>
<td></td>
</tr>
<tr>
<td>83.5</td>
<td>67.5</td>
<td></td>
</tr>
<tr>
<td>470.0</td>
<td>417.0</td>
<td></td>
</tr>
<tr>
<td>550.0</td>
<td>282.0</td>
<td></td>
</tr>
<tr>
<td>365.0</td>
<td>365.0</td>
<td></td>
</tr>
</tbody>
</table>

The weight loss experienced during parturition may be determined from a study of the monthly weight records kept on the Experiment Station purebred beef cattle herd in Gainesville. These cows are maintained in good condition; therefore, the monthly weight records during gesta- tion reflect the weight changes caused by the developing fetus, fetal membranes, uterine fluids, and their loss at calving time. These records show that a cow loses approximately 100 pounds in the act of parturition; therefore, a cow in good condition at weaning time must gain about 100 pounds from weaning time to calving time in order to maintain her weight.

Heifers lose more weight than cows during their first gestation and lactation; consequently, they must regain this loss before they can make additional gains for normal growth and development. Lac- tation puts a far greater stress on the cow than gestation because the milk pro- duced during the first four months after calving will contain over 100 times as much food nutrients as was required dur- ing the nine months of gestation to form a 60 to 80 pound calf. Little research evidence is on hand regarding the amount of weight a cow can lose during a winter and still produce the following year.

Most Midwesterners expect their cows to gain about 100 pounds during the winter before calving while many West- erners let their cows lose weight accord- ing to the condition that they carried when they went into the winter. Weight losses of 100 pounds during the period from October to April are not uncom- mon on western ranges if the cows were in good flesh when they went into the winter, yet calf crops remain high. It should be pointed out that the Western range cows often weigh over 1100 pounds at the end of the grazing season and re- ceive protein supplementation during the winter; therefore, such weight losses might have a greater effect on the repro- duction of many Florida range cows.

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5 Star Quality
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★ Breed Characteristics
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★ Beef Conformation
★ Outstanding Bloodlines
★ Gentleness

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acres of improved pasture with two-way water control.

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BRAHMAN RANCH
20-11th Street South
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“Beefy-Type Brahmans”

appetite will affect reproduction through coincident general malnutrition. Evidence is at hand that protein, phosphorus and Vitamin A deficiencies will affect reproduction. The literature on Vitamin A deficiencies will not be reviewed since such conditions are rarely reported in Florida.

The effect of a protein deficiency in laboratory animals results in failure to come into heat, irregular heat periods, and embryonic death. Minnesota workers have maintained cattle on phosphorus deficient rations from birth with the following results. Three cows averaged only one calf every two years, they usually had one or two heat periods following calving but did not come in heat until lactation ceased, after which they returned to normal heat periods. Similar results are also reported in a Kansas study. In Florida, Dr. Ray Shirley has demonstrated an interference with phosphorus metabolism when the forage is high in molybdenum and low in copper. Such a situation might create a phosphorus deficiency and be one explanation for low calf crops on muck pastures.

What is the practical approach to raising the size of the calf crop from a nutritional standpoint?

It is much less costly to maintain a breeding herd in good health by providing adequate feed than it is to restore a herd that has been let down by malnutrition. Thus, prevention rather than cure is the keynote.

The major necessity is a reserve feed supply for the fall and winter months. Forage is the cheapest beef cattle feed; therefore, this need can be met by reserving and fertilizing grass pastures, putting up hay, preserving silage, and establishing clovers. This reserve feed will need to supply from seven to nine percent total protein for range cows and 13 percent for weaning calves or a high analysis (36-41 percent) protein supplement such as cottonseed meal will be needed to raise the protein content to these levels.

In addition, Florida Agricultural Experiment Station recommendations of providing steamed bonemeal, ground rock feeding salt, and a trace mineral mixture in a two or three compartment covered box should prevent most mineral deficiencies. If complete mineral mixtures are purchased, the phosphorus content should be noted as it is the element most deficient in winter range areas.

Muckland ranchers will have to follow Experiment Station recommendations and their individual soil analysis in determining the trace mineral mixture needed.

DURING the first six months of this year 2500 head of cattle left St. Petersburg and Miami airports bound for Latin America, according to Dr. T. H. Applewhite, USDA veterinarian.
Colombian Men Visit Kissimmee

Two Colombians, South America, cattlemen interested in the Brahman breed, visited the office of Cody Publications, Inc., in Kissimmee in the latter part of August for the expressed purpose of subscribing to our quarterly Spanish-language magazine, Revista Cebo, and also for directions as to how to get to the L. S. Harris and Henry O. Partin and Sons ranches.

Camillo Posada of Medellin and Manuel Arias of Bogota, the former just beginning in the beef cattle business with his brother and the latter in the dairy business but with a brother going in for purebred Brahmas, were the two who visited our office and instructed our circulation department to airmail each issue of Cebo to them.

Although they had time for only very rapid visits to both the ranches, they made the most of them.

When asked what they thought of what they had seen, Camilo explained, “We were very much impressed with everything we saw—the cattle, the farms, the cross-fencing of pastures and the fine barns. And we were quite surprised at the nice green grass which we saw, especially for this time of year.”

Manuel seemed to approve of these statements and added that he was, “impressed with the quality of silage which was being put for the winter months” at the Partin ranch. Only a few weeks before their visit, the Harris ranch was busy putting up large quantities of hay.

The two spoke fair English and this greatly facilitated the always-inevitable question and answer period about conditions which exist and practices followed in Latin America and Florida.

DUN WANDERIN RANCH

Ranch located seven miles west of West Palm Beach on Florida Highway 80.

Frank Doudera, Owner, Star Rt. 1, Box 105, WEST PALM BEACH, FLA.
Registered Brahman Cattle shown, in order of placing, by classes, are as follows:

- Aged bulls—Sir Peeewee (grand champion) Caperton;
- Young bulls—Emperor Manso 24th (reserve champion) EBA-Duda;
- Mansa's Santiago 2, Little; Royal Manso 7, Anchor Ranch; Junior yearling bull—2nd Sir Bumma Manso Emperor, EBA-Partin; Imperator Max 2, Caperton; Durango de Manso, Anchor Ranch; Summer yearling bull—Anchor's Robert 409, Anchor Ranch; Estrela de Manso, Anchor Ranch; Bomber Manso, Contris; Senior bull calves—Anchor's Rusty's; Anchor Ranch; Junior Bull calves—Sir Peeewee Jr., Caperton; Agored 672, Caperton; Ohio Manso, Contris; Ohio's Big Boy.

John H. Caperton's Cape Farms, at Louisville, Kentucky, took home the bull grand championship on Sir Peeewee, placing over Emperor Manso 24th, a member of the EBA string from A. Duda & Sons at Cocoa.

Two Kissimme breeders—E. S. Harris Ranch and Henry O. Partin & Sons—exhibited grand and reserve females, Miss Supinima Lawton 486, and Lady Valentino Manso, respectively.

The Florida Cattlemen
chased three bulls and eight females for a total of $4950.

Bulls sold, by consignors, with purchasers and prices paid, were as follows:

L. E. Fugle, DeLand—DC Duke Manso 67 $210
C. J. Stack, Tampa—Dr. T. P. Chambers, Bradenton—T. P. Chambers $160
L. V. Reamsteter, Waymerville, Ohio—H. W. Bean, Jr., Manatee's Santiago 2 $750
H. L. Stuckey, Woodburn, Ind.—Two Little & Little—Manatee's Santiago $750
H. O. Parkin, Kissimmee—Odis Covart, Center Hill—Emperor P 48th $300
L. H. Buckey, Woodburn, Ind.—Contis—Bonnie Manso $250 Dominique
Caperton—Imperial Max 2 $300 Stack
Oakley Murphy, Avon Park—Murphy's Emperor
Manso 10th $300 Haas
W. H. Stuart, Jr., Bartow—Bruno Emperor 16 $150 Stack
Hamp Williams, Hot Springs, Ark.—Estrello de Manso $350 Haas
Dominique—Prince Agregard $2500 Contis—Dominique—D. B. Manso $1500 Caperton; Seven Eleven of Circle D $300 Contis.

Females sold as follows:

Murphy—Miss Murphy's Manso 3 $610 Haas
Miss Emperor Cindy Sue $350 Haas
Clade J. Keys, St. Petersburg—Keys Echo's Queen 245 $515 Way Bitter, Dayton, Ohio
Eugene E. O'Reilly, New Smyrna Beach—EOR Emperor Del Richelieu $360 Haas
Contis—Seabob Annie $325 Haas
Norris Cattle Co., Ocala—Miss Toney 208 $450
Stuckey—Miss Rendor Manso 255 $350 Haas
Harris—Miss Este $625 Mrs. Smith
A. Davis & Sons, Cocoa—Dunion's Queen Rex-cado $350 Haas
Dominique—AD Miss Louisiana $550 Haas; AD Winnie $625 Haas.

Researchers in dairy cattle nutrition at Michigan State College have been delving into the milk producing potential of that good old standby in the cow's winter diet—corn silage. They say seven and one-half pounds of good quality corn silage is equal to a pound of U. S. No. 2 corn in the dairy ration. They also find it takes just 12 days of corn silage feeding to bring cows to a peak in milk production after they are "worn down" on a straight hay diet.

This young calf is typical of those being born on Lanam Beauchamp's Polk Brahman Farms near Winter Haven, as a result of extremely careful selection in his cow herd and use of top-notch registered sires.

INCREASED PRODUCTION . . .

Registered Brahmans . . .

In these times when marketing conditions make profits difficult, cattlemen are realizing more and more that the bull is half the herd, and that it is the greatest economy to use the very best bulls that can be obtained. Registered cattle for sale at all times.

H. E. PARTIN & SONS

Heart Bar Ranch

for October, 1954
Brahman Breeders Hold Meet

DIRECTORS of the American Brahman Breeders' Association have accepted an invitation to hold their fall meeting November 1 in Kissimmee, it was reported at the August meeting of directors of the Eastern Brahman Association.

President O. L. "Slim" Partin of the affiliated group named Gilbert Tucker of Cocoa, L. S. Harris of Kissimmee and Lamar Beauchamp of Winter Haven as a committee in charge of local arrangements and hospitality for the meeting.

A committee to help pass on calves to be purchased by Sears Roebuck Foundation for FFA projects is to be appointed, and Louis Gilbreath of Ocala will serve as judge for the Florida State Fair Brahman Show, EBA directors decided.

The association agreed to cooperate in any way possible with Tampa interests to attract Latin American visitors to Florida during the period of the State Fair in February. An EBA committee will meet with Tampa officials at 10:00 a.m., October 26, Partin states.

An invitation to participate in the State Fair of Texas' Pan-American Livestock Show was acknowledged and considerable discussion revolved around the prospect of entering a plane-load of show cattle in the Texas competition. But as The CATTLEMAN went to press it appeared likely the only Florida exhibits would be from Norris Cattle Company, Ocala, and Polk Brahman Farms, Winter Haven.

A letter of approbation and appreciation for his services to the Florida livestock industry was authorized by the directors for Dr. A. M. Pearson who recently moved to Michigan State College after a record of service to animal husbandry in Florida.

Rocks Crushed

(Continued from page 50F) version of the steel wheel was tried. Instead of solid steel wheels, cast steel bands were clamped around the standard rubber tire in an attempt to reduce direct shock on bearings, axles and final drive. The pressure of the inflated tire keeps the band from slipping when in actual use. This tractor was also beveled up to a weight of 60,000 pounds. Latest reports state the castings are working so well that future units will probably utilize the bands. Newest innovation to the DWas is steel wheels on the front of the machine as well as the rear. This gives Dawal that much more crushing surface per machine.

When Buying Replacement Bulls

KEEP THIS ONE IN MIND
Commercial cowmen all over the country are getting more beef per acre by using quality American Brahman bulls.

Would you like for ABBA to send you birth-to-weaning figures on 1294 Brahman crossbred calves?

FREE Write Dept. F:

ABBA
AMERICAN BRAHMAN BREEDERS' ASSOCIATION
1209 LOUISIANA HOTEL B. 2, TEXAS

featuring more flesh, stronger bone, larger size, with gentle dispositions

A. Duda & Sons
registered Brahman cattle
COCOA, FLORIDA

J. D. HUDGINS
HUNTERFORD TEXAS

Purebred Brahman Cattle
SOUTH MOON RANCH
Bill Boyd, Owner
Phone 29-603
Lake Wales, Florida

L. E. FUGLE
DEEP CREEK FARMS
Registered Brahman Cattle
DELAND Phone 32 FLORIDA

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Registered Brahman cow and calves, bred 3-year-old heifers and open 2-year-old heifers for sale now.
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DICKMAN FARMS
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Duyck Stock Farm
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Robinwood Farms
John A. Whitehead, Mgr.
WALDRON, INDIANA

For Quality POLLED Shorthorns
Sire is Oakwood Special Model
Jacklen Farms
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SHORTHORNS and POLLED SHORTHORNS
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B. H. McCall, Herd Mgr.
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featuring
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DIXIE D RANCH
Jim Herring, Herdsman
Rt. 1, ODDESSA, FLA.

Registered Shorthorns and POLLED SHORTHORNS
For Sale at all times!
L & L FARMS
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DOTHAN, ALABAMA

SHORTHORN ASS’N PLANS WINTER SALE IN CENTRAL FLORIDA

PLANS FOR A mid-winter Shorthorn sale at Orlando or Kissimmee were tentatively approved by members of the Florida Shorthorn Breeders’ Association meeting at Dade City September 11 just prior to the Mirror Lake Farms Dispensal Sale.

Great possibilities for Shorthorns in Florida, particularly at present in cross-breeding, were outlined by Allan Atlason, secretary of the American Shorthorn Breeders’ Association, who attended the meeting. Also present were Jim Adams of Dothan, Alabama, president-elect of the American Polled Shorthorn Society, and Carl “Shorty” Parker of Macon, Georgia, southeastern representative for the breed.

Col. E. H. Wilkerson of Eustis was elected secretary, replacing Frank R. Schell, Mirror Lake Farms owner, who resigned, and Austin Davis replaced Tommy Kerns as a director.

‘Elimination’ Planned For Shorthorn Sale

THERE’LL BE 35 registered Shorthorn bulls and 38 females on hand for the South-eastern Regional Shorthorn Breeders’ Association sale scheduled at Valdosta, Georgia, Wednesday, November 3, according to Don Longley of Aurora, Illinois, sale manager for the event.

The two-day event will feature an elimination starting at 4:00 p.m. Tuesday, November 2, at which 15 percent of the cattle will be eliminated by Carl M. Johnson of DeKalb, Illinois.

Jerseys Average $290 In Jacksonville Sale

AN AVERAGE OF $90 was paid for 28 head of purebred Jersey cattle at the Florida Jersey Cattle Club’s fourteenth annual sale held at the 4-H Club barn on McDuff Avenue in Jacksonville recently. This was $46 more than the average of the same sale last year.

Top-selling animal was Morrow Robin Poppy, a cow bred by Carlos Griggs of Summerfield and sold to W. J. Nolan of Jacksonville for $860.

Officers and directors elected for the coming year during the annual meeting were: A. T. Alvarez, Jacksonville, president; M. A. Schack, Greenwood, vice president; F. E. Baetzman, Orlando, secretary-treasurer; Directors: C. B. Skinner, Jacksonville; I. J. Pemberton Jacksonville; W. J. Nolan, Jr., Jacksonville; C. C. Sellers, Tallahassee; M. T. Crutchfield, Altha; Judson Minar, Jupiter; J. K. Stuart, Bartow; W. R. Watkins, St. Cloud and B. W. Judge, Orlando.

FOR CATALOG, WRITE
R. G. HEINE, Sale Manager
RFD 1
OCALA, FLORIDA

Don’t Miss the
FLORIDA
SHORTHORN
ASS’N
Fall Sale

SATURDAY
NOV. 6TH
at the new
SUMTER
LIVESTOCK
PAVILION
near
WEBSTER
FLORIDA

This sale will be held in conjunction with the Sumter All-Florida Breeders’ Show, and sale cattle may be inspected beginning Wednesday, November 3, at the new pavilion. Cattle are being carefully selected, and there will be approximately 20 fine service-age bulls and 10 well-bred females.

For catalog, write
R. G. HEINE, Sale Manager
RFD 1
OCALA, FLORIDA

for October, 1954
Offering guaranteed animals backed with our years of experience as Shorthorn breeders...

- NOW OFFERING
- SHORTHORN RANGE BULLS and
- FLORIDA-RAISED FEMALES of all ages

Hills of Home Farm
R. G. Heine, Owner, Phone MA 2-3974
Rt. 1, Box 313, OCALA, FLORIDA

Home of FINE Registered Shorthorns
Norquist Brothers
N-B RANCH, INC.
Phone Venice 4912. G. M. Edmondson, Manager. Ranch located two and one-half miles east of Venice on Venice Farms Road.
VENICE • Box 777 • FLORIDA

POLLED SHORTHORNS
Several top-bred service age bulls and bull calves for sale.
BEARDSLEY FARMS
CLEWISTON
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The Home of QUALITY SHORTHORNS
Featuring LM MAX SENATOR 2nd
LANG-LAWLESS
Contact Winston F. Lowless. Ranch located ten miles southeast of Winter Haven on Eloise Loop Road. Phone 4-9944 (Home); 2-4831 (Office).
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Importers and Breeders of REGISTERED SHORTHORNS
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On Route 209—Two Miles West of Ocala

Purebred Shorthorns and Aberdeen-Angus
Males and females of all ages
WILLIAMSON CATTLE RANCH
Indiantown, Florida

Highest priced Short horn bull ever to sell at public auction in Florida is pictured above. Named Collyneie DeLux, he brought $2700 from two Virginia herds at the Mirror Lake Farm dispersal sale held at Dade City in early September. Pictured behind the bull are, left to right, Bill Camp of Franklin, Virginia, Frank Schell of Mirror Lake, and Allan Atison, secretary of the American Shorthorn Breeders' Association.

Strong Demand Evident at Mirror Lake Dispersion

Top 25 Percent Averaged $679
Top 50 Percent Averaged $554
A large crowd, spirited bidding and a record price of $2700 for a Short horn bull at public auction in Florida were the features of the Mirror Lake Farm Dispersal Sale held on the Pasco County Fairgrounds at Dade City, September 11.

F. R. and L. P. Schell, of Tampa, owners of the herd which featured Pollled Collynie bloodlines, received an average of $134 for the 48 lots which sold, including the record price paid for their herd sire, Collynie DeLux, by Home Again Farms and W. M. Camp, Jr., of Franklin, Virginia.

Auctioneer G. D. "Pete" Swaffar, of Tulsa, Oklahoma, handled the sale which grossed $20,840, with 11 bulls bringing an average of $162 and 47 females going for an average of $81.

Second-highest price of the sale was paid for a 20-month-old bull, Hampton's Heir, which brought $750 from H. L. Smith of Winter Haven. Top-selling female was August 5th, who brought $600 from Joseph Osswald of Ft. Lauderdale, while Earl Haskins of Winter Haven bought the second-highest selling female, Fair Lady 3d, for $500.

Camp purchased four animals, including the bull, for himself and Home Again for a total outlay of $3780, while Randell Brothers of Fort Myers paid $1615 for four head, and Smith paid $1510 for three head.

Bulls sold, listed by purchasers with price paid, were as follows:

- Smith—Hampton's Heir $750;
- Col. E. H. Wilkerson, Eustis—FLS Collynie Sensation $400; FLS Collynie Augustin $200;
- J. N. and D. P. McClure, Bradenton—FLS Collynie Hero $475;
- Robert Beench, Stuart—FLS Collynie Nugget $230; FLS Collynie Browndale $230;
- Permeer Brothers, Lakeland—FLS Collynie Emperor $355;
- Home Again and Camp—Collynie DeLux $2700; W. S. Sparkman, Tampa—Collynie Hero $400;
- Max Smith—Latus Collynie Gold Seal $420;
- L. G. Thomas, Groveland—FLS Collynie Champion $500.

Females sold were as follows:

- Frank Edwards, Plant City—Lynwood Flower $425; Mayflower 14th $500; August 10th $250;
- Haskins—Bampton Sultana 15th $500; Fairchild's Palinka 2d $400; Fair Lady 3d $350;
- N. G. Robertson, Brooksville—Mayflower 17th $250; Lady Perfect 3d $200; Fair Augusta 3d $300;
- Fair Reach Ranch, Mt. Doraz—FLS Collynie Daybreak $350; Lyonwood Lavendar B $425;
- Smith-Mayflower 25th $300; MFL Collynie Princess $460;
- F. T. Cope, St. Petersburg—Mayflower 28th $250;
- Maid 4th $400; Maid 2d $250; Schles Brothers, Sebring—MFL Greta Collynie $375; Riverside V. Butterfly 2d $355; Golden Nymph $420;
- Wilkerson—Augusta 4th $450; Queen's Carnival $300;
- Oswood—Augusta 5th $650; A Bar B Ranch, New Smyrna—Wynet Beauty $450; Gardenia 7th $385;
- Home Again Farm—Fair Augusta 4th $390; FLS Collynie $325;
- Camp—Lady 14th $400; Randell Brothers—Blythesome 59th $480; Brookdale Anne 2d $385; Rock Hill Mayflower $480;
- Dorethia 2d $400;
- Princess Anne Farm—Brookdale Missie $500;
- L. and J. Farms—FLS Missie Collynie $350;
- Thomas—Augusta Lily 7th $255; MFL Com- modore's Myrtle $340;
- C. R. (Jack) Harker, Plant City—FLS Augusta Collynie $450;
- J. O. Weatherford, Brooksville—Hampton's Model 5th $410.

The Florida Cattlemen
The Southeastern Regional Shorthorn Breeders' Ass'n
(Membership of over 100 top Shorthorn and Polled Shorthorn Herds in Alabama, Georgia, Florida and South Carolina)

ANNOUNCES A NEW SET OF RULES FOR USE IN ITS FALL SHOW AND SALE

Valdosta, Georgia • Wed., Nov. 3
(Livestock Coliseum)

The Coliseum is only 10 miles from the Georgia-Florida line. Centrally located for the Southeastern area.

1. The sale manager has been instructed to catalog all nominations of bulls and females from the members.

2. At 4 p.m. the afternoon before the show and sale all of the cattle will be led out. 15 percent of the bulls and 15 percent of the females will be eliminated. These will be the animals considered by the judge to be least desirable. The judge will be Carl M. Johnson, DeKalb, Illinois, nationally famous judge, breeder, and commercial cattleman.

3. If any bull should be unsound about the feet, hocks, or legs he will automatically be placed in the eliminated 15 percent.

4. The eliminated cattle will not be shown or sold.

Note: Letters from the consignors indicate that no one wants to be in the eliminated 15% . . . that everyone is consigning the best animals they have produced.

63 Head . . . 35 Bulls . . . 38 Females Have Been Nominated

The Best Shorthorns and Polled Shorthorns from four Southeastern states

☆

SHORTHORNS—POLLED SHORTHORNS. The breed that gives you MORE. MORE Weight For Age . . . MORE Milk in the Beef Cow . . . MORE Economical, Faster Gains.

Leader's Pilot x, champion bull at the Valdosta Southeastern Regional in 1952. Typical of the kind to be offered. A son and a daughter of this bull have been consigned.

Elimination . . . 4 p.m. Tues. Nov. 2
Annual Banquet and Meeting . . . 7 p.m. Nov. 2
Daniel Ashley Hotel, Valdosta
Show . . . 9:30 a.m. Wed. Nov. 3
Sale . . . 12:30 p.m. Wed. Nov. 3
C. D. Swaffar, Tulsa, Okla., Auctioneer

For catalog or other information write
Don Longley, Sale Mgr., 16 So. Locust St., Aurora, Ill.

for October, 1954
Gibson, Field, 60

Phone PR-0171 Home Phone MO-5-1540
9405 W. Flagler St., MIAMI, or at our Miami ranch, bulls. The bulls are strictly top prospects to head a breeding and purebred. The bred heifers carry the service of our best 64 head consists of 19 bulls and 45 heifers (bred and open) to select from the tops of our past three years' production. Our herd is one of America's largest and the quality is of the very

YATES RANCH SALE
October 16, Vineyard, Texas

This sale will provide Charolais breeders an opportunity to select from the tops of our past three years' production. Our herd is one of America's largest and the quality is of the very best. If you want top Charolais you will find them here October 16th. No cattle for sale until then. The offering of 64 head consists of 19 bulls and 45 heifers (bred and open) of the following blood percentages: 3/4, 7/8, 15/16, 31/32, and purebred. The bred heifers carry the service of our best bulls. The bulls are strictly top prospects to head a breeding herd. Sale catalogs now available.

YATES RANCH • Vineyard, Texas
Miss Billie Yates, Owner
Ranch located 54 miles northwest of Fort Worth, seven miles north of Highway 199. Member, International Charolais Cattle Raisers Association.

Feeder Calf Sales
(Continued from page 28)
while Simonton Ranch, Micanopy, received $650 on 119 head, and B. J. Alderman, Grandin, got $594.11 for 110 head.

Other consignors and buyers were:
Buyers—Baudette Farms, Rusk; W. H. Buchanon, Gainesville; Dudley Benson, Gainesville; Dave Bailey, Jr., Ocala; Claude Brandon, Alachua; J. E. Brandiev, Live Oak; W. M. Cervis, Doctor's Inlet; W. P. Davis, Valrico; Dr. Emerick, Gainesville; L. V. Edwards, Brookie; Ben Franklin, Micanopy; W. Fish, Sanderson; J. A. Henderson, Gainesville; C. A. Hook, Orlando; Russell Koons, High Springs; L. D. Underwood, Ocala; George's Meat Market, Gainesville; A. G. Lewis, Gainesville; J. J. McCallum, DeLand; John Nyvicka, Punta Gorda; F. W. Mucko, Trenton; E. H. Moody, Palatka; P. Y. Proctor, DeLand; J. R. Peebles, Jr., Silver Springs; W. C. Rogers, Trenton; O. G. Randolph, Ocala; C. A. Roberts, Jr., Lake Butler; J. C. Ramsey, Gainesville; Lee Smith, Trenton; Swift and Company, Ocala; Geophus Sikes, O'Brien; Dr. F. E. Sandburg, Ocala; J. W. Straw, Hawthorne; Turkey Track Cattle Co., Ocala;

Charolais & Charbray
From one of Florida's top herds
DR. E. J. HALL
9405 W. Flagler St., MIAMI, FLA.
Cattle may be seen at our ranch, 12 miles east of Punta Gorda on the Bermont Road (after Flea, 31), or at our Miami ranch, by calling Miami 3-7091 or 67-1009.

Registered Charolais—Charbray
Bryant E. Pearce
P. O. Box 1406, Phone Edison 2-3681
FORT MYERS, FLORIDA
MEMBER AMERICAN CHAROLAISE-CHARBRAY BREEDERS ASS'N.

S$2 Per Head Paid At Graceville Sale

An average of $22 was paid for the 884 head which sold at the Graceville sale, which had a gross of $23,913 on a total weight of 75,615 pounds for the various animals sold at Tindel-Williams Market.

Jack Henry of Dothan, Alabama, served as auctioneer for this sale which averaged $15.62 per head of cattle which weighed an average of 457 pounds.

Manager Claud Tindel estimated that 40 percent of the cattle were Angus, 30 percent Hereford, and 30 percent Brahman.

Top prices were brought by Angus cattle, with Sunnyland Packing Company, Thomasville, Georgia, paying the top amount of $17.80 per hundred.

Heaviest buyer was Greenwood Products Company, Graceville, paying $4723 for 79 head, while the Quincy Livestock Company bought 70 head for an outlaw of $3599. and Swift and Company, Moultrie, Georgia, bought 62 head for $3931.

Other consignors and buyers were:
Buyers—Montgomery Auction Market, Montgomery, Alabama; Griffin, Graceville; W. B. Ellis, Bonifay, Hermit, Bainley, Graceville; Walter Anderson, Malone; Godden Livestock Company, Godden; Swift and Company, Moultrie, Georgia; Greenwood Products Company, Graceville; Quincy Livestock Company, Quincy; Jackson Packing Company, Sumterland Packing Company, Thomasville, Georgia; P. T. Everett, Graceville, Creek Ranch (W. C. Tindel), Grace-
B. B. Saunders, Jr., of Live Oak, bought S3585, a registered Charbray bull, from J. E. Odom, Jr., Live Oak; Floyt Odom, Sr., Live Oak; Floyt Odom, Jr., Live Oak; M. H. Odom, I, Live Oak; Floyt Odom, Sr., Live Oak; Floyt Odom, Jr., Live Oak; M. H. Odom, I, Live Oak; Floyt Odom, Sr., Live Oak; Floyt Odom, Jr., Live Oak; M. H. Odom, I, Live Oak; Floyt Odom, Sr., Live Oak; Floyt Odom, Jr., Live Oak; M. H. Odom, I, Live Oak; Floyt Odom, Sr., Live Oak; Floyt Odom, Jr., Live Oak; M. H. Odom, I, Live Oak; Floyt Odom, Sr., Live Oak; Floyt Odom, Jr., Live Oak; M. H. Odom, I, Live Oak; Floyt Odom, Sr., Live Oak; Floyt Odom, Jr., Live Oak; M. H. Odom, I, Live Oak; Floyt Odom, Sr., Live Oak; Floyt Odom, Jr., Live Oak; M. H. Odom, I, Live Oak; Floyt Odom, Sr., Live Oak; Floyt Odom, Jr., Live Oak; M. H. Odom, I, Live Oak; Floyt Odom, Sr., Live Oak; Floyt Odom, Jr., Live Oak; M. H. Odom, I, Live Oak; Floyt Odom, Sr., Live Oak; Floyt Odom, Jr., Live Oak; M. H. Odom, I, Live Oak; Floyt Odom, Sr., Live Oak; Floyt Odom, Jr., Live Oak; M. H. Odom, I, Live Oak; Floyt Odom, Sr., Live Oak; Floyt Odom, Jr., Live Oak; M. H. Odom, I, Live Oak; Floyt Odom, Sr., Live Oak; Floyt Odom, Jr., Live Oak; M. H. Odom, I, Live Oak; Floyt Odom, Sr., Live Oak; Floyt Odom, Jr., Live Oak; M. H. Odom, I, Live Oak; Floyt Odom, Sr., Live Oak; Floyt Odom, Jr., Live Oak; M. H. Odom, I, Live Oak; Floyt Odom, Sr., Live Oak; Floyt Odom, Jr., Live Oak; M. H. Odom, I, Live Oak; Floyt Odom, Sr., Live Oak; Floyt Odom, Jr., Live Oak; M. H. Odom, I, Live Oak; Floyt Odom, Sr., Live Oak; Floyt Odom, Jr., Live Oak; M. H. Odom, I, Live Oak; Floyt Odom, Sr., Live Oak; Floyt Odom, Jr., Live Oak; M. H. Odom, I, Live Oak; Floyt Odom, Sr., Live Oak; Floyt Odom, Jr., Live Oak; M. H. Odom, I, Live Oak; Floyt Odom, Sr., Live Oak; Floyt Odom, Jr., Live Oak; M. H. Odom, I, Live Oak; Floyt Odom, Sr., Live Oak; Floyt Odom, Jr., Live Oak; M. H. Odom, I, Live Oak; Floyt Odom, Sr., Live Oak; Floyt Odom, Jr., Live Oak; M. H. Odom, I, Live Oak; Floyt Odom, Sr., Live Oak; Floyt Odom, Jr., Live Oak; M. H. Odom, I, Live Oak; Floyt Odom, Sr., Live Oak; Floyt Odom, Jr., Live Oak; M. H. Odom, I, Live Oak; Floyt Odom, Sr., Live Oak; Floyt Odom, Jr., Live Oak; M. H. Odom, I, Live Oak; Floyt Odom, Sr., Live Oak; Floyt Odom, Jr., Live Oak; M. H. Odom, I, Live Oak; Floyt Odom, Sr., Live Oak; Floyt Odom, Jr., Live Oak; M. H. Odom, I, Live Oak; Floyt Odom, Sr., Live Oak; Floyt Odom, Jr., Live Oak; M. H. Odom, I, Live Oak; Floyt Odom, Sr., Live Oak; Floyt Odom, Jr., Live Oak; M. H. Odom, I, Live Oak; Floyt Odom, Sr., Live Oak; Floyt Odom, Jr., Live Oak; M. H. Odom, I, Live Oak; Floyt Odom, Sr., Live O
300 Head to Sell in First Florida Brangus Sale at Plant City in January

CATTLEMEN interested in Brangus and crossbred Brahman-Angus cattle will certainly want to be on hand for the Eastern States Brangus Association's First Annual Show and Sale, which will be held at Plant City, January 18, 19, 20.

That's the word from Joe Gramling, Brangus breeder of Plant City who is serving as co-chairman of the event along with Arden Mays, also a Brangus breeder of Plant City who operates Triple Creek Ranch, near Boyette in southwestern Hillsborough County. This will be the first sale of the breed east of the Mississippi.

According to Gramling, more than 100 animals are expected to compete for honors during the show which is to be held on Wednesday, January 19, and 300 head, mostly females, will comprise the sale offering of Thursday, January 20. Deadline for entries is October 15.

The sale animals will range in age from six months and up, and will include bred and open heifers.

"Animals selling at this event will include one-quarter bloods, half bloods, three-quarter bloods and true Brangus. The three-quarter blood bulls can be bred to purebred Angus females, and this mating results in true Brangus cattle," said Gramling.

The event is being sponsored by the Eastern States Brangus Association with the cooperation of the American Brangus Breeders Association. "Cattle consigned to this sale will come from leading Brangus herds throughout the United States," Gramling said.

The event will be held at the New Plant City Stadium and sale headquarters will be in the East Hillsborough County Chamber of Commerce building in Plant City. Special events for the occasion will be announced later, said the Brangus breeder.

Sale manager is Louis Gilbreath, Florida representative of the national Brangus group and manager of Camp Ranches, Inc., at Ocala.

Dr. T. J. Gunha, head of the department of animal husbandry and nutrition at the University of Florida, Gainesville, and Gilbreath will serve as the screening committee for the association.

There will be a fee of $5.00 for show animals, all of which must be halter broken, which will go towards show premiums, and a sale fee of $20.00 has been set up by the sale committee. The cattle will be sold singly and in groups up to five head. Gramling announced that some animals will be donated for sale and the proceeds will go to the national association.

Working with the two co-chairmen is a committee of local men comprised of: Joe Armor, assistant county agent of Hillsborough County; Bill Barber, secretary of the East Hillsborough County chamber; O. M. Andrews, mayor; and Henry S. Moody, city commissioner.

Gramling says that further information or reservations for the event may be arranged for by writing to him or Mays, care of the ESBA at Plant City.

Sale Scheduled By Guernsey Assn'

It is expected that at least 50 registered cattle will sell at the Florida Guernsey Sale at the Largo Fairgrounds on November 9, according to Pinellas County Agent John H. Logan.

Logan says that the sale, the sixteenth annual event sponsored by the Florida Guernsey Cattle Club, has already attracted from North and South Carolina, Georgia and Florida.

Brangus Officers Reelected

Reelection of all officers and directors was the highlight of the annual membership meeting of the Eastern States Brangus Association at Gainesville, August 17, with President H. E. Wolfe, St. Augustine, presiding, and with F. B. Daniel, Orange, Virginia, president of the American Brangus Breeders Association, among those present.

Much of the meeting was devoted to discussion of the association's first annual show and sale which is to be held at Plant City in January. Meeting was held at the University of Florida livestock pavilion.

In addition to Wolfe, other officers reelected were: J. Arden Mays, Plant City, vice president; Milton Plumb, Tampa, secretary-treas.; directors include: Daniel; A. J. Hartung, Foley, Alabama; Dorsey Buttram, Granada, Mississippi; Dr. Sidney R. Goldstone, Shady, Georgia; Don B. Newburn, Sarasota; Jake B. Owens, Tampa; Louis Gilbreath, Ocala; Joe Gramling, Plant City; Eugene F. Griffin, Bartow; Jesse W. Johnson, Largo; Marshall Wolfe, Hastings; W. B. Sparkman, Plant City; Arthur Coleman, Plant City; Dr. T. J. Gunha, Gainesville.
Brangus Valley Farms Complete Dispersal Sale

350 Head of Quality REGISTERED BRANGUS and ANGUS

You’ll Bid On Any or All Of These Sale Groups...

- 34 Brangus 3 yr. old cows
- 13 Brangus 2 yr. old cows
- 48 Brangus yearling heifers
- 1 three-year-old Champion Brangus bull
- 7 Brangus yearling bull calves
- 2 good Brangus 2 yr. old bulls
- 60 good 1954 Brangus heifer calves
- 12 good 1954 Brangus bull calves
- 111 Angus cows (3 and 4 year old)
- 31 Angus cows, mostly 5 year old

The famous “Blue Ribbon” herd of Brangus Valley Farms, the farm that produced more prize winners in class judging at the 1954 National Brangus Show, is to be sold in complete dispersal sale.

More than 200 head of quality, registered Brangus are in the offerings at auction. The 143 head of registered Angus brood cows, many with calf by side, are to be sold.

Quality stock throughout. Here’s your opportunity to invest in pedigreed stock for your own foundation herd of Brangus or for individual animals or lots to add profitably to your present stock.

You can select any animal with complete confidence at this complete dispersal sale of merit at Brangus Valley Farms.

- 12 topnotch 3/4 blood bulls included
- Cows and yearling heifers Bangs tested and T.B. vaccinated
- Our “show herd” string is in the sale
- Lunch available on the grounds
- Airport facilities for private planes at Fayetteville Municipal Airport

**Sale Starts at 10 a.m.**

Brangus Valley Farms
FAYETTEVILLE, ARK.

GENE GOFF
Owner

Address All Your Inquiries to P. O. Box 501
FAYETTEVILLE, ARKANSAS

WALTER BRITTEN
Auctioneer
South Florida's First Field Day
STARTING AT 10:00 A.M.

1. Informal Tour of Gulfstream Farm.

2. A Type Demonstration showing the necessary characteristics of a herd bull.

3. A discussion of the purebred breeding establishments in relation to the improvement of Florida beef through the commercial cattleman.


5. A discussion of purebred herd management in Florida.

6. A demonstration of tattooing, records, castrating and hoof trimming.

7. A discussion of herd building policy including line breeding practices, replacement selection, herd bull selection, and other factors.

Luncheon will be available at 1:00 p.m.
Gulfstream Farm October 23

GULFSTREAM'S FIRST BULL CALF SALE

STARTING AT 2:00 P.M. ON OCTOBER 23

A Sale of 20 Top Quality Purebred Angus Bull Calves

Our aim here at Gulfstream has been to bring to Florida the finest cattle, both in individuality and bloodline available in the country. This we have accomplished. We are enthusiastic about the resulting calves. We want Florida Angus cattle to benefit from these calves as soon as possible. We are, therefore, putting these bulls up for the appraisal of discriminating purebred breeders in the Southeast. They are young and can be seen at their true worth. Each is out of a well bred cow and sired by a Nationally prominent Angus bull. Any of these calves can, by virtue of his individuality and pedigree, advance your purebred operation as their sires have for us both in Florida and in Maryland.

Jim Farquhar
Bill McGregor

Included will be:

9 Grandsons of
EILEENMERE 1002
1949 International Champion
by Ankonian 3242
Ankonian 3249
Ankonian 3229

1 Son of
H.C. EILEENMERE 42
Southeastern Champion

4 Grandsons of
EILEENMERE 1029
$30,000 son of Eileenmere 500
by Kinlochmere 12

3 Grandsons of
KING BARDOLIER G.R. 2
outstanding son of Black Bardolier
by Black Bardolier McGregor

2 Great-Grandsons of
EILEENMERE 500
1946 International Champion
by Eileenmere of Airdrie 2
Eileenmere B.H. 2

1 Grandson of
PRINCE SUNBEAM 29
The $2,000,000 Sire
by Black Prince of Maryland

Featuring the
Tops in Angus!

Farm
The deepest South
E, FLORIDA

for October, 1954
Bull Sale, Field Day Are Announced by Gulfstream

The first Aberdeen-Angus field day ever held in southeastern Florida will be combined with a sale of 20 young bulls at Gulfstream Farm near Fort Lauderdale October 23, according to Bill McGregor and Jim Farquhar, partners in the Gulfstream operation.

"We think it will be an interesting day for those attending," Farquhar declares.

Program calls for a prompt start at 10:00 a.m. with a schedule of important subjects pertaining to the cattle industry, particularly in southern Florida.

There will be a break for lunch at 1:00 p.m., and the bull sale will start at 2:00 p.m.

Program for the field day is planned to cover all phases of the purebred cattle industry in southern Florida with emphasis on the cooperation between the purebred breeder and the commercial breeder to produce better beef in Florida.

Practical demonstrations of castration, identification, hoof trimming, etc., will be conducted by experts. A discussion on the value of keeping proper records will also be featured. Other discussions will include line breeding practices, replacement selection, herd bull selection and purebred calf management. The program will start with an informal tour of the Gulfstream herd.

The bulls which will sell are all from top sires and out of well-bred dams, Farquhar notes. With an average age of about one year—combined with the fact that they are not highly fitted—they will give the buyer a good chance to see them at their true worth. There will be nine grandsons of the 1949 International Grand Champion, Eileenmere 1032, sold.

Farquhar points out that each of these bulls will thus have three International Grand Champions showing in the regular five generation pedigree on the sire's side alone. 15 of the 20 head will show the 1946 International Grand Champion, Eileenmere 506, close up in the tabulation.

"We at Gulfstream," Farquhar states, "feel that, in this type of sale presentation, we are offering the prospective buyer an unequalled opportunity to compare and select strictly on the basis of quality as he sees it, without paying for a highly fitted product, but with the knowledge that the blood behind the animal he selects is of top caliber."

Tight Credit Predicted For Florida Farmers

The Florida Agricultural Outlook committee, in its forecast for 1954-55, predicts that the purchasing power of the farmer's dollar will decline further during the next few months and fewer farmers will find themselves falling within the category of being qualified for credit. However, they quickly point out that there is still plenty of short term credit available for the properly qualified farmer from banks, production credit associations, and Farmers Home Administration.
FLORIDA ABERDEEN-ANGUS ASSOCIATION

Annual Fall Sale

to be held during the Sumter All-Florida Breeders’ Show

Angus Show at 9:00 a.m. • Sale at 1:30 p.m.

Nov. 5 — Webster, Fla.

Families represented in the sale will include Ballindalloch Georgina, McHenry Barbara, Woodlawn Blackbird, Windsor Queen Mother, K. Pride, Lantz Blackcap, Fourth Branch Blackbird, Chieftain Trojan Erica, Judy Blackcap, Eriskay Erica, Eisa Trojan Erica, Evergreen Erica, Pride of Aberdeen, Rosemere Blackcap, Enchantress Trojan Erica, Primrose, Barbara, Blackbird Lassie, Portlethen Lucy, Mignonette, McHenry Blackcap and others.

COL. STAN HAWORTH WILL SERVE AS AUCTIONEER

Consignors: Arden Angus Farm, Winter Park; Dixie Angus Farm, Callahan; Fort Hamer Ranch, Bradenton; Grovelane Farms, Lake Wales; Gulfstream Farm, Fort Lauderdale; Hopley Angus Ranch, Lutz; Mill Pond Plantation, Marianna; Perdido Ranch, Pensacola; Turkey Ford Ranch, Lutz; University of Florida, Gainesville; J. B. White, Starke; Zetrouer’s Stock Farm, Micanopy.

For catalog and reservations write:
Crawford Rainwater, Box 666, Pensacola, Florida

for October, 1954
THE SIRE OF
OVER 100 CALVES!

Bardolier of Airdrie 2d

Yes, Bardolier of Airdrie 2d has been a top-producing bull for Grovelane Farms over the past two breeding seasons. Not only has he sired more than 100 calves during that period, but several of them have been blue-ribbon winners.

As a matter of fact, he has produced so many fine calves for our herd that we have all of his breeding that we need. We are offering him for sale.

We think that you'll agree that registered breeders, whatever the breed, have few chances to buy proven sires—sires whose calves they can see.

We invite you to visit Grovelane Farms, see this outstanding bull and his offspring.

GROVELANE FARMS
REGISTERED ABERDEEN-ANGUS CATTLE

Bob Connell, Herdsman  •  Urban Rudner, Manager
LAKE WALES, FLORIDA

Marydale Farm
Registered Angus Cattle
Lloyd Cobb, Owner  •  Telephone 82X
H. B. “Cotton” Fairchild, Manager
ST. FRANCISVILLE LOUISIANA

Perdido Ranch
Located west of Pensacola on U. S. 90 at the Perdido River.

BROWN AND CRAWFORD
RAINWATER, Owner
E. J. Gibbs, Herdsman

Young breeding stock for sale at all times!
Herd Sire: MAHRAPO BARDOLIER, breeder of Champions.

Post Office Box 666  •  PENSACOLA, FLORIDA

Angus Sale Scheduled At Webster

THE LARGEST offering of registered Aberdeen-Angus ever sold in a Webster sale will be offered November 5 when the Florida Aberdeen-Angus Association holds its annual fall sale during the Sumter All-Florida Breeders' Show.

According to Sale Manager Crawford Rainwater of Pensacola's Perdido Ranch, 47 females and 14 bulls have been consigned to the sale by 12 of the state's top breeders.

Quality will also be first rate at Webster, as usual, according to Rainwater. The Webster sale has long been the place where many Florida breeders sell their best-bred and best-fitted cattle.

"We believe Florida cattlemen are more quality-conscious than ever, with cattle prices down," Rainwater pointed out. "We believe that good cattle like our Webster consignments will find a ready market among improvement-minded cattlemen."

Some of the best families of Angus cattle are represented in the consignments: Ballindalloch Georgina, McHenry Barbara, Woodlawn Blackbird, Windsor Queen Mother, K. Pride, Lantz Blackcap, Fourth Branch Blackbird, Chieftain Trojan Erica, Judy Blackcap, Eriskay Erina, Eisa Trojan Erica, Evergreen Erica, Pride of Aberdeen, Rosencrane Blackcap, Enchantress Trojan Erica, Primrose, Barbara, Blackbird Lassie, Portletten Lucy, Mignonne, McHenry Blackcap and others.

Consignors include: Dixie Angus Farms, Callahan; Mill Pond Plantation, Marianna; University of Florida, Gainesville; Zetrouer Stock Farm, Micanopy; J. B. White, Starke; Gulfstream Farm, Fort Lauderdale; Fort Hamer Ranch, Bradenton; Arden Angus Farm, Winter Park; Perdido Ranch, Pensacola; Turkey Ford Ranch, Lutz; Hopley Angus Ranch, Lutz; Grovelane Farms, Lake Wales.

PLAN now to attend the Sumter show at Webster November 5.
McKENZIE ANGUS
DISPERSAL
OCT. 11
SALE AT THE FARM
COLBERT, GEORGIA
(Near Athens)
230 LOTS - OVER 300 HEAD

ONE OF THE GREATEST ANGUS SALES EVER HELD IN THE SOUTH!

- 4 Sons of Homeplace Eileenmere 999-35th, the twice Reserve International champion, and two are out of daughters of Eileenmere 1032nd
- 2 $6000 sons of the International Grand Champion Eileenmere 1032nd
- The $7100 Beaverdam’s Black Bourbon 15th and his son Beaverdam’s Black Bourbon 35th
- Two sons of the $15,000 Eileenmere 1074th
- The double-bred Prince Sunbeam 29th sire, Prince Mahrapo 2nd
- A son of Eileenmere 1201st, the “1050th” son at Mahrapo Farms

TOP FAMILIES SELL
Gamm7ers (one a daughter of Eileenmere 1052nd)
Blackcap Bessies
Ballindalloch Georginas
Ballindalloch Jiltis
Barbara Woodson
Enquiry Dell
Blueblood Lady
Tolam Blackcap
Tolam Blackberries
Rosemere Anielpaes
Zanas
Primrose
Portlethen Lucys
Blackcap Empress
Edina Erica
Blackcap Elites
Juana Erics
Petunia
Ellina Ericas
Barbaras
Queen Mothers
Maid of Bammers
Sunbeam Pride
Hartley Edelas

We’ll look for you sale day
Henry & Beatrice Newman, Owners
Allen T. Freeman, Manager
Jim Markham, Roy Gartee, Herdsmen

for October, 1954

Many females carrying the best breeding carry the service of these bulls. More than 100 cows sell with calves by them at side!

ANKONIAN 3533rd—a top son of Homeplace Eileenmere 999-35th, twice International reserve Champion. He and three brothers sell!

This dispersal sale because of the owner’s illness means that breeders of the South will have one of their best opportunities to secure many of the better animals that have been sold in top auctions of the country during the past few years. Pedigree-wise, quality-wise and family-wise, they represent a big investment and you can buy them at a dollar-saving advantage on OCTOBER 11.

17 HERD BULLS and young prospects will sell—more top bulls than in any sale ever held in the SOUTH! These Sells: Ankonian 3325th, son of 1032nd; Ankorian 3533rd, son of “999-35th”; Beaverdam’s Black Bourbon 15th, son of Black Bourbon of V.; Beaverdam’s Black Bourbon 35th, son of the “15th”; Beaverdam’s Eileenmere 5th, son of the “1074th”; Eric Blackcap of S, a son of Eric Zaromar; and many others.

Younger heifers being offered in the October 11th auction!

SALE BEGINS AT 10:00 a.m. at the farm, Colbert, Ga., near Athens. Headquarters will be the Holman Hotel, Athens, where a get-together will be held on Sunday evening, October 10, at 7:00 p.m.

Auctioneers: Paul Good, Ray Sims, George Collins
WRITE FOR CATALOG...to either the farm or sale manager. Contact also for transportation. Southern Airways serves Athens, and major airline connections can be made from Atlanta. Write hotel direct for room reservations.
White Likes Florida For Angus

MOVING FROM Missouri to Florida with his registered Aberdeen-Angus herd in tow has proved successful for J. B. White of Starke and, as an extra bonus, he no longer has the Missouri winters to face each year.

White says that he got tired of the winters in Missouri and was also attracted to Florida as a new residence in 1950 because of the longer grazing seasons that are possible here. The former Missouri man still owns his farm in that state which is being operated by his brother.

He started in the purebred Aberdeen-Angus business in 1944 and has the distinction of starting out with two cows and hasn’t purchased the first replacement female since then, although he has purchased various herd sires. He now operates with a herd consisting of 30 brood cows.

A foundation of Sunbeam breeding is the feature of White’s herd with most of the brood cows being Euronas and Blackbirds. His present herd sire is Prince PP 138th, a grandson of Prince Sunbeam 24th, the 1948 International grand champion.

Since coming to Florida, White has been busy developing his pasture program but has found time to consign to some of the Florida Aberdeen-Angus Association-sponsored sales. He doesn’t plan to take an active part in any of the shows but hopes to continue to support the sales.

White has a well-rounded operation with a few grade cows in his operation and also maintains about seven Duroc cows to classify himself as being in the hog business in a small way.

He owns 135 acres located on the Rainbow road just out of Starke with 10 acres in corn, 42 acres of Pensacola Bahia with White Dutch clover, 10 acres of Pangola (hay is made from this), 15 acres of Serica Lespedeza with Kenland Red clover, 12 acres of Crotelaria, and 10 acres of chufas and peanuts. He has 15 acres of pecan trees which he proudly says gave him a yield of over 21,000 pounds of pecans last year. He also leases 155 acres which is concentrated in corn, pasture and soybeans.

“I figure that some things do better here in Florida and some things not so well,” White stated. “I can’t raise as much corn here as I did in Missouri and I have to fertilize more heavily here but I have a longer grazing period for my cattle.”

He can have pasture 10 months out of the year now and feels that with more land he could possibly have good pasture 12 months out of the year for his registered Angus.

Okaloosa County Sets Beef Cattle Show Date

THE ANNUAL Okaloosa County Beef Cattle Show will be held at Crestview on Thursday, November 18, according to Alex Clemmons of Crestview, secretary of the Okaloosa County Cattlemen’s Association which will serve as sponsor of the event.

Clemmons said that the show will be held at the Crestview Ball Park and will also feature a barbecue. All animals will be halter-broken with all breeds eligible to enter and adult and FFA judging contests are slated to be on tap that day for those who care to enter.

Alston Campbell of Laurel Hill is president of the cattlemen’s association.
STANFORD FARMS
Production Sale

To be held at the Farm, Donelson, Tenn.,
Starting Promptly at 1:00 p.m. on . . .

October 19, 1954

FEATURING FOR THE FIRST TIME Sons and Daughters
of

PRINCE ERIAN
2nd of DEN MOR

* 34 HEIFERS—27 are daughters of Prince Erian 2nd!
* 14 COWS—All are in production!
* 3 BULLS—All are sons of Prince Erian 2nd. Two are Summer Yearlings and One is Senior Calf

WRITE FOR CATALOG

Be sure to attend the Ridglea "Autumn Harvest" Sale on October 18th!

SALE HEADQUARTERS:
Noel Hotel, Nashville, Tenn.

AUCTIONEERS:
Ham James and Paul Good

FOR CATALOG WRITE: W. M. Barton, Sale Consultant, 421 Chamber of Commerce Bldg., Buffalo, N. Y.

H. E. & R. D. Stanford, Jr., Owners
Warren Dievert, Herdsman

STANFORD FARMS - DONELSON, TENN.
Angus Bulls Sold at Gainesville

Top 25 Percent Averaged $368
Top 50 Percent Averaged $306

Three Alachua-Marin Angus breeders received a total of $5995 for 25 young bulls, an average of $240 per head, at a sale held at the Gainesville Live Stock Market on Wednesday night, September 8, following the annual Aberdeen-Angus feeder calf sale.

Top-selling bull, Zetsmmer 10291h, was consigned by the Zetrouer Stock Farm, Micanopy, and went to Charles Ford and J. G. Matheny of Lake O’Lakes for $500. Zetrouer was also one of the consignors of the second highest bull, Zetsmmer 39th, which sold for $460 to the Florida Agricultural Experiment Station, Gainesville.

Bill Pace, of Montgomery, Alabama, cried the sale which was well attended, and 21 buyers made purchases at the sale with the largest buying two head.

Other consignors to the sale were O. T. Bud, Gainesville; Gnrl. Bryant, High Springs; A. B. Cullen, Jr., Gainesville; P. S. Gonzales, Alachua; S. J. Hancock, Palatka; Imperial Ranch and Tung Corp., Lake Butler; M. M. Mixon, Micanopy; T. T. Orton, Gainesville; Paves’ Home Port, Newberry; Richard Brothers, Evington; J. W. Straw, Hawthorne; E. A. Stables, Palatka; Sumner and Hollinsworth, High Springs; Taco. Tucker, Christmas; W. J. Whitehurst, Archer; Lazy W Ranch, Gainesville.

Bulls sold, listed by consignor, with purchaser and price paid, were as follows:

Zetrouer Stock Farm—Zetmmre 10291h, $500; Ford and Matheny; Zetmmre 33rd, $300; Circle M Ranch; Zetmmre 51th, $250; Amis, Zetmmre 36th, $300; Gonzales; Zetmmre 6th, $200; Stables, Zetmmre 41st, $200; Steadham; Zetmmre 41st, $150; Whitehurst; Zetmmre 75th, $100; Black; Zetmmre 50th, $50; Ford.

Other buyers were A. M. Anderson, Williston; O. O. Armstrong, Gainesville; P. R. Crowe, Palatka; Spradon, High Springs; W. M. Mixon, Micanopy; E. E. Soto, Old Town; H. J. Clark, Newberry; J. B. Brown, Lake Butler; Zetmmre 51st, $220; Anderson; Zetmmre 6th, $120; Steadham; Zetmmre 40th, $100; Imperial Ranch and Tung Corp.; Zetmmre 44th, $85; Duncan.

A. R. Zetrouer, one of the consignors at the recent Alachua-Marin Angus breeders sale at Gainesville, has emphasized year-round grazing to maintain his registered Angus near Micanopy. Upper panel shows him pointing out Louisiana White clover, while the panel in the middle shows a Hubam stand, and the bottom panel pictures some of his registered cattle on Pangola grass.

Thomas B. King Dies at Age of 82

One of the last of Florida’s old-time cattle barons, Thomas Butler King, widely known as “Buck” King, died at the age of 82 in Arcadia, Friday, August 20.

He was a son of Judge Ziba King, recognized in his day as the “cattle king” of South Florida, who was one of the founders with Peter O. Knight of the Exchange National Bank, of Tampa.

King was born at Fort Ogden, DeSoto County, November 10, 1871, and married Miss Ira Parker, member of a prominent South Florida family.

Until his health began to decline several years ago, King was a leader in civic, business and political affairs, and was influential throughout the area.

He was for years president of the First National Bank of Arcadia, and also served for many years on the State Board of Control in which position he was responsible for much of the groundwork that resulted in the University of Florida reaching its present stature.

Survivors are two daughters, Mrs. Thomas M. Lykes and Mrs. Carl P. Fish.
Field Day Crowd Sees Spires Angus

An uninvited guest—rain—was on hand for the field day and pasture tour held at Dr. R. B. Spires’ Choctaw Ranch on Thursday, September 9 but it didn’t dampen the spirits of the farmers and ranchers present from the immediate area who had been suffering from a long dry spell.

Visitors were shown the purebred and grade Aberdeen-Angus herds owned by Spires and operated under the management of Keith Miller. They also inspected the improved pasture acreage on the ranch which is located 19 miles south of Ponte Vedra Beach on Florida Highway 81 and enjoyed themselves by swapping talk on everything from securing better cattle crops to raising soybeans.

In addition to Spires and Miller, on hand to answer questions for the visitors were J. E. Pace, University of Florida animal husbandman, Russell Henderson and Aubrey Mixon, University of Florida agronomists, Washington County Agent Oscar Harrison, and Dr. Curtis Hutton and Dr. R. L. Jeffers of the West Florida Experiment Station at Jay.

Spires started in the purebred Angus business in 1951 and plans to build his registered herd up to about 100 brood cows. His chief herd sire is Globe Hill Eileenmere 3505th, a son of the “999-55th”, who is co-owned with Perdido Ranch of Pensacola.

Science is now using radioactive fertilizers to determine what grasses will best withstand drought conditions. Year-old cubes of various varieties are being planted in soil which has been treated with radioactive phosphates placed at various depths.

...OFFERING AT WEBSTER!

EMERALD WINDSOR
QUEEN MOTHER 1837485
(Exhibited August 31, 1953)

| Ever Prince of Sunbeam 567027 | Ever Prince of Sunbeam 567027 |
| Imperial Queen 12th 928941 | Imperial Queen 12th 928941 |

EMERALD JUDY BLACKCAP 1837478
(Exhibited October 9, 1953)

| Ever Prince of Sunbeam 567027 | Ever Prince of Sunbeam 567027 |
| Imperial Queen 12th 928941 | Imperial Queen 12th 928941 |

WE ALSO HAVE SEVERAL

VERY GOOD YOUNG HEIFERs FOR SALE AT THE RANCH

J. Arden Wesley, Owner
P. O. Box 1237, Phone 4-2392 or 4-6633

WINTER PARK, FLA.

HERE’S WHAT Good Bulls HAVE MEANT TO US:

At the Aberdeen-Angus Feeder Calf Sale held in Gainesville September 8, everyone agreed that the offering was the best ever. We are proud that our calves topped the sale again, and submit the figures below as evidence of what good bulls have done in our commercial herd:

<table>
<thead>
<tr>
<th>Number Sold</th>
<th>Ramsey</th>
<th>All Others</th>
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<tr>
<td>Price per Head</td>
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<td>$14.54</td>
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<tr>
<td>Price per Hundred</td>
<td>$93.74</td>
<td>$58.01</td>
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</table>

This comparison shows that the time has come when there is no substitute for quality. To improve the quality of your calves, use nothing but the best bulls. The bulls we are producing will improve the quality of YOUR calves.
Duroc, Hampshires and Spotted Poland Chinas in the form of bred gilts, open gilts and boars were represented in the sale which saw 31 open gilts gross $1690 for an average of $55.28, while 10 boars grossed $775 for an average of $77.50. A gross of $825 with an average of $125 was reached on the five bred gilts that sold. Auctioneer was Col. R. W. Henry of Dothan, Alabama.

The day was a full one for the attending Florida swine producers with judging of the sale animals in the morning by W. C. McCormick of the Georgia Coastal Plains Experiment Station at Tifton and the rest of the morning was taken up with the Third Annual Swine Field Day sponsored by the association.

Top-selling animal in the sale was Red Wave Lady 5, a Duroc bred gilt, consigned by Cannon Duroc Farm of Live Oak that sold to R. M. Goodson of Grand Ridge for $155. Coy O'Bryan of Altha bought the next highest priced bred gilts, both Durocs, at $125 each in Lenders Betty, also consigned by Cannon, and Haynes Gold Lady, consigned by T. J. Haynes of O'Brien.

Top open gilt in the sale was a Duroc, McKeithen's Lassie 1, consigned by Yann E. McKeithen of Wellborn and purchased by S. M. Strom of Quincy for $80, while another Cannon Duroc, Fascinator Daisy, bought $70 from Harry P. Clark and Son of Quincy.

Durocs also dominated the top-selling boars with Gatrell Duroc Farm of Fairfield selling Red Quality to Clark for $105 and a Cannon boar, Perfect Promoter, going to S. M. Strom of Quincy for $85, while another Haynes animal, Haynes Choice, sold to C. J. Shepard of Chattahoochee for $85.

Largest buyer at the sale was Clark with his purchase including one boar and four open gilts for a total expenditure of $295. McCormick's placing of the sale animals was as follows:

Durocs

Bred Gilts-(First Group): Red Wave Lady 5, Cannon Duroc Farm, Live Oak; Miss Cherry Velvet-putul Duroc Farm, Mayo; Leaders Betty, Cannon; (Second Group): Haynes Choice, T. J. Haynes, O'Brien; Smooth Miss, Haynes.

Open Gilts-(First Group): Red Maiden, Gatrell Duroc Farm, Fairfield; Perfect Promoter, Promoter's Lady, H. V. Dumas, Clarksville; McKeithen's Lassie, Vann E. McKeithen, Wellborn; (Second Group): Royal Girl, Dumas; McKeithen's Lassie 2, McKeithen; McKeithen's Margie, McKeithen; (Third Group):

The Florida Cattlemen
Pens Built At Port Everglades

PEN FACILITIES to simplify exportation of cattle from Florida by ship have been completed recently at Port Everglades, according to R. T. Spangler, manager of the Fort Lauderdale port.

Pens recently completed will have a capacity of at least 700 animals, depending on their size, Spangler reported.

Pens are described as among the most complete in the Southeast, and have been approved by government officials as highly satisfactory for necessary quarantine handling.

Four principal divisions in the pens will make for easy handling of cattle. Water, electricity, and a special shed for government inspections are among the conveniences provided.

The new facilities will make for greater efficiency and economy in handling cattle shipments, according to Spangler. They were completed in mid-summer.

Officials at Port Everglades believe that shipments through the port to Latin America will be speeded considerably by the new pens.

$10,000 Quarter Horse Stud Brought to State

A NEW $10,000 Quarter Horse stud and complete facilities for training, cutting and roping horses are features of the Diamond P Ranch near Zephyrhills, which is being managed by Jack Ray, formerly of Throckmorton, Texas.

Owner of the Diamond P is George J. Pardi of Cincinnati who has been associated for several years with J. Arden Mays of Plant City in Brangus cattle business. In addition to the Quarter Horses, the 230-acre ranch is carrying 100 head of high grade Angus qualified for Brangus production, according to Ray.

The $10,000 stud is Dixie’s Paul, a full brother to Paul A, which, according to Ray, sold to a California breeder for $30,000. Six mares, three of them already bred to Dixie’s Paul, and three open, complete the “band”. One of the mares is qualified as an American Quarter Horse Association Champion, Ray reports.

Ray is training all horses for cutting, and will train horses for the public as well as sell cutting horses.

The Florida State Department of Education reports that a total of 1190 veterans participated in its Institutional On-The-Farm Training Program during 1953.

Of this total, 662 were land owners, 349 rented and 119 sharecropped.

For further information write
R. T. Spangler, Manager, Port Everglades,
Fort Lauderdale, Florida

NEW, MODERN CATTLE PENS AT PORT EVERGLADES
FT. LAUDERDALE, FLORIDA

Cattle pens to hold 700 animals have been completed at Port Everglades as a needed service to Central and South America, and the countries of the Caribbean.

They have been approved by Government officials as highly satisfactory.

They are of heavy wood construction with a corrugated iron roof over the feeding and food storage areas.

Divided into four sections the pens have water, lights, a "squeeze" for Government examination. Loading facilities for shipside, portable pens and ramps, are provided. They have the equipment required for cleaning and disinfecting.

This is a public facility.

For further information write
R. T. Spangler, Manager, Port Everglades,
Fort Lauderdale, Florida

The Florida State Department of Education reports that a total of 1190 veterans participated in its Institutional On-The-Farm Training Program during 1953.

Of this total, 662 were land owners, 349 rented and 119 sharecropped.

for October, 1954
DURING RECENT MONTHS a wide variety of rumors have reached the directors of your FMPA. These rumors have ranged from the resignations of some of the officers to the complete abandonment of the Association. These are not founded on tangible fact. Your Association is not dead. It is very much alive! Your Directors have been meeting and planning for a permanent long-range program for the dairy farmers of Florida.

This bulletin will be the first of a series of monthly bulletins published in The Florida Cattlemna which will try to keep you informed as to what is going on in your business. It is a rapidly expanding business due to the constant influx of new residents to Florida and it will continue to expand for years to come.

Thus it is more important than ever that the dairy farmers of this state have an active association whose principal purpose is the interest of the dairy farmer. Your membership is now due!

FREQUENTLY THE QUESTION is asked, “Why should there be a Florida Milk Producers’ Association? Isn’t there an association which represents the entire Florida dairy industry?”

This is a normal question on the part of those dairy farmers who are not thoroughly acquainted with the history of the milk industry in Florida. What about other farm groups? The American Farm Bureau Federation and its members who grow oats, corn and wheat commercially are not on the board of directors of General Mills and only are very remotely interested in the sale of Wheatears, Cheerios and Cornflakes. Likewise the beef producers and the cattlemen of the country are not equally represented in a trade association which is principally interested in the sale of “Swift’s Premium” or “Armour’s Pride.”

The dairy farmers in Florida have a group of problems that are entirely separate from those of the ice cream manufacturers, the powdered skim milk manufacturers, the cheese and butter manufacturers, of the new frozen desserts, whose main sales appeal is a “cheap” imitation ice cream using vegetable fats instead of butter fats. One of the largest dairy companies in the U.S.A. advertises “Make your own milk at 9 cents per quart with dry powdered skim milk.” It must be remembered that plants are manufacturers—processors—whose profits depend on processing and selling that product.

PROBLEMS OF PRODUCTION are so different from those of processing and sale that there is no common meeting ground on which the two groups can get together with the exception of, “How much is the raw milk going to cost the plants?”

Here in Florida we have the so-called “Milk Commission Law.” Prior to the death of late Governor Don McCarty, he and his brother, John McCarty, both stated that there was nothing that needed amending in the original Milk Commission Law. They stated that the thing that had not been done in connection with this law was the full enforcement and administration of the law. No law is any better or more effective than the will and intent of the enforcing officers.

In the Lake Okeechobee area a few months ago a Miami dairy plant notified its producers that they were “reorganizing and refinancing their operation” and there would be some delay in the payment of milk checks to the producers. Their story was so effective that they managed to get some feed companies to go along with them. This “stall” lasted long enough so that the plant eventually went into bankruptcy and, at the time they went into bankruptcy, they owed approximately $48,000 to producers for milk.

None of this will ever be recovered by the milk producers. The Milk Commission Law provides that if a plant fails to pay a producer the plant loses its license to sell ALL dairy products. The effective enforcement of this law would have saved those dairy farmers $48,000.00.

IT IS TRUE that a lot of dairy farmers feel that their plants are furnishing them regularly with their sole source of income and hesitate to “offend” or give the appearance of not “cooperating” with the plants. This is where an association can do the job for them, can determine the facts and act for them, and, in the instance just cited, would have saved a small number of producers $48,000. It is also true that the Miami market is a “different market” (thank goodness!) The conditions which prevail here are not at the present time usual throughout the entire state of Florida. But Florida is growing rapidly and, if we can learn anything from history, we should learn that it repeats itself.

Another instance is in the Pinellas County market where we hear that a large plant notified its producers that if they do not take one and one-half cents less than the established Milk Commission price per gallon, they could find another market for their milk by August 1, 1954. We feel sure that people did not stop drinking milk August 1 in Pinellas County and that several other plants would welcome the additional sales volume.

This action on the part of the plant would appear to be intended to capitalize on the publicity given the current “recession” and drop in some prices in the north. It also coincides with an “economy” move by the same plant in 11 southern states.

This is contrary to the Milk Commission Law that provides that price changes will be made only after public hearings at which time the plants as well as the producers should show their costs and the need for an increase in price or the necessity of a decrease.

THE ANSWERS to the question, “Why do we need a Florida Milk Producers Association whose membership is limited to dairy farmers, run by dairy farmers, for dairy farmers,” should be obvious.

There are many other cases throughout the state similar to these two mentioned, and with the rapid growth in Florida there will be many more coming up in the near future. An organization such as the FMPA does not spring full-grown over night. Obstacles are constantly placed in its way by those who would benefit from its inactivity, but the greatest obstacle, strangely, comes from the dairy farmers themselves who either hesitate to join or ignore their need for an organization whose sole purpose is their own business.

This is the history of all cooperative-venture organizations. Their opponents depend upon the natural “independence” of the farmer and his reluctance to work in a group, or in organizations of any sort, and it is only over the years and with many painful losses that some farmer groups have finally become educated to the necessity of united action in their own organization.

FOR THOSE OF YOU dairy farmers who are changing over to tank-cooling and storage and tank-truck hauling, it is interesting to note that the West Coast Milk Producers Association of Tampa has purchased a $15,000 hauling unit and is hauling its members’ milk to the plant at a price of a cent and a quarter per gallon. At this price they are making enough money to pay for their unit and show a profit.

BESWICK AND CASTLE, who are bob-tail distributors for Southern Dairies in the Lakeland and Bartow area, recently sent a letter to all the Southern Dairies producers in the Lakeland area charging that they had lost five big wholesale accounts due to discounts given these accounts by Foremost and Velda in that area. This action, if true, is in direct violation of the Milk Commission Law. A copy of this letter from Beswick and Castle has been forwarded to the Milk Commission.

HOW ARE YOUR butterfat tests? We have had several instances where members were testing in Dairy Herd Improvement Associations and the plant tests varied as much as 10 points lower than their average tests in the DHIA. We have arranged check-testing in several places and would be glad to assist in setting this up for FMPA members who might be interested.

THERE HAS BEEN considerable questioning and comment on how the producers’ tax money is being used by the Milk Commission. We hope to report in a later bulletin in detail just how your tax money is being used.

IF YOU HAVE any news items that would be of interest to the dairymen of the state or any questions, please send them on in and we will do our best to run down the answers and publish those stories that will be of interest to the dairy farmers of the State of Florida.

76
STALNAKER BROTHERS
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Imported ........................................ $6.95
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1-1/4 x 9 Galvanized Staples $11.95 per Keg

HOG FENCING

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Snap Corn 2.85

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for October, 1954
Higher Quality Sought
By John E. Thompson through

Bull Selection
for his commercial herds

By visiting the herd, you can judge the adaptability of the cattle. You can judge their hardiness and rustling ability. Look to the cows and judge their milking ability. A beef cow is expected to raise her own calf. Select your bulls from good milking dams.

If you are buying pedigreed purebred bulls, you will have an opportunity to see the dam and sire of the individual in many cases. If possible, take time to look at other offspring of this cow and this bull. If the old bull has sired calves of seriously uneven quality from substantially similar cows, you will do better to avoid his son, regardless of his individuality.

Regularity of breeding is extremely important. You need a calf from each cow nearly every year. Check the number of dry cows in the herd. Unless there is a very good explanation, avoid buying your bulls from any herd that does not have a very high percentage of calf crop. If you are buying a pedigreed bull, ask to see the record of calves produced by the dam.

In some cases you may have an opportunity to see steer calves from the herd being fed out. If you look forward to selling calves or yearlings for grain finishing, you will do well to find out all you can about the feeding-out characteristics of the cattle you plan to buy.

Bull buyers do not have to be reminded of the importance of selecting good individual animals. The factor of individuality is usually uppermost in their minds.

Individuality includes all of the characteristics of an animal that can be determined by visual inspection. Start by taking a good look at your own cow herd. By keeping the good points and the weaknesses of your own cows in mind, you can select bulls to complement the cows. You want to buy bulls which are particularly strong in desirable characteristics in which your cow herd is somewhat weak.

Professor Roscoe Snapp, world renowned authority on beef cattle has said: "Time spent in finding a bull that exactly suits, and the money spent to obtain him, are both well invested and will never be regretted."

Soundness is so important that you wouldn't want a bull on your ranch that was unsound. Again, a purebred breeder is different. He may feel justified in
going to the trouble of hand-breeding an otherwise good bull that was crippled. Sound feet, sound limbs, good eyes, good teeth: these are all things your range bull must have to do his job.

If you will form a habit of inspecting all of the detailed parts of an animal in a systematic manner, you will avoid the possibility of overlooking an important detail, such as blindness, that would make the animal useless for your ranch program.

A good Florida ranch bull should be sound and possess beef type, size, ruggedness, natural muscling, masculinity and breed type. He must be free of disease and guaranteed by the seller to be a breeder.

Beef type can be defined as a harmonious combination of traits in the animal, all contributing to his usefulness as an efficient producer of high quality beef.

The general appearance of such a bull is short and deep-bodied, reasonably low-set and blocky formed, wide chested and square rumped with full quarters. He will have a short neck and a broad head. His topline and bottomline should be straight and parallel to each other. He should be wide—and be equally wide from his shoulders all the way back to his rump.

Size can be overemphasized. If you are satisfied that the animal you are examining has good size for his age and breed, that is enough. Be skeptical, however, of an animal that is smaller than others the same age in the group. If they all had an equal start, he should be just as big. Small size is a hint that the dam may not be a good milker, that the strain may not be well adapted and acclimated to Florida, or that there could be dwarfism in the herd.

Ruggedness is important for range bulls. Any bull should look impressively massive, but a range bull must have the real ability to be up and around. To do this he must have no impairments to his gait. He must look alert and ambitious. If you are looking at a particular bull, watch him walk and run. He should move easily, as if he enjoyed walking—he will have to do plenty when he gets to work on the ranch. To you, this factor influences the breeding efficiency of the bull. Regardless of his blood quality, he must get with the cows, keep with them and actively pursue his job if you are to get calves.

About the Author
The author of this article, John E. Thompson of Chicago, is a Florida cattleman with cattle interests near Okeechobee under the name Thompson Farms of Florida, Inc. He consented to write this article for The Cattlemen after winning our "Know Your Bulls" contest in July.
In ranchwear, it's H BAR C...

In BRAHMA STEERS, the best bred are known by the ample hump, the large pendulous dewlap, the broad thick build, the moderately short straight legs, the whip-like slender tail.

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Natural fleshing is the ability of the animal to lay on meat. It refers to the actual muscle fibers, not to fatness. It determines the amount of lean meat in the carcass and, therefore, the market value of the carcass. Natural fleshing is bred into an animal, you want it in your calves whether you use them as feeders or feeders, so see that your bull has it. You can get a clue to the natural fleshing by the thickness of the muscles over the shoulder and, particularly, the fore-arm.

Masculinity is more than just the attitude and appearance of the bull. It is an important factor to you. Observations by experienced breeders over many years have indicated that bulls with a strong, masculine appearance are more reliable breeders than those that are weak in this respect. You should expect a bull to have a burly look, an extra-developed fore-quarter, a crested, thick neck and rather massive head.

Breed type goes a little beyond just beef type. It means, in short, that the animal should look typical of his breed. An animal is supposed to be an Angus, he should look like an Angus according to the standards established by the breed association.

Buy your bulls from a breeder who will test the animals for T.B., Bang's and Trichomoniasis. The devastation that one diseased bull can bring to your herd is amazing. You are working hard to upgrade your production and don't want your efforts destroyed.

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The seller should guarantee any purebred bull to be a breeder. Make sure this is part of your deal unless you are paying a very low price.

The piney woods have, in the past, produced a poor grade of cattle not suitable for grain feeding. With the elimination of the fever tick, development of mineral supplements, control of parasites and improvement of pastures, things are changing. Florida's naturally mild weather and ample rainfall make the area very promising as a future source of stocker and feeder cattle for shipment to grain feeding areas.

Drought conditions have prevailed over vast areas of the great Southwest for several years. Some observers believe that the "good old days" will never return for the Southwestern ranges. With our growing population and improved standard of living in this country, there will be a continuing demand for feeder calves and yearlings.

Florida ranches like yours and mine can be getting ready now by intelligent upgrading of our herds with carefully selected beef-type bulls.
Rodeo Results Reported

Imokalee's first rodeo drew an overflow crowd of 4000 paid spectators while Okeechobee's drew some 2500 fans to two performances as Floridians braved the heat to see Labor Day rodeos in the two communities.

The Okeechobee event was sponsored as usual by the Okeechobee County Cattlemen's Association, while the show at Imokalee was jointly sponsored by the Fort Myers Shrine Club and the Imokalee Saddle Club.

Parades at both Fort Myers and Imokalee featured the southwest Florida event, with the Fort Myers parade later reproduced in film over Miami's WINK-TV.

Special attractions at Okeechobee included Mildred Murphy of Avon Park and her trained horse, Red Fox, and trick riders Faye Blackstone, Nell Austin and Crissie Kirby.

Winners listed in the order they placed were as follows:

**Imokalee**
- Bronc Riding—Roy Townsend, Odell Cannon, Don Mccord, Jack Hammond; Calf Roping—Jack Albritton (21.0 seconds), Delbert Lowe, Jack Duncan, Carl Roe; Bull Riding—Don McCord, Walter Mann, Delmar Rimes, Jimmy Hall; Bulldogging—Junior Whidden (4.2 seconds), Roland Skipper, Ray Townsend, Duncan; Will Cow Milking—Red Roland and Clem Bell (no other placings);
- Cloverleaf Barrel Race—Dotty Larkin (25.0 seconds), Mona Merle Nobles, Poppy Larkin;
- **Okeechobee**
- Bronc Riding—Roy Townsend, Odell Cannon, Don McCord, Jack Hammond; Calf Roping—Jack Albritton (21.0 seconds), Delbert Lowe, Jack Duncan, Carl Roe; Bull Riding—Don McCord, Walter Mann, Delmar Rimes, Jimmy Hall; Bulldogging—Junior Whidden (4.2 seconds), Roland Skipper, Ray Townsend, Duncan; Will Cow Milking—Red Roland and Clem Bell (no other placings);
- Cloverleaf Barrel Race—Dotty Larkin (25.0 seconds), Mona Merle Nobles, Poppy Larkin;

Champ Donations Made

Donations pledged or received for the Florida Champion Cowboy and Cowgirl Contests are listed below:

- Champion Cowboy—The P. D. Q. Company, Lakeland $100, Jackson Grain Company, Tampa $100, Security Mills of Tampa, Inc. $100, Bona Allen Saddle Company, Buford, Georgia (saddle); Mrs. Helen Mills, Chiefland (shirt);
- Champion Cowgirl—Bona Allen Saddle Company (saddle); Herber's, Kissimmee (blanket); Persons, Kissimmee (hat); A-IH Grocery and Kissimmee Dry Cleaners (boots); Bud Clemens, Kissimmee (shirt); Bud and Louise Mafford, Kissimmee (triple buckle); Lingle's Saddle Shop, Kissimmee (inlaid bell); Okeechobee County Sheriff's Department, Kissimmee (Transit-Mix Company, Kissimmee Livestock Market (cash); Hub Hubbard, Ocala (shirt); Mr. and Mrs. Jimmy Breslin, Ocala (hat); Mrs. Helen Mills, Chiefland (shirt).
Horsemen Enjoy New ‘Polo’

by A. W. Essinger

Using the native palmetto stalk as a mallet, the familiar rubber beach ball, a field zoned with shavings, and the basic rules suggested by a member, the Smyrna Beach Saddle Club of New Smyrna Beach, Florida, started playing a game they called Palmetto Polo.

With five players to a team, and each player confined to a section and guarded by a rider of the opposing force, the game brought out the skill of the rider and ability of the horse. Spectators, stopping from curiosity, stayed to cheer. Neighboring saddle clubs formed teams. It was fun, but it stayed just that, “fun”, to the local boys.

Then Florida’s own sport became a game of the nation, as teams sprang up all over the country. In lieu of the cabbage palm, mallets were constructed of bamboo with rubber ends or broom handle with plywood tips, some lighter and some heavier than the original palm. Balls of the volley and basketball type were used but the rules copyrighted by the Smyrna Beach Saddle Club remained the same.

Though being played by clubs from Maine to Oregon, it was the cowboys of the big cattle state of Texas that took it to their hearts and quickly organized more active playing teams than in the mother state. They planned tournaments and began to talk of forming leagues.

A group of these players, the Dickens County Sheriff’s Posse of Spur, accepted the invitation of the Smyrna Club to play during March 1954 in the Cowpony Frolics, an annual event of that club, transporting twelve horses and riders into Florida for the three days festivities.

Playing with that “glued to the saddle look” and the cooperation of a smooth football squad, they left the Florida players, to their chagrin, with the trailing end of the score and the realization that the game they had originated for an afternoon of amusement could be, with practice and teamwork, one of the finest of sports.

Out of this came the first glimmer of the possibilities of a great and greater demand for the animal whose place in man’s scheme of life had been superceded a generation ago by the automobile.

The “butcher, the baker and the candlestick maker” who since childhood years had harbored a secret yearning to be cowboys, bought horses, joined a riding club, and began to whack a ball around. There at last was a need for a horse—something that didn’t make him feel a little foolish to own one.
Palmetto polo is catching on faster in Texas than in its mother state, and A. W. Eslinger of New Smyrna Beach, writer of the accompanying articles, thinks Floridians should begin pushing it more. These photos show: Top, left to right, Jack Sapp, Clyde Hart, Ed Eslinger and Don Massey cutting their own sticks from a cabbage palm; Center, Eugene O'Reilly, coach, left, trimming his stick, as referee Clifford Clinton tapes the small end for a handle; Bottom, New Smyrna Beach competing with a Texas team for the national championship—won by the Texans.

Local cowboys, also, found the relaxation and competition that is necessary to give any sport appeal. The working and drugstore cowboy are meeting on a common ground but while Texas is coming alive and viewing with interest the continued cropping up of teams in every section of the nation—in agricultural colleges and boys' schools, the sunny south naps.

The game that is Florida's own is taking on a western air, though local cow ponies adapted to year around warm weather—lighter, quicker, and surefooted—can and do fit into this sport with ease.

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With Florida Kowbelles Pays a Visit to

The McCartys of Fort Pierce

by Ethel Hales Stancil

Mrs. Olie B. McCarty, wife of our late governor, Dan McCarty, of Ft. Pierce, has had much adjusting to do in the past year.

In the spring of 1953 the McCartys sold their home on the Indian River, planning to build in a grove nearer the ranch, when Dan's term as governor ended in 1956. The premature death of Dan soon after he took office caused the family to leave the governor's mansion in Tallahassee and return to Ft. Pierce, in October, with heavy and saddened hearts.

The first project of the family was to build a new home. Mrs. McCarty selected a site in town near the school, for convenience, and moved in with her three children and her mother.

The Circle M Ranch is jointly owned by all the McCarty's: Mrs. Dan McCarty and her three children: Dan, Jr., 12, Mike, 7, and Frances Lela, 6; Mr. and Mrs. (Gladyis) Brian McCarty and children: Barbara, 12, Mary, 10, and Mac, 7; Mr. and Mrs. "(Sis", Louise) John McCarty and John Jr., 11; Mr. and Mrs. (Evelyn) W. D. Stark and Billy, Jr., 10.

The ranch is located about 15 miles from Ft. Pierce, but to Mrs. McCarty and her children it is but a short, though nostalgic and familiar ride, through St. Lucie County's beautiful citrus country. Dan, Jr., and Mike like it best early in the morning, with dew still on the orange blossoms, the sun not quite up, on their way to a duck hunt, but Lee and her mother like it best at sunset.

The children never cease to ask to go out to the ranch and "saddle up" or just ride out there and enjoy the quiet and Mother Nature's beauty. The favorite time is after going to Sunday school church and having dinner. The family
(Continued on page 89)

For the Kowbelles

RALPH SAYS the expression "busy as a bee" might be changed, with equal accuracy, to "busy as a duck".

We have three baby ducks. (Most of the eggs our two hens set on were infertile.) A pen outside has been prepared for them, complete with feed box, water trough and swimming pool (a basin buried so that its rim is level with the ground). They should be happy in it—but they aren't. They'd rather go chasing bugs, their noses pointed groundward, and snapping grass, twitching their tails and flapping their wings, while on tip toe like elegant personalities.

We named the three Tom, Dick and Harry. One of the children ventured, "But if some of them are girl ducks?" I reasoned that we might change Tom to Tomasaena, Harry to Harrietta, and Dick to Dickasa—or, how would you change the names to fit "girl" ducks?

RENN GAVE her baby opossum his freedom. She found a comfortable hollow log and turned him loose in it. (The spot was near where, a few days before, the dogs had discovered a mother opossum with three newborn babies in her pocket. We miss the little rascally darlings but are sure he is happier.)

We LIKE pear pies. (Grate the peeled pears, add sugar, about 3/4 cup to 2 1/2 or 3 cups pears, add spice and pour into a crust. Dot with butter. Top with a second crust. Bake. Yummy! Better'n apple pie, and more Florida-ic.) I prepared several quarts for the freezer. I simply grated the raw pears, mixed them with sugar and prepared ascorbic acid product to prevent discoloration (lemon juice would have done as well). Now we can enjoy fresh pear pies in December.

AREN'T real neighbors heavenly? When I was too busy, working in tobacco, to freeze any of our field peas, Mrs. Goodyear not only shelled two big batches of peas for me but packaged them for the freezer.

AT LAST we have periwinkles and marigolds growing around our front porch where heretofore all plants refused to thrive—because of lime deposits left there when the porch was built. I rather like periwinkles. Perhaps my affection goes back to childhood when several beds of them kept our yard aglow throughout the summer and fall. Besides the usual varieties we had one white which boasted red centers.

HAVE YOU noticed the miniature tractors, complete with bottom plow, disc, trailer, etc., for sale by many tractor dealers? They are unusually sturdy and moderately priced (to advertise!) and certainly appeal to the youngsters.

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Florida Agricultural Service
Box 1429, Phone 8632, PLANT CITY, FLA.

87
Your Vet Says:

Physics For Cows Is Danger

The other day an owner told us that he had drenched a cow with a couple of pounds of epsom salts because she had suddenly stopped eating and appeared constipated. What’s more, he told us after we reached the farm to do a post mortem in order to find out what had killed the cow. When we opened her up we found a wire had pierced the stomach and entered her heart. Many times each year we come across cases where various kinds of “physics” have been given sick cattle when laxatives didn’t have a chance of helping them. In some cases such treatment has a chance of actually making them worse. A few examples will show what we mean.

Once it was a high-producing dairy cow that stopped eating, appeared constipated and started to dry up. Her trouble was finally discovered to be actonemia, a disease requiring treatment aimed at increasing the amount of sugar in the blood.

An apparently constipated cow was responsible for the most badly scared owner that we ever saw. After watching her strain and try to pass manure, he finally drenched her with mineral oil, getting one hand badly scratched and smeared with saliva while doing the job. The scare came when he found out that the animal had rabies.

Pyelonephritis or kidney infection is another trouble that is often mistaken for constipation in cattle. Treatment consists of using something to kill the germs in the urinary system instead of flushing out the digestive tract with a laxative. There are troubles other than diseases which can make cattle appear constipated, too.

Once it was a steer that stopped eating and stood around in the feed lot so it was thought to be “bound up.” However, it was found to be suffering from bladder stones that prevented urination.

At another time it was a cow with a split and painful back hoof that kept her from eating.

Now don’t get us wrong, for cattle are subject to constipation and often do get “bound up” with straw and corn fodder and coarse hay and similar feeds so they need some kind of a laxative. What we’re trying to point out is the fact that it’s sometimes pretty hard to decide just when they need ‘em, since a large number of entirely different troubles can cause the same symptoms. With this in mind, you’ll probably do well to talk things over with your veterinarian whenever there’s doubt.
Are You?

Yes, we’re talking about minerals. Are you taking advantage of the research work, done with YOUR dollars, at experiment stations in Florida and elsewhere? Are you making the right kind of mineral mixture available to your cattle all the time. Maxcy’s Range Mineral is time-tested. It’s doing a real job for your neighbor. How about YOU? We welcome your inquiry.

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MONDAY—Cattle only 
TUESDAY—Hogs, horses and mules 
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FENCE POST CO., INC.

Phone 5171 
WAUCHULA, FLORIDA

Kowbelles

(Continued from page 81)

picks a picnic lunch, piles into the station wagon and usually joins the other McCartys at the ranch house.

There is a jeep ride through the pastures to look for baby calves. What a thrill the children get when they see a new little fellow straying close to his mammy, but looking out on a big new world, wobbling on his long legs. Sometimes the families play a game, trying to think of somebody each cow looks like.

If there is still time they hunt up the cane poles and do a little bream fishing on the canal bank. If lucky, there is fish to go with the potato salad in the picnic basket, ‘come supper. If not, the family has enjoyed a good time anyhow.

Roundup time is the most fun of all, so the boys say. The older children are allowed to help with the marking and branding in the corral. The little ones sit on the fence, with their mamas and watch. At meal time all join to eat barbecued spareribs cooked on the campfire. Nothing in the way of food is ever tastier to the small fry! Or bigger fry!

It is easy to see that Mrs. McCarty is carrying out Dan’s wishes, in trying to teach the children a real love for the soil. With the aptitude they show, I am sure they are acquiring such a love.

Mrs. McCarty’s hope is that the children will live up to the wonderful heritage left them by their father.

New houses are vastly fascinating. Next month I am going to take you with me through the McCarty home, which is charmingly lovable and liveable.

Permission Needed...

HELEN (MRS. E. REED) WHITTLE OF WINTER PARK

sent me an amusing clipping called “The Cow” for reproduction here. She neglected to say who should have credit for the piece, however, and consequently I have no way to secure permission to use it.

Please do send me bits for our page, but if they are not original let me know where they appeared so I can obtain the right to use them.

Coupons Received

SOMETIMES I am very much interested in coupons which offer free or inexpensive premiums. Bless Mrs. Bill Chambers of Orlando. She sent me a whole batch of them.

The Bill Chambers, by the way, (remember the visit with their twins, Billy and Colby Ann in June) have another son, James Burney II. They are building a new home with three bedrooms and three baths! Kowbelle Audrey is all excited (and who wouldn’t be?) over the new washer, dryer, attic and kitchen fans, and dishwasher going in.

Roping Problems Solved!!

With a new “Saddle Collar” built of top-grain cowhide!

These brand new government surplus SADDLE COLLABS are used to prevent saddles from slipping when roping steers and calves. Government acquisition cost on each collar was $16.45 . . . our price is only $3.95 each. C. O. D.; Florida orders plus sales tax. We give quantity discounts.

Army Salvage Co.

6160 N. W. 97th Avenue
Phone 65-4533
MIAMI 47, FLORIDA

It’s Possible

To maintain top-quality pasture the year-round . . .

Fertilizers and trace element application adjusted to the requirements of your own soils make it possible for you to maintain high protein pastures through the year. Contact

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BELLE GLADE, FLORIDA
What's in Our Future?

Despite these benefits from low prices, however, there remains the inescapable fact that many cattlemen are actually operating in the red. Obviously this cannot continue indefinitely. What, then, of the future?

1955 was pictured as the year when beef numbers would turn downward, and from slaughter reports this appears to be true.

Week after week during 1954 the government statistics on slaughter of cattle and calves have shown an increase in poundage over 1953's record slaughter. And the slaughter of "she stuff", which directly affects cow numbers, has risen even more sharply.

No one knows, of course, how much the cattle inventory must drop before prices will start back up, but it has been estimated that a decline of 10 percent may bring cow herds back into balance with population. Another year of heavy slaughter might do it.

No sharp price increases should be expected even then, however. Virtually all production will probably be sold for several years before cow numbers again begin increasing, with a consequent decrease in slaughter that may substantially increase beef prices.

Cattlemen should plan on further tightening their management practices and continued improvement in the quality of their herds. But the worst should be over by the end of 1955.

Are They Eating It Up?

Ever since beef prices began skidding two years ago all four of these groups have been making efforts to promote beef—and as one cattlemens said the other day, "I hate to think what the price of cattle might be now if we hadn't had our 'Eat More Beef' program."

Fortunately for the cattle industry, beef is the most popular meat with Americans—and it is possible that the scarcity and high prices which prevailed in the late '40s and early '50s stimulated an even greater desire for beef on the part of the public. At any rate, the beef is being eaten at a record rate, whatever factors may be involved.

Floridians may well be pleased with the results of the Florida Cattlemen's Association program. Small as it is, it has effectively helped in reaching the public with the twin themes that (1) beef is cheap, and (2) beef is healthful.

Have you done your part?

The Florida Cattlemen