CATTLEMAN Livestock Journal

In this issue:
- Feeders Sell 3 Cents Higher
- Beef Council Holds Meet; 450 Respond
- Fall Fairs Are Slated
- West Florida is Growing Stock Area
- Suwannee Hog Show Is Set

OCTOBER NINETEEN FIFTY-FIVE
There's a bonus in your beef

Beef up your profits!
Security Range Nuggets help you get that extra beef. These nutritious, easy to feed cubes supply protein and minerals lacking in range in a readily digestible form.

So, Security Range Nuggets help you cut winter weight losses ... give you a head start towards the profitable gains that spell a bonus.

If you haven't fed this better feed before, why not give it a try? See the Security branch or mill nearest you today.

Security Mills, Inc.
TAMPA • KNOXVILLE • JACKSONVILLE

Security Feed & Seed Co.
MIAMI • PALATKA • ORLANDO • OCALA, FLA. • THOMASVILLE, GA.

SECURITY RANGE NUGGETS
for bonus beef
The FCA Reports...

PANAMA CITY will be the site of the 1955 FCA Annual Meeting November 8-10 and a good program of entertainment is being planned by the sponsoring local associations—the West Florida group, including Bay, Franklin, Liberty, Gulf and Calhoun Counties, and the Washington County association. Incidentally the West Florida association is FCA's youngest affiliate, while the Washington County group is one of the oldest in the state as well as the largest.

BEEF SLAUGHTER IN FLORIDA remains high. According to Dr. R. V. Rafnel, cattle slaughtered under state inspection numbered 27,201 during August, compared to 19,212 a year ago. Comparable figures for calves were 2908 and 3186, down slightly, while for swine the figures were 28,108 and 21,394.

FLORIDA BEEF COUNCIL was to complete organization September 22, reports Maurice Hollins of Crystal River, chairman of FCA's committee to organize such a group. Hundreds of Florida cattlemen, however, have already responded to FCA's request that they allow packers and auction markets to make a 10 percent deduction for use by the Florida Beef Council in promoting beef consumption. See list by counties on page 80 in this issue.

FIRST CONTRIBUTION for Florida Beef Council came from W. D. Roberts of Immokalee, who sent in his check for 10 cents per head for a large shipment of cattle which went out of the state.

PRICES WERE HIGHER, as of August 15, than they were a year ago, according to USDA. Beef cattle were bringing $10.60, up from 1954's $10.30, but down from July's $10.60 as is usual this time of year. Veal calves were substantially higher, contrary to the usual seasonal trend, bringing $13.50, a whopping increase over 1954's $11.70, and slightly more than the $13.40 they were bringing in July. Swine were down 25 percent—from $20.90 a year ago to $15.40 this year.

COOKING SCHOOLS sponsored by the National Live Stock and Meat Board will include at least one in an unnamed Florida city, according to a recent news release. Beef, veal, pork and lamb recipes are featured, and each school lasts four days.

TWO SOUTHERN PACKERS received 50,000-pound contracts for frozen carcass beef from USDA in late August for shipment to Greece under the International Cooperation Administration program. At $26.13 per hundred, Bryan Brothers of West Point, Mississippi, were the low bidders in the nation. Shapiro Packing Company of Augusta, Georgia, bid $26.77 per hundred.

LESS FORAGE is available in Florida this year than last, in contrast to the situation in other southern states, according to the Federal Reserve Bank of Atlanta. No explanation was given for Florida's drop of more than 12 percent while other states showed gains of up to 22 percent.

OTHER NEWS OF THE INDUSTRY: Federally inspected slaughter of beef was up, veal slightly down, and pork up considerably for the week ending August 27, compared with a year ago; Record-breaking attendance is predicted at the American National Convention in New Orleans next January; Newest American National affiliate is the Maryland Beef Cattle Producers, Inc.; USDA Agriculture Handbook No. 83, now available, charts the seasonal market for beef animals; Mexican imports dropped from 96,154 head in January to 6771 in May, according to USDA.
A good calf is more than Hay

Newborn calves consist mainly of bone, muscle, tissue, hide and hair—all high in protein and minerals. These are the nutrients often lacking in winter range roughages.

It's one reason why experienced cattlemen have learned to rely on the supplemental benefits of Larro SureCattle 32 for bigger calf crops and heavier calves—year after year. They know that the most profitable calving performance—like fast gains on growing stock—can't come from roughage alone.

Larro SureCattle 32 is specifically formulated to condition your cows for calving. It supplies skillfully blended proteins from multiple sources—plus special high-energy nutrients and Larromin, a complete mineral blend that guards against any danger of mineral deficiency.

Results on the range speak for themselves: more calves, heavier calves, more profits.

FOR FEEDLOT—Now, Larro SureCattle 32 for fattening cattle contains a new "high level" of Stilbestrol which cuts feeding costs. You feed only 1.5 lb. of SureCattle 32 per head daily to get the recommended 10 mg. level. This new feed combines Larro's top-performance nutrients with Stilbestrol to assure maximum benefits of both.

105 LBS. MORE CALF WEIGHT PER COW! That's the increase shown in California trials from supplement feeding. Pregnancy rate: 90.8% compared with 76.6%.

In Larro tests, first-calf heifers on 1 lb. SureCattle and 17 lb. low-value roughage daily, gained 150 lbs. each in 5 months. Their calves averaged 80 lbs. at birth.
Unquestionably the finest mechanical silage-digging machine made!

"The Ensiloader"

exclusively represented in Florida by
Peninsular Sales & Service

The Oswalt Model TR-14A Ensiloader is shown in this photo loading corn silage at the rate of 1,500 pounds per minute.

Mechanizes the Digging and Loading
Of Silage from Trench Silos

- REDUCES LABOR
- MIXES SUPPLEMENT EASILY
- MIXES IN TOP SPOILAGE
- SAVES FEED TRUCK TIME

Peninsular Sales & Service
Lee Graves, Manager, Office Phone TI Iden 6-8201, Residence TI Iden 6-6584
Kissimmee, Florida

With our private plane service, we're as close as your phone.

Editor's Desk

Practice What You Preach;
Eat More Beef Yourself!

Astatula

There has been a great deal of concern among cattlemen about promoting the beef industry.

I believe we, as cattlemen, should start the ball rolling at home. It is quite amusing to be among cattlemen when this subject is being discussed: then go to a restaurant and see everyone order chicken, fish, pork, or some other meat product besides beef.

In the past year I have been to a few purebred cattle sales where lunch was served. What was the meat served? Barbecued chicken or pork!

Next time you have some friends in for dinner, or eat out yourself, be sure you eat beef!

Ralph Alberding
Emerald Acres Ranch

Mr. Alberding's point is mighty well taken, even though the usual excuse is: "We eat lots of beef at home."

Auction Sales Up, Slaughter Down,
So V. T. Oxer Asks: "How Come?"

Venus

I note in the FCA Reports of the September issue that...Florida was down (about) five percent in July this year in slaughter.

According to the USDA Florida Area Weekly Livestock Market Summary, market sales were much heavier this year than last: July 1954, 21,845 cattle, 12,181 calves; July 1955, 25,631 cattle, 12,871 calves.

Where did all those extra cattle go?

V. T. Oxer

Perhaps others wonder why auction sales figures don't jibe with slaughter figures—but, of course, all cattle sold at auction don't necessarily go to slaughter, and, in addition, our state slaughter figures received from Dr. R. V. Ralph each month include only cattle, calves and swine butchered under state inspection. Several federally inspected plants aren't included in these figures. The market sales figures and the slaughter figures cannot be compared.
SOUTHERN CATTLEMEN...

This is no year to try feeding short-cuts...

by Blake Pullen, Manager, Livestock Chows Sales

LOTS of grain, lots of hay, lots of silage. That's the story everywhere I go in the South. It's selling cheap, too... selling so cheap that it's a big temptation to ignore everything we've learned about the cattle feeding and feed it straight; without the proper supplements. Well, here's something about good cattle nutrition: It actually becomes more important than ever when margins narrow down.

Take your mother cows, for example. Rough them through the winter and you can wind up with short calf crops, scrawny calves, poor cow condition, poor cleaning, breeding trouble. No room for profit here, for those calves are your only dividend on a cow herd investment. It takes the best kind of feeding and management at our command to make a calf crop like every cattleman wants—big husky calves that are up on their feet and off to a money-making start just a few minutes after they're dropped. Then keep them going to early market at a heavy weight, and high grade by putting them on a sound creep-feeding program of your grain and our supplements.

The same principle of nutrition applies to dry-lot feeding. A poor job of feeding always ends up costing you just as much or more than the very best.

Yes, as usual, some cattlemen will make money this year. Good money. I can tell you right now the kind of fellow who will show the best profit:

He'll take advantage of every proved profit opportunity.

He'll make the most out of his own grain, pasture and roughage.

He'll take care of his cow herd in the very best way he knows how.

He'll use every bit of information he can get from cattle research work.

We at Purina invite you to take advantage of our many years of research in cattle feeding. You can do this by feeding from the Checkerboard Bag. Our feeding program is built to fit your needs... whatever you have in the way of grains and roughages and whatever type livestock you feed, we have a research-backed product to help you do a better job. Your Purina Dealer is the man to see about this. Ask him to show you research results on Purina Range Checkers and Purina Steer Fatena. Or better yet, ask him to tell you how these two Purina Chows have helped make money for cattlemen you know in your community.

Nail down your winter feed costs by booking at your Purina Dealer's now. See him today.

Choice of the dry-lot feeders is Steer Fatena, famous for big daily gains, low-cost gains. Available this fall with or without stilbestrol.

Brood cows need help with their big job of building and feeding a calf every year. Purina Range Checkers were made to do this very job.

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

for October, 1955
GROW thick nutritious pangola grass with

TRIANGLE BRAND COPPER SULPHATE

Grow thick, nutritious Pangola Grass with TRIANGLE BRAND COPPER SULPHATE in your fertilizer.

Progressive cattlemen have found Copper Sulphate essential to the successful growth of Pangola grass and all kinds of clover and legumes. Because Florida soils are low in trace elements applications of Copper Sulphate are necessary to help correct this deficiency.

Triangle Brand Copper Sulphate is a preferred soil nutrient because of—

EASE OF HANDLING — it is not as dusty as other products being used.

EASE OF APPLICATION — after being added to the fertilizer it is simply broadcast on the range.

LESS EXPENSIVE — in the long run it is more economical because of its superior effectiveness. Copper Sulphate is applied at the rate of 10 to 60 pounds per acre at time of planting and 15 to 20 pounds per acre at subsequent periods, depending upon the amount of available copper left in the soil.

Other important uses of TRIANGLE BRAND COPPER SULPHATE

- It controls POND SCUM and ALGAE in waters on your property.
- Used to treat fence posts, it prevents decay and termite damage.

Write today for informative literature on these two uses of Triangle Copper Sulphate.

PHELPS DODGE REFINING CORP.
300 PARK AVENUE • NEW YORK 22, N.Y.

HiHat Ranch near Sarasota believes in regular dipping. Shown in this photograph by Bill Copeland are Floyd and Richard Lowe and Jack Cook, HiHat workers.

we would be interested in making loans in (that country).

I wondered how your magazine ever got that far from home, but I think I have the answer. A few days after receiving the letter, I happened to be talking to a friend of mine who has been working for the U. S. government in Bangkok...He told me he was a subscriber...and that he presumes someone saw the magazine in his office...

Just thought you might be interested in knowing that your magazine does get around.

R. T. Tucker
Tucker and Branham

We appreciate this interesting item.

Surprisingly enough, there are 75 or so copies mailed each month outside of the continental United States. Cuba leads with 24, with Colombia and Australia tied with 13 copies apiece each month. Copies go to three American possessions overseas—Canal Zone, Hawaii and Puerto Rico—and to 14 other countries: Costa Rica, Dominican Republic, Ecuador, Guatemala, Panama, Philippines, Venezuela, French West Africa, Bahamas, British Guiana, British Honduras, Jamaica, Yugoslavia, and Canada. A note from a foreign subscriber is below:

Cuban Subscriber Wants

3/4 Hereford, 1/4 Brahman Crosses

Apeadero Cayojo, Cuba

...I would appreciate very much if you would send me the name and address of a Florida cattlemen who would have for sale some good bulls of 3/4 Hereford, 1/4 Brahman cross breeding.

Pablo de la Llama

Anyone knowing where Sr. de la Llama

The Florida Cattlemalin
SEEN MABEL LATELY? SHE’S THE PICTURE OF HEALTH. NEVER BEEN IN BETTER SHAPE FOR THE WINTER — EVEN THOUGH SHE’S CARRYING A CALF.

WELL, SHE SHOULD BE IN GOOD CONDITION. SHE’S BEEN EATING VIT-L-TONE MINERAL SUPPLEMENT EVERYDAY!

X-CEL VIT-L-TONE the high-phosphorus fortified mineral supplement

No, this isn’t just “back fence gossip” . . . VIT-L-TONE mineral supplement will help keep your cows in top shape . . . bring them through the winter in peak condition . . . help them drop sturdier, healthier calves next spring.

VIT-L-TONE provides high phosphorus (10%) and calcium (21%) in the right ratio, trace elements, Vitamin D and other vitamins for building stamina and health. Its palatability assures that your herd will consume enough of these essential vitamins and minerals which are lacking in sparse winter pasture . . . also assures proper utilization of pasture and supplemental feed at a time when unborn calves make greatest demands on the mother.

Florida range experience has proved that VIT-L-TONE mineral supplement returns many times its cost in improved quality, increased weight, and higher profits. Put VIT-L-TONE in your mineral boxes today!

JACKSON GRAIN COMPANY
TAMPA, FLORIDA


for October, 1955
He SELLS for YOU …from Sandy Hook to San Diego!

Swift salesmen on the “red wagon route” blanket the country … it’s their selling that keeps us buying what you produce.

Livestock production is the backbone of the livestock and meat industry … but, another very important part is effective selling of products we produce from your livestock.

How the salesmen sell those products governs what the meat packer can bid for your livestock or other agricultural products. Every week, more than 5,000 Swift salesmen in the familiar red cars call on most of the retail stores, restaurants and hotels selling your products and ours. They travel sixty million miles a year with the all important thought in mind—find the best markets.

Some salesmen may sell on an 800-mile route; others, in large cities, may do their selling in a mile square area. In Alaska, Swift salesmen cover their routes by plane.

These salesmen might be called your “hired hands.” They are more than “order takers”; they know each retailer’s likes and dislikes, resulting from consumer preferences. They actually help promote the sale of products by supplying retailers with posters and displays, encouraging consumers to buy. They make sure that the retailer is not overstocked, nor out of stock. They have ready ideas and materials to put on “all out” meat promotions, such as Swift’s Martha Logan cooking schools.

When it becomes necessary for farmers and ranchers to market large supplies of livestock, Swift salesmen immediately start pushing the products in greatest supply … finding new customers and helping regular customers sell more.

Along Swift’s “red wagon route,” refrigerated cars and trucks move meat and other products you produce from where it is to where it isn’t. Swift salesmen carry on the cycle which starts on your farms and ranches—always seeking the best possible price to assure the best price for the livestock and other agricultural products we buy from you.

Tom Slagel
AGRICULTURAL RESEARCH DEPARTMENT
SWIFT & COMPANY
UNION STOCK YARDS - CHICAGO
'Your cows need Ful-O-Pep's added nutritional strength to build sound, sturdy calves!

CONDITIONS YOUR COWS
The body condition of a cow throughout gestation helps determine the size and strength of her calf. That's why highly fortified Ful-O-Pep Range Cubes are so important to your cows ... they develop rugged body condition and healthy calving condition. Yes, Ful-O-Pep Range Cubes help build big calves that live ... healthy calves that grow fast. And your cows breed back with little trouble.

BOOSTS FEEDING EFFICIENCY
Highly-fortified Ful-O-Pep Range Cubes are carefully formulated to help you get top feeding efficiency from your dry grass or other roughage ... to do as much as a feed can to insure you a good, healthy calf from each cow. Yes, Ful-O-Pep Range Cubes give your cows the added nutritional strength they need to build strong calves and supply them with plenty of milk.

Be ahead! Feed Ful-O-Pep!

See your Ful-O-Pep man!

for October, 1955
West Florida cattlemen can well be proud of the progress they have made in establishing their area as an important cattle-producing center.

And we are proud to have cooperated in this fine growth through our Cartledge Fertilizer Company Division, Cottondale, which is thoroughly equipped to service West Florida's fast-growing cattle-and-pasture needs.

Alfalfa is among the pasture crops of value to West Florida. Late October to early November is the time to plant alfalfa. Also clover, lupin, oats, rye, fescue, and rescue grass. For deferred grazing during the winter, Pangola and Coastal Bermuda should be fertilized during October.

Contact your Wilson & Toomer representative now and he will help you plan maximum cattle care at minimum cost.

Illinoisan Interested in Bulk Feed And Fertilizer Business in Florida

Heyworth, Illinois

I am interested in going into the bulk feed and fertilizer business in Florida (and) am trying to decide where to locate.

On page 48 of your June issue I saw that 90 percent of the cattle are in 49 counties. I would like to know where the biggest group of these counties is located... Also would like to know if the feeding operations are grouped to any extent...

Daniel J. Hanley

We've written Mr. Hanley that Florida's "cow counties" are largely located in the peninsular part of Florida, and that Gadsden, Hillsborough and Palm Beach counties contain concentrations of feed lots. Of course Florida's largest feeder Triple E Ranch in Osceola County.

Florida's Cattle Future Main Reason for Oklahoman Moving

Ocala

...You may be interested to know that I came to Florida some five or six years ago from Oklahoma. The reasons were many, but the great future which lies ahead for the cattle industry in Florida was at the top. May the cattle industry progress rapidly, yet correctly.

Bob L. Cude
Kimichi Ranch

Doane Adds Additional Man to Florida Staff

Lake Wales

The Florida Area Office (takes pleasure in announcing) the appointment of Mr. Elmer G. Close to its management staff.

Mr. Close is a graduate in agriculture from the University of Florida, having an MA degree in farm management from the same institution. (Since) his graduation he has had considerable experience in ranch and grove work in Florida...

Robert C. Proctor, Manager
Doane Agricultural Service

Tudor Plans to Be Broker Of Santa Gertrudis Cattle

Sarasota

(I've) been asked by several people to start a brokerage, selling mostly Santa Gertrudis cattle (since leaving Palmer Ranch in August). I have some very good cattle listed now, and at prices that will sell them. Will list some good dairy stock while I am up North...

C. E. Tudor

Our best wishes to Mr. Tudor in his new venture. He's done well with...
Resembling a rubber-tired flatcar, except much larger, is this "Tree Crasher", manufactured by R. G. LeTourneau, Inc., of Longview, Texas, and now owned by Handley Construction Company of Pahokee. LeTourneau is shown in foreground.

Palmer's fine Santa Gertrudis show herd for several years.

Reader Wants Article on Horse Nutrition

Jacksonville

...When will you run some more articles on the nutritional problems of our equine friends in Florida? I know that the horse industry will never be as great as it was, but don't you wish that the Experiment Station boys would do some research on this phase of livestock nutrition? I do!

Mariann Sommers

[Might one of the experimenters will read this!]

Blackstrap Supply Unfailing, Burgner Points Out

Fellsmere

In view of the fact that times are definitely changing, the following facts seem pertinent: (1) Burgner Molasses Company has available an unfailing supply of Blackstrap Molasses; (2) Price-wise the market has been very steady for a number of years—any changes have been in fractions averaging a differential of 86 cents per ton; (3) Our delivery service is on an around-the-clock and 365-day a year basis; (4) We have the mechanical equipment and know-how to solve the problems sometimes involved in the feeding and distribution of molasses—as well as the problems encountered in ensiling... 

Burgner Molasses Company

New Product Guarantees Extended Protection Against Horseflies, Deerflies

Gainesville

We are very pleased to announce that we are now marketing a new product called Thoxy (which) will be of interest to cattlemen in Florida, and particularly to dairy cattlemen, because it is the first product that we have ever produced that we have enough confidence in to guarantee that it will give results

for October, 1955

FLY FLAKES

The Original, Most Popular (DRY BAIT)

Fly Killer in History

- Simply Scatter Around - Tried and Proven
- No Dusting, No Spraying - No Muss
- Nothing to Mix - Accept No Substitutes

Manufactured by

FLORIDA AGRICULTURAL SUPPLY COMPANY

DIVISION OF WILSON & TOOMER FERTILIZER CO.

JACKSONVILLE, FLORIDA

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

* Trade Mark Property of Wilson & Toomer Fertilizer Co.
MATHEWSON FARM, Rayle, Georgia—This beautiful, rolling 1000-acre farm in Oglethorpe County, is a good example of what a systematic plan to fight soil erosion can accomplish. Mr. Edge Thomas, superintendent of the farm, seen above with one of 15 purebred Angus being used for herd building, is a former soil conservationist. Six years ago a program of rebuilding the eroded land was started by the late John J. Wilkins, Jr. Today there are 500 acres of pasture and water ponds where gulleys once gaped. For winter and spring grazing, rye, oats and crimson clover are used. About the middle of April cattle are taken off and a crop of seed is harvested; then brown top millet is planted for grazing, seed or hay. Millet and rye grass seed are also sold as cash crops. Dallis, lespedeza, common Bermuda, white Dutch and Eileenmere blood lines. The entire farm is under fence, most of which has three strands of barbed wire at the top.

It’s much easier to stop erosion than rust. That is why it always pays to buy fencing that is double-guarded against rust. Dixisteel Fence is made from copper-bearing steel that fights rust from the inside out, and has a skin-tight jacket of zinc galvanizing to ward off attacks of corrosion and rust from the outside. You can count on Dixisteel Fence to stretch tight, go up right, to give you long years of real satisfaction. Be sure to look for the name Dixisteel on every roll of fence you buy.

New Second Lieutenant Peggy Hoyt, WAC, of Fort Lauderdale hopes to be assigned to the Veterinary Corps. She was a 1953 graduate at the University of Florida.

against horses and deerflies for extended periods of time.

As you probably know, there is no material that is safe to use on dairy cattle except Pyrethrum that has given continued control against horses and deerflies. Because Pyrethrum has a very, very short life, it has not been practical for dairymen, and particularly not for beef cattlemen, to use this material in controlling two of our very serious external parasites on cattle. (Horses and deerflies, in addition to accounting for serious blood loss in cattle, are also producers of wounds which are the sites for infection and screwworm infestation.)

J. D. Rebstock, President
Florida Chemical Industries, Inc.

Polyethylene Tubes Used Successfully for Drainage

Polyethylene tubes, perforated, have been used successfully to drain excess water from farm fields, according to Dr. Glenn O. Schwab, agricultural engineer at Iowa State College as reported by E. I. DuPont de Nemours.

Tubes of three dimensions—two-inch, one and a half inch and one inch—have been installed in the college tests, with each tube perforated with 12 quarter-inch holes per foot to take in water from the surrounding soil. Installation was made at varying depths up to three feet, with a “mole” machine making a hole larger than the tube and drawing the tubing into its channel as it moves along.

New Antibiotic Feed Supplement Offered to Feed Industry

An antibiotic feed supplement which doesn’t have any tendency to develop resistant bacteria is now being offered to the feed industry by the Pabst Brewing Company, according to a recent news release.

Infectious swine enteritis is one of the
"Shipping Fever" has many causes. Therefore no one control method fits every condition.

A number of products are helpful, including bacterins, sulfonamides, antibiotics and anti-serums. But the stockman's own handling of the calves counts about as much. Whatever lowers natural resistance must be avoided especially exhaustion, chilling and excessive dust. Here's our suggestions for cutting losses from Shipping Fever.

TO BUYERS OF CALVES:
Upon arrival, provide plenty of room with ample fresh water and small amounts of nourishing food. Avoid castration, dehorning or branding until calves have been rested and settled.

Watch closely for symptoms and be ready to apply prompt treatment. Separate sick animals, using catch pen and squeeze chute to minimize exertion during treatment.

Give Franklin Penicillin-Streptomycin and Franklin Tri-Sulfa simultaneously as one supplements the other for best results. Continue treatment for 24 hours after symptoms disappear to help avoid relapse. Give lots of clean fresh water, forcing if necessary to avoid dehydration.

It's a wise precaution to administer Penicillin to all calves upon arrival—also to feed FRANKLIN Rumen Activator as an aid in restoring normal bacteria.

Cut Shipping Fever Losses with These FRANKLIN Products
Franklin CORYNEBACTERIUM PASTEURELLA BACTERIN contains killed cultures in ample proportions to provide strong protection against the Hemorrhagic Septicemia factor of Shipping Fever. Widely and effectively used for many years. 2cc and 5cc doses.

Franklin TRI-SULFA Boluses or Solution contains three sulfas effective in control of pneumonia in calves and many other infections of livestock. Sulfas in combination supplement each other, adding to the effectiveness of each. High blood levels may be obtained quickly from the solution, and maintained by the boluses.

Franklin PENICILLIN is highly effective against many infectious organisms involving livestock, particularly pneumonia. The oil solution provides high, effective blood levels for a least 24 hours. The Aqueous solution works more quickly and is to be preferred in treatment of acute infections.

Franklin PENICILLIN-STREPTOMYCIN SOLUTION provides effective anti-bacterial action against a wide range of bacteria, particularly those involved in Shipping Fever. Each antibiotic supplements the other, increasing the effectiveness of each.

Franklin RUMEN ACTIVATOR replaces rumen bacteria that may have been destroyed during illness or treatment, thus aiding in better assimilation of feed, and rapid recovery.
KEEP TRESPASSERS OUT
By Posting Your Property Fully

$500.00
REWARD
is offered by the
FLORIDA STATE CATTLEMEN'S ASS'N.
FOR INFORMATION LEADING
TO THE ARREST AND CONVICTION
OF ANY PERSON OR PERSONS
If you have information of this nature
Contact
FLORIDA CATTLEMEN'S
ASSOCIATION

$1500.00
REWARD
is offered by the
OSCEOLA COUNTY CATTLEMEN'S
ASSOCIATION, Kisstimmee, Florida
FOR INFORMATION LEADING
TO THE ARREST AND CONVICTION
OF ANY PERSON OR PERSONS
If you have information of this nature
Contact

- Posted Signs Must Be Visible
- Erect Signs at All Gates
- Erect Signs at Frequent Intervals
- Protect Your Livestock

Cattlemen throughout Florida depend on THE CATTLEMAN PRESS for proper materials for posting their property. The signs appear on our Waterproof Signboard which has won widespread acceptance. Cattlemen Press posters are inexpensive and may be made up with special copy to your order if desired.

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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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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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
This new bar mesh corn crib is available in 1000, 1500 and 2000 bushel sizes. It's built by Pennington Manufacturing Company, Addison, Illinois.

diseases which can be prevented by high-level feeding. Low-level feeding, with four to 15 grams per ton of complete feed, is designed to stimulate animal growth, increase the appetite, and improve feed efficiency, according to the report.

New Plant Machine Grows Fresh Feed Year Round

A Texas company is now manufacturing a European plant growing machine called the Herbagere, which, they claim, makes it scientifically and economically possible and practical to grow and feed fresh forage to cattle every day in the year.

Manufacturer is Niamco, Inc., of Dallas.

How to Choose Farm Tractor Told in New Cat Booklet

Crops must be planted and harvested on time, frequently regardless of weather, and "Choose Your Farm Tractor with Care"—a new booklet recently published by Caterpillar Tractor Company tells how the work can be done even on soggy ground with track-type tractors.

The eight-page booklet can be obtained from local dealers or from Caterpillar's headquarters in Peoria, Illinois.

Peruvian Guano Imported for Use by Wilson and Toomer

The first shipment of Peruvian Guano—the richest natural fertilizer known—to reach North America since 1911, has been unloaded at Jacksonville by Wilson and Toomer Fertilizer Company.

The cargo will be distributed to farmers throughout Florida.

Best results from Guano (the partially digested food excreted by the Peruvian Guano bird) are obtained when the ferti-
It's time to Fertilize--

FOR BEST Winter Grazing

This is the month during which the smart cowman puts on a good application of fertilizer so that he will have a plentiful supply of forage during the lean winter months.

If you are an improved pasture operator, now is a good time to call in the SUPERIOR PASTURE SPECIALIST to let him help you plan your fertilizer needs. This Ex-Soil Conservation Service man and County Agent can show you how to cut production costs by using Superior's high quality bulk fertilizers and proper management.

Why not call the Superior Pasture Specialist today!

For Your Convenience!

Prevent further infestation by using

BARRY'S SCREW WORM BOMB

Handy to use • Small in size
Spray on cuts and wounds

Barry's Products are Better Products. For sale by all leading drug, feed and seed stores, or write: BARRY'S Drawer E Newberry, Fla.

Phenothiazine, salt and minerals are included in this block made by Kay-Dee Feed Company, Sioux City, Iowa.

lizer is used in mixtures with other materials to provide the proper ratio of nitrogen, phosphoric acid and potash, or when used as a top dresser in connection with other fertilizers, according to researchers.

Florida Girl (and Tractor) Grace Cover of Case Publication

A Florida girl—Miss Sally Lee Ardey, 1955 citrus queen—sits atop a Case "400" grove tractor in the cover picture used by The Case Eagle for its August-September issue.

The tractor was one of 22 delivered for use by Minute Maid by Pounds Tractor Company of Winter Haven. Photograph was taken at famed Cypress Gardens near Winter Haven.

New Chemical from Beef Tallow Combats Death of Pigs from Scours

ARMOUR AND Company of Chicago has announced discovery of a new chemical made from beef tallow which is better and cheaper in combating death and stunting of pigs from bacterial enteritis (scours).

The same chemical is effective as a growth promoter. Preliminary data indicates that pigs and chicks fed the new products grew from 10 to 15 percent faster. Product will be marketed under the trade name RQ-20.

3336 DeSoto Cattle TB Tested; Woods Reports Good Cooperation

The finest of cooperation from DeSoto County cattlemen has been reported by County Agent W. L. Woods after testing of 3336 head for TB during early September.

The cattlemen's association helped the program, Woods reports, and the result was that more cattle were offered than were needed for the testing. The ranking of each county is based on a sampling, so testing of all cattle is unnecessary.
All New Engines for All 4 Fuels:
- DIESEL
- GASOLINE
- LP-GAS
- DISTILLATE

8 Speeds Forward with 2 Smooth, Steady Creepers

This two-tone beauty, the all-new Case "400" Tractor, gives you eight easy-shift forward speeds to match your special job, crop or soil conditions. Two creeper gears provide a smooth, steady crawl down to little more than a mile per hour. With constant-running power take-off, the Case "400" is master of your toughest PTO jobs. Two reverse speeds give you slow or fast maneuvering.

Two all-new engines, instant-starting diesel or gas, fit all four classes of fuel, every fuel price situation. New comfort of rubber suspension seat... new convenience of controls and simple, progressive one-lever shifting... new ease of steering and braking... make it a dream to drive. It's easy to buy, too, with the Case Income Payment Plan... pay when your money comes in.

SEE YOUR CASE DEALER...ASK FOR A DEMONSTRATION

BELLE GLADE
Coastal Motors & Equipment
CHIEFLAND
Rowe Tractor Co.
COCOA
Hibbs Tractor Co.
DADE CITY
Moss Tractor Co.
FORT MYERS
Bay Moore Implement Co.
FORT PIERCE
Taylor & Munnell Inc.
HIGH SPRINGS
Thomas Equipment Co.

LAKELAND
Pounds Tractor Co.
LIVE OAK
Grantham Chevrolet Co.
MARIANNA
Andreasen Tractor & Equip.
ORLANDO
T & O Tractor Co.
PALATKA
Beasley Tractor Co., Inc.
PERRINE
Corner Garage

POMPUANO BEACH
Farm Machinery Sales Co.
SEBRING
Pounds-Zeiss Motor Co.
TAMPA
Thompson Tractor & Equip.
WAUCHULA
Casey Motor Co.
WEST PALM BEACH
Buckner Tractor & Equip.
WINTER GARDEN
Pounds Motor Co.
WINTER HAVEN
Pounds Tractor Co.
PRICES Up
At Feeder Calf Sales

Four markets are site of September sales

More feeder calves than were ever before sold in organized sales in Florida brought approximately $1.00 per hundred more than last year at auctions held in Gainesville, Live Oak, Monticello and Graceville during September.

Proof that feeder and stocker buyers appreciate having large quantities of feeder calves on hand was seen in the fact that 3866 head were sold in six different sales this year, compared to 2549 in four sales a year ago. (Results weren't available at press time on the cross-bred calf sale scheduled September 21 at the Gainesville Livestock Market)

The Florida Aberdeen-Angus Association's Gainesville sale, held on two separate days this year due to the large number of entries, brought the highest average—$16.53 on 1260 head or 96 cents per hundred above last year's Angus average.

The Angus association also sponsored the Live Oak and Graceville sales, although entries from all breeds were accepted at these events. Average at Graceville was $15.88 on 579 head (compared to 1954's $13.62), while Live Oak averaged $14.47 on 341 head (compared to $12.80 a year ago).

More lenient regulations this year were given as the reason why the Florida Hereford Association sale in Gainesville showed an increase of only 32 cents over the 1954 figure. 955 Hereford calves averaged $16.07 this year, compared to the $15.75 average paid for 622 head in 1954.

The brand new feeder calf sale sponsored by the Leon County Cattlemen's Association at the neighboring Monticello Stockyards in Jefferson, County averaged $15.04 on 680 head.

Information available on each of the sales is given below.

Graceville...

The Graceville sale was held at the Tindel-Williams Livestock Market under auspices of the Florida Aberdeen-Angus Association. 570 head sold, weighing a total 303,580 pounds and bringing $48,209, for an average $15.88 per hundredweight. Average weight was 532 pounds and average per head was $81.58. (A year ago 984 head sold for a $13.62 average per hundred and $62 per head.)

480 steers weighed 269,767 pounds and brought $43,316, for an average of $16.42 per hundred. Average weight was 549 pounds and average price per head was $90.24.

90 heifers, weighing 39,813 pounds, brought $4893, for an average of $12.29. Average weight was 442 pounds and they brought a per head average of $11.97.

G'ville Angus...

Selling more than 1000 head at a time taxes the facilities of the Gainesville Livestock Market, so this year A. R. Zetouer, chairman of the Florida Aberdeen-Angus Association feeder sale, split the sale into two parts, selling 819 head on Wednesday, September 7, and the remaining 441 head on the following Friday.

In all, 1260 head, weighing 534,440 pounds, grossed $88,010, for an average per hundred of $16.53. Overall weight average was 423 pounds, and average...
For your convenience, we have put blocks beside the items listed below so that you can use this page as an order blank. Just fill in the amount you need in the block, put down your name and address, tear out this sheet and mail it to us. We will do the rest. As usual, we feature high quality at low prices and free Florida delivery service.

**GALVANIZED ROOFING**

<table>
<thead>
<tr>
<th>5V Crimp</th>
<th>Per Square</th>
<th>Corrugated</th>
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<tbody>
<tr>
<td>Sheets 6'</td>
<td>$10.03</td>
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<td>Sheets 12'</td>
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**FARM FENCING**

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<th>Gauge</th>
<th>Per Roll</th>
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<td>7</td>
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<td>12½</td>
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<td>72'</td>
<td>6'</td>
<td>14½</td>
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**BARBED-WIRE**

**FARM GATES—48’ HIGH**

Steel Tubing Frame—Woven Wire Filler

- 8' $15.86
- 10' $18.06
- 12' $19.95
- 16' $24.01

**TEMPERED AIRCRAFT ALUMINUM GATES**

- 5 Panel—52” High
  - 4' $14.72
  - 8' $30.32
  - 10' $34.57
  - 12' $38.85
  - 14' $48.20
  - 16' $52.46

**IMPORTED 4 PT. BARBED-WIRE**

- $7.43 Per 80 Rod Reel

**NAILS AND STAPLES**

<table>
<thead>
<tr>
<th>Per Keg (100 lbs.)</th>
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<tbody>
<tr>
<td>6d Common</td>
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<tr>
<td>8d Common</td>
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<tr>
<td>16d Common</td>
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<tr>
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<tr>
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</tr>
<tr>
<td>60d Common</td>
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<tr>
<td>Mixed Nails</td>
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<tr>
<td>1½” x 9 Galv. Staples</td>
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<td>1½” x 9 Galv. Staples</td>
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**PAINTED STEEL POSTS**

- Studded T Posts
- Per Post

- 5' | $0.85
- 5'6" | .92
- 6' | 1.00
- 6'6" | 1.07
- 7' | 1.14
- 7'6" | 1.20
- 8' | 1.27

- 6½ Creosoted Fence Posts (2½-3½ Top Dia.) $.48 Each
- 8' Corner Posts (5” Top Diameter) $1.50 Each

**STALNAKER BROTHERS**

Tampa, Florida

FEEDS • FERTILIZER • WELDED-WIRE • HARDWARE CLOTH • POULTRY NETTING • WALK GATES • CHAIN LINK FENCE • ORNAMENTAL LAWN FENCE

For October, 1955
Interplants grassland and hay crops and fertilizes in one operation . . . Sod seeding at its best . . . No seedbed preparation . . . No loss of present sod . . . No soil erosion . . . Excellent method to plant cover crops on row crop land.

The Pasture Dream method of planting is paying dividends. Interplant oats, wheat, ryegrass, and clovers for winter grazing. Interplant any desirable seed in existing sod for good mixtures. Replant overgrazed or drought-wheat, ryegrass, and clovers for winter grazing. Interplant any desirable crops on row crop land.

RANCH, 22
Need to Borrow
$10,000 or More?

- Long-term loans to continue your ranch improvement can be made through one of America's leading insurance companies. Prepayment feature. Low interest rates with no agent's commission or brokerage. Available also for groves and farms!

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M. S. Salsbury
Phone MA 2-3387, C.Y. Ranch, RFD 1, OCALA, FLORIDA

Your Home in MIAMI
Overlooking Biscayne Bay and Miami River.
100 Rooms • 100 Baths •
Patio...Sun Deck...TV
in lobby. Lowest rates of any
First Class Hotel in Miami.
APRIL 1-DECEMBER 15:
Singles, $5.00; Doubles, $5.00.
DECEMBER 16-APRIL 1:
Singles, $5.00; Doubles, $8.00.
Air conditioned in summer
Heated in winter
Jerry L. Johnson & Roland
M. Howell, Management

Hotel PATRICIA
Ph. 3-3123, 312 S.E. 2nd Ave., Miami, Fla.

price per head was $69.85. (The 1954 average per head was $15.57 and per head $69, on 937 head.)

831 steers were sold, weighing 591.45 pounds and grossing $61,535, for an average of $17.06. Average weight was 434 pounds and they brought an average $74.10 per head. (A year ago, 427 steers in 1953, averaging $16.19 per hundred and $67 per head.)

429 heifers sold, with a weight of 371.95 pounds, for a gross of $82.435, making an average of $19.43 per hundred. Average weight was 399 pounds and they brought an average $60.02 per head. (A year ago, 427 heifers averaged $14.78 per hundred and $58 per head.)

Largest buyer was H. E. Wolfe of St. Augustine who purchased 246 head for $22,295, while V. E. Whitehurst and Son of Williston purchased 142 head for $11,627.

Stardust Ranch of Micanopy, owned by Mr. and Mrs. Henry Chitty, received $27,50 for the top steer from Herbert Brown of Trenton. J. P. Ramsey and Son, also of Micanopy, received top female price of $24 from Lee Smith of Trenton.

Buyers, in addition to those already mentioned, with amount spent in parentheses, were as follows:

G. W. Baker, Williston ($105); Rosecrans Bros., Avon Park and M. A. Smith, Orlando ($529); Hendrix Farms, Rocklin ($504); E. L. Carter, Bradenton ($201); Circle M Ranch, Gainesville ($504); Devore Brothers, Reddick ($589); J. V. Edwards, Brooklet ($69); J. S. Fowler, Dale City ($653); T. C. Green, Newberry ($106); Martha Golleher, Palatka ($59); R. L. Guynn, Tampa ($671); William H. Groth, Jr., Green Cove Springs ($339); W. B. Kees, Anthony ($96); L. J. Lester, Apopka ($210); Leonia phosphate Company, High Springs ($152); M. and M Ranch, Lake Wales ($683); Pierce Panepinto, Sorrow ($1882); James Quincey, Trenton ($104); J. C. Ramsey, Gainesville ($55); G. C. Roberts, Trenton ($814); Blake Rowland, San Antonio, Texas ($1256); Shadow Lawn Farm, Green Cove Springs ($5934); Smith Brothers, Micanopy ($175); Lee Smith, Trenton ($145); Palatka Van Horn, Fort Lauderdale ($577); Swift and Company, Ocala ($215); J. A. Whitehurst, Bushnell ($493); H. H. Arnold, St. Augustine ($107); Leroy Baldwin, Ocala ($149); Camp Ranch, Ocala ($514); N. S. Sidlaw, Dale City ($1257); Noble Lee, Gita ($118); G. T. Pennington, Belle Glade ($389); R. H. Perkins, Fort Myers ($104); E. C. Prather, Gainesville ($89); Richarson Brothers, Reddick ($596); E. Steenberg, Orange Lake ($1121); Paul B. Strickler, Alachua ($58); Dr. J. E. Thornton, Palatka ($99); Gainesville Livestock Market ($72).

Live Oak . . .

SALE OF 341 head of feeder calves at the Live Oak sale, sponsored by the Florida Aberdeen-Angus Association, brought an average of $14.47 on 1,870 pounds. Sale grossed $21,520, with the calves brought 362 pounds and bringing $6.05 per head. (Last year's sale averaged $12.80 on 666 head, with a per head average of $14.)

Largest buyer was Swift and Company of Moultrie, Georgia, which purchased 194 head for a total $88,939. V. E. Whitehurst of Williston was the largest stock buyer, purchasing 43 head for a total $8,760.

Phil Laishley of Punta Gorda bought 45 head for a total $84.3. Highest selling lot—two steers—brought
A highly satisfactory average of $15.04 was paid for 680 head consigned to the Leon County Cattlemen's Association feeder sale held at the nearby Monticello Stockyards, with 680 head weighing 316,955 pounds, bringing a total of $17,912. The calves averaged 465 pounds in weight, and brought $70.02 per head on the average. This was the first sale held by the Leon group.

493 steers weighed 233,155 pounds and grossed $85,713, for an average of $15.32 per hundredweight. The steers averaged 473 pounds and brought an average $72.44.

187 heifers weighed 83,410 pounds, grossed $1,899 and averaged $14.26. Their average weight was 446 pounds, and they brought an average $64.63 per head.

Highest price at the auction was the $21.00 per hundred paid for three Hereford heifer calves consigned by Midyette Hereford Farm of Tallahassee. The calves averaged 475 pounds in weight. Top steers—at $90.10 per hundred—were sold by Welanhee Plantation of Tallahassee and the 10 averaged 409 pounds in weight. L. W. Seabrook of Tallahassee was the largest buyer, purchasing 367 head, while Wallington Plantation, also of Tallahassee, was the largest consigner, selling 77 head.

Other buyers were as follows:

**G’ville Herefords...**

The Florida Hereford Association’s feeder calf sale at the Gainesville Livestock Market saw 955 head—weighing 423,145 pounds and grossing $68,090—bring an average $16.07 per hundred. Average weight was 443 pounds per head, and the average price per head was $71.23. (Last year’s sale saw 622 head average $15.75 per hundred and $67 per head.)

Steers—543 of them—weighed a total 249,695 pounds and grossed $41,893, bringing an average of $16.78 per hundred. They weighed 460 pounds per head on the average, and brought $77.15 per head. (The 1954 sale saw 400 steers bringing an average $15.96 per hundred and $69 per head.)

The 412 heifers weighed a total of 175,480 pounds and brought $26,138, for an average of $15.07 per hundred. Average weight was 421 pounds, and the average price per head was $63.44. (Last year’s sale saw 362 head at an average of $50.71 and $67 per head.)

**Leon County...**

**Antibiotics promise to control plant diseases!**

These wonder drugs have been used in animal husbandry. Now scientists are trying them out on plants.

First bean halo blight yielded to streptomycin. Then scientists found pear fire blight, tobacco blue mold, potato blackleg and race 138 of wheat stem rust respond to antibiotics, too.

The drug can be made up in water solutions that mix with fertilizers and other chemicals. Biggest drawback to widespread usage is the high cost. But price is already low enough to treat seeds, seedbeds or spot applications.

It is estimated antibiotics will save food growers $1 billion a year.

**Amazing New Super-Refined Oil!**

New Gulfpride H.D. Select controls carbon, protects against acid, rust, sludge.


- Combats corrosive acids, rust and deposits. Keeps hydraulic valve lifters quiet and operating smoothly.
- Assures lower oil consumption than the multi-viscosity “all-season” motor oils because it has “natural” viscosity and contains no artificial thickeners that break down in your engine.

Available in re-usable 5-gal. cans.

Thrifty farmers go GULF
New Crop SEED READY NOW

- White Dutch Clover
- Hubam Clover
- Ladino Clover
- Crimson Clover
- Alfalfa
- Pensacola Bahia
- Lupines
- Fescue
- Oats
- Rye
AND OTHERS

WRITE US . . . date and amount you need. We will quote you without any obligation!

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HAILE-DEAN SEED COMPANY INCORPORATED

"The House That Reputation Built"
Office & Warehouse located at 1333 W. Church St.
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BEEF COUNCIL Holds First Meeting; Over 350 Sign Up

Cards sent to Cattleman readers bring prompt response; One cattleman already has sent in check for cattle exported

Final organization of the Florida Beef Council, plus agreement by 350 Florida Cattleman subscribers to have 10 cents per head deducted from all their sales, featured a busy September schedule designed to help Florida cowmen sell more beef.

Meanwhile Jay Taylor of Amarillo, Texas, head of the National Beef Council and of the American National Cattlemen’s Association, declared that consumer demand for beef is below normal because the housewife isn’t spending as high a percentage of her income on red meat as in the past.

The Florida Beef Council, like the national group, is designed to tell the consumers about the advantages of eating beef, and Maurice L. Hollins of Crystal River, chairman of FCA’s Beef Promotion Committee which has been spearheading the move to form a beef council in Florida, expressed his satisfaction with the progress made during the month.

While Cattleman press time came too soon to report the September 22 Florida Beef Council meeting, Hollins said he was confident that the council would be organized and planned with representatives of meat packer, auction market, dairy and bankers’ associations.

Funds collected from cattlemen will be used by Florida Beef Council to promote beef consumption—and should all cattle owners agree to the small 10 cent per head deduction asked, some $40,000 annually could be raised for this purpose.

Post cards mailed to subscribers of The Cattleman brought 350 “Yes” answers to the request that the cattlemen authorize the 10 cent per head deduction. Names of those agreeing to date are published on page 80 of this issue.

Taylor based his statement that “consumer demand for beef is below normal” on these figures:

“Prior to the 1947-1949 base period, the American housewife, for some 35 years, spent the same percentage of her food money for red meat. From 1947-1949 until the present time, red meat sales increased eight percent—but the housewife’s disposable income increased by 26 percent. Roughly this means a loss in red meat sales of 18 percent in the past six years.”

Taylor added: “The cattleman and the feeder aren’t producing too much beef today. People just aren’t spending as much money for beef as they once did.”

Martin County Ranch Is Sold

According to deed filed at Stuart recently a 5000 acre cattle ranch was sold by O. C. Smith of Stuart for an indicated $235,000, to T. J. Evans, III of Palm Beach.

The tract is described as Townships 38 and 39. Range 38 each, in Martin County. No immediate plans for the ranch were announced by the new owner.

California, Texas Plan

California’s Beef Industry Council thinks it can raise $225,000 annually from the 10 cent per head check-off system similar to that proposed in Florida—and it plans to donate a fifth of the amount collected to the work of the National Livestock and Meat Board.

The Texas Beef Council plans to spend $50,000 a year for advertising to promote new markets within Texas. Both reports underline the fact that other states are working on the problem, just as Florida is.

California is placing most of its emphasis on national promotion, but it isn’t underestimating the value of good local programs.

A recent release from an Francisco states that “beef promotion is a national problem and the best way of dealing with it is through a national program,” so supporting such a program is its primary aim. But state and local programs are necessary and beneficial, and supporting these programs will be a fundamental part of the California Beef Industry Council work.

In addition to the two cents out of every 10 which will go directly to the National Livestock and Meat Board, half of the remaining funds collected will go toward national promotion, presumably through the National Beef Council.
What Are The Nutritional Values of The Pasture?

What Are The Nutritional Values of The Water?

What Are The Nutritional Values of The Feed?

P.D.Q., through scientific research and know how in its formulation, supplements these values . . . resulting in more perfect "blood balance," . . . this means better health, better reproduction, and better growth at lower cost—through more efficient utilization of the food and forage consumed!

Let us explain how P.D.Q. can help your livestock today!

P.D.Q. contains the recommended levels of VITA-A-WAY'S Patented, specially processed MINERAL-VITAMIN Base—and has been approved by the Department of Research and Control of VIT-A-WAY, Inc.

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P.D.Q. COMPANY
P. O. Box 439
Lakeland, Florida
Bulk Model Truck-Mounted 3-4 Ton Capacity

“SPRED-ALL” FERTILIZER DISTRIBUTOR

Will Make PROFITS for the CATTLEMAN in the DEVELOPMENT of FINER PASTURES

BROADCAST your Seed, Fertilizer, Phosphate, Slag, Dolomite, Lime or other Soil Conditioners... where and when you want it. Will spread a 20' to 35' Swath with output as low as 50 pounds of fertilizer or as high as 5000 pounds of lime to the acre.

SEND FOR OUR NEW... FREE... ILLUSTRATED FOLDER

MEINCKE SPREADER WORKS, Inc.
ASTATULA, FLA. MANUFACTURERS TEL. TAVARES 11 BLACK

ON THE SPOT DELIVERY!

DIRECT FERTILIZER SERVICE to the field, grove or pasture. Complete field service, coordinated with spreading requirements is rendered by a fleet of 15 trailer truck units. Fertilizer mixtures are formulated according to actual requirements. Here's a service that really saves you time and money. Write or phone for full information.

florida favorite fertilizer
INCORPORATED
PH. MUTUAL 2-1291 • P.O. BOX 912 • LAKELAND, FLA.

Experiment Stations Big Help

The AGRICULTURAL economy of west Florida has benefited greatly in the past—and should in the future—because of the work of experiment stations not only in Florida but neighboring states. That's the opinion of Dr. J. H. Beckenbach, director of the state's Agricultural Experiment Stations with headquarters in Gainesville.

Beckenbach points to the development of Dixie 18 corn, the yellow double hybrid that is the accepted variety for Western Florida, as a good example. This variety was developed from four separately developed inbred lines, two of which were developed by breeders at Florida stations, and one each by men at Louisiana and Georgia Stations.

Livestock, too, is looking up in West Florida,” says Dr. Beckenbach. “Workers are evaluating the English breeds, hybrids between these breeds, and hybrids involving native cattle. Studies are under way, and some results already available on steer feeding tests, in which different rations are evaluated. New peanut varieties have been developed during recent years for processing and for hogging off. These kinds of research aim at increased efficiency and production and lower the cost of production per unit, thus placing the farmer in a better position in the market.”

Further, Beckenbach reveals that impressive results have been gained at West Florida Station in studies involving supplemental irrigation both of field crops and pastures. He states that experiments based on dry years such as the state has known recently show that in many of the cases where irrigation was employed the increased yields have sometimes paid off all of the capital costs involved in wells and equipment in a single year. Also it has been found that clovers react well to applications of sulphur on many soils of the Western part of the state.

In summing up the work of the experiment stations not only in West Florida but the state as a whole, Beckenbach states that “There is much undeveloped land in West Florida which will come into more or less intensive agricultural usage in years to come. Some will go into grasslands and improved pastures; some to field crops; some to more intensive cropping. The entire state still has vast areas of usable land to develop...We still have a vast potential for future growth, and we already have answers to many of the problems. Scientists of the

The Florida Cattleman
This map shows where stations and laboratories operated by the Florida Agricultural Experiment Station in the western part of the state are located.

Agricultural Experiment Station system will continue to get more answers; that is why citizens of Florida invest in the Stations, and past performance gives adequate assurance of future progress.

Hygrade Buys Out Miami Packer

The fourth largest meat packer in the nation—Hygrade Food Products Corporation—has come to Florida.

Sam Deamon, manager, has announced Hygrade's purchase of the United Wholesale Butchers, Inc. (Food Fair) plant in Hialeah effective August 1—and slaughter is already at a 400-head per week level, some 25 percent higher than at any time recently.

Hygrade (which some time ago purchased Kingan and Company) has been expanding rapidly in recent years, Deamon reports, and has passed Cudahy as the fourth largest meat packer in the nation.

In a special release to THE CATTLEMAN, Hugo Slotkin of Detroit, Hygrade president, states that "Hygrade will pursue the buying of all types of livestock in the area."

"We're tremendously interested in the development of Florida and Florida livestock, and hope that our cattle buyers, Dick Howell and Gene Mansolo, will seek out cattle in all corners of the state," Slotkin adds.

75 percent of the cattle slaughtered by Hygrade at Hialeah are bought in Florida and the remainder coming from the Montgomery, Alabama, area.

While no time limit has been set, Hygrade will eventually go to federal inspection at Hialeah, according to Deamon, with the attendant remodeling and expansion of facilities.

Hygrade has been represented at the wholesale level in Florida for some years, having branch houses in Miami, Jacksonville and Tampa. Nationally 10 packing plants are maintained scattered throughout the nation.

A DAY IN THE FIELD WITH EARL FUTCHE Arcadia cattleman and rancher Dale Foster examines a field of Pangola Grass with Gulf representative, Earl Futch. With his specialized Gulf training and practical experience with Florida soil problems, Futch works hand in hand with the ranchers and growers of Hardee, Highlands, and DeSoto Counties to help increase yield. From his knowledge in problems of fertilization and pest control . . . they produce better crops . . . increase income. Yes, the best ranchers and growers consult their Gulf Field Representative and use Gulf Brands Fertilizer and Pesticides.

THE GULF FERTILIZER COMPANY Tampa, Florida SERVING FLORIDA AGRICULTURE FOR MORE THAN 50 YEARS

Destroy Internal Parasites and Correct Mineral Deficiencies in cattle with ONE drench

HELMINEX TRADE MARK REG.
Florida Chemical Ind., Inc., Gainesville, Fla.

for October, 1955
Give **ONE-SHOT PROTECTION** against **SHIPPING FEVER**

with **INJECTION**

**BICILLIN**

Dibenzyloethylenediamine 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 Shipping Fever and many other 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, 800,000 units per Tubex.

**AVAILABLE FROM YOUR DRUGGIST OR OTHER ANIMAL HEALTH PRODUCTS SUPPLIER**

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**Breeders of**

**Profit-Making**

**Hampshire Swine**

- We’re proud to be experienced breeders of top Hampshires featuring some of the best bloodlines in the nation. Our chief herd boars include GOLDEN LEADER, HAPPY KNOLLS WESTERN KING (son of the Production Registry boar Lum), CIRCLE D GRAND MAN (grand champion at 1955 Florida State Fair), and CIRCLE D BOUNCER (a grand champion in Florida, Georgia and Alabama).

**DROP BY SOON TO SEE OUR BREEDING STOCK OF ALL AGES WE HAVE FOR SALE**

**CIRCLE D RANCH**

George E. Dryden, Owner, Phone Cottondale 35

Route 1, Box 194-B, MARIANNA, FLORIDA
Rapid Development Features Agricultural Scene in Area West of Apalachicola

Importance of livestock to area has been increasing rapidly during recent years; Timber growing practiced by many farmers as well as by the large pulpwood companies.

Travel west of the Apalachicola River and you will see 32 percent of the state's total swine population...one of the state's greatest concentrations of timber wealth...an area that has led the state in increasing its pasture acreage...and you may pass through the thirteenth ranked county in the nation in peanut production.

All this and more--is found in an area that represents but 14 percent of Florida's total land mass--an area that has been contributing its share, and in many cases leading the way.

This month The Florida Cattlemen crosses the Apalachicola River to pay special editorial tribute to our neighbors to the west--to take a closer look at what goes on in the ten counties and nearly 5,000,000 acres that comprise what is sometimes called "West Florida".

First hand observations and statistics have all contributed to this review of West Florida. The statistics are taken from the 1950 United States Census of Agriculture compiled by the U. S. Department of Commerce. While these figures cannot be described as "up-to-date" they do help show the trends.

Pastures Increased...

From 1944 to 1949, pasture acreage in West Florida increased some 62 percent. Census reveals that in 1944 there were 289,013 acres of pasture in the area--a figure which grew in five years to 475,747 acres or an increase of more than 186,000 acres. While this was taking place in West Florida, the statewide rate of increase was only 28 percent from 9,995,740 in 1944 to 11,620,848 by 1949.

Several reasons have been offered for this increase--an increase that is apparently still going on.

Certainly there has been an increase in the number of commercial and purebred breeders who have established in West Florida. With them has come the need for more acres of improved pasture for their herds.

Another theory--and one that appears quite sound--is that timber farmers have found that cattle and the production of marketable timber go hand in hand. Not only do cattle utilize woodland grazing, but they are proven aids in reducing the fire hazard in timber growth by keeping underbrush down.

Great Timber Acreage...

Timber has often been described as one of West Florida's greatest agricultural resources and the fact that something like 51 percent of West Florida's farm acreage grows timber seems to bear this out.

At any rate, figures show that in 1949 this area produced 23 percent of the state's total pulp wood, 10 percent of the total value of forest products sold, and 13 percent of the total standing timber sold in the state that year.

Timber should play an ever increasing role in the future economy of West Florida.

Swine Numbers High...

Of the state's 514,440 head of swine in 1949, 32 percent, or 166,841 head, were west of the Apalachicola River. There is no reason to believe that this percentage has decreased in the six years since the census. Rather, it is quite probable that this percentage has increased due to the many features of West Florida that are steadily making it more attractive to livestock producers.

Swine feeding has long been an important phase of the livestock picture of West Florida.

Crops Important...

With some 31 percent of the area's farm land in timber and woodland pasture, 1950 figures reveal that some 40 percent of the remainder is devoted to crops and cropland pastures.

The ability of West Florida to produce corn has been, and promises to be, a boon to the livestock industry of the area. In 1949 West Florida produced an even 35 percent of the state's total corn crop and the area's ability to grow corn--an important part of any livestock feeding operation--in increased quantities offers great possibilities.

Peanuts, of course, are one of the area's biggest crops. In 1949 West Florida contained 36 percent of the state's entire acreage in peanuts and Jackson County ranked thirteenth in the country as a peanut producing county. Peanuts, too, have made an important contribution to the area's livestock picture, with peanut hay being used to a great extent as a winter feed, and the hogging off of peanuts a long time practice.

Small grains--oats and wheat for the most part--also play an important role in the farming picture of the area. In 1949 the records show that 24 percent of the state's total small grain production was made west of the Apalachicola. The area also produced 11 percent of the state's total hay crop (peanut hay and cowpea hay excluded).

The Future...

With its many natural advantages and resources West Florida offers great potential for future development. In talking to farmers and ranchers of the area the opinion was expressed that the area's ability to produce cheap feed in quantity may well make it a major livestock feeding area in time to come. Already the trend has been to stock farms with more cattle and/or swine to harvest such crops as corn, small grains and peanuts. The result has been a demand for feeders and stockers that has encouraged the growth of many cattle and swine operations. As one rancher put it--West Florida may well become the "feeder belt" of the state one of these days.

Improved pastures have boosted livestock development in western Florida. This photograph shows Mr. and Mrs. A. P. Drummond in a field of White Dutch clover on their farm near Bonifay.
**FALL FAIRS and Livestock Shows Planned in 8 Cities**

**Palatka, Bonifay, Fanning Springs, Callahan, Marianna, Pensacola, Ocala, Tallahassee state events**

Five fairs and four livestock shows ranging in size from county to regional events are on tap for October and early November in Florida as the state's 1955-56 show and sale season gets underway with a rash of activity.

All nine of the state's inaugural events offer a full schedule of activities and competition for livestock producers. Most of the year's first events will take place in North Florida with points of activity scattered from Pensacola to Callahan.

The schedule will open on October 8 with the Holmes County Livestock Show at Bonifay. Then come three events all slated to open on October 15. They are: The Jackson County Fair, October 17-21, at Marianna; the Pensacola Interstate Fair, October 17-23, at Pensacola; and the Junior Livestock and Poultry Show at Ocala, October 17 and 18. Next comes the two-day Suwannee River Youth Fair which opens October 19 at Fanning Springs.

At Callahan the Northeast Florida Fair is scheduled October 20-22, while the North Florida Fair follows at Tallahassee October 25-29. In November, the Putnam County Livestock Show at Palatka will be held November 7-12.

For information on the All-Florida Breeders' Show at Webster, November 1 to 5, and the Suwannee County Livestock Show at Live Oak October 17-22, see articles on pages 37 and 44 respectively.

**Holmes County Show**

Breed cattle judging will highlight the Holmes County Livestock Show starting at 10 o'clock on the morning of opening day, October 8. A total of $550 in prize money has been offered for winners in both the cattle and barrow events. For cattle it will be mostly Angus and Herefords. Barrows will follow immediately behind the beef cattle division. Parker Grant of Bonifay will be manager of the livestock show which this year replaces the usual fair.

**Jackson County Fair**

Still out in northwest Florida, at Marianna on October 15, the Jackson County Fair is set. County Agent W. W. Glenn advises that dairy cattle will be judged at 9 a.m., October 18, by Wil-son Sparks. 4-H and FFA. beef cattle and swine will get the scrutiny of judge J. E. Pace on October 19. On the same day there will be a steer show, Glenn says.

**Pensacola Interstate**

"Meet Me at the Fair" is the theme of the 1955 Pensacola Interstate Fair which will open at the Fair Grounds in Pensacola on October 17. Highpoint of this event will be the annual adult and junior livestock divisions that will open competition on Tuesday. For the juniors it will be the 4-H and FFA beef cattle and swine judging contest starting at 9 a.m. The dairy judging contest will be conducted at 11 a.m. with the official judging of dairy animals to take place that afternoon. October 19 at 9 a.m. there will be the official judging of junior beef cattle with swine judging to take place that afternoon starting at 2 p.m.

Official judging of adult dairy entries will take place on Tuesday, October 18, starting at 2 p.m. Wednesday will be devoted to beef cattle judging in the morning, followed by swine in the afternoon. Judges for the adult division are: C. W. Reaves, extension dairyman, dairy cattle; F. Sloan Baker, Jr., extension animal industrialist, beef cattle; and L. T. Pendarvis, director of state markets, swine.

**Ocala Junior Show**

Junior livestock and poultry will feature the Ocala Youth Show slated for October 15-18 at the Southeastern Pavilion in Ocala. Swine, dairy cattle, poultry and eggs, breeding beef cattle and steers will be exhibited as a part of the two-day program.

The junior show will feature entries from 4-H and FFA chapters, with the bulk of the 4-H show expected to come from Marion County chapters.

In addition to the show, October 1 will see the opening of a Showing and Grooming School at the Southeastern Pavilion for 4-H members and FFA groups. Several leading agricultural figures are expected to take part in the one-day seminar for junior showmen.

**Suwannee Youth Fair**

Fanning Springs and its Tri-County Livestock Pavilion will host the 1955 Suwan-
River Youth Fair which opens October 20 for a two-day stand. Here entries from Gilchrist, Levy and Dixie counties will vie for award money in the beef, swine and dairy divisions.

The schedule will start off with the judging of beef cattle on Thursday, October 20, at 9:45 a.m. Next will come beef showmanship at 10:30; poultry at 10:30; swine (both breeding and barrows) at 11; and hog showmanship at 12. The afternoon will be opened with the corn exhibit at 1; dairy judging, also at 1; with dairy showmanship at 2 to conclude the day's judging. However, County Agent Leonard Cobb of Gilchrist County adds that he expects most of the entries in the beef cattle division to be steers since the Suwannee River Beef Cattle Show is slated for January 25-27.

Northeast Florida . . .

Callahan will host the annual Northeast Florida Fair set to open October 20 for two days. Beef cattle will be judged at 9 a.m. on October 21 by J. E. Pace, extension animal industrialist with the University of Florida; Wilson Sparks will judge dairy starting at 1 p.m. Junior judging contests and swine judging will be held the same day. Entries are expected from Baker, Duval and Nassau Counties. Highlighting the evening program will be a rodeo sponsored by the Nassau County Cattlemen's Association to be held on both nights, October 21 and 22.

North Florida Fair . . .

Winding up October will be the North Florida Fair at Tallahassee, October 25-29. The bulk of the judging events for this year's North Florida Fair will take place in two days, October 25-26.

On Tuesday, October 25, the 4-H dairy show, FFA hog show and the State 4-H Club corn shows will be held. The following day, the state 4-H hog show, women's division, poultry show, crop judging, adult dairy, negro exhibits, adult hog show and beef cattle show will be held in that order.

Putnam County Show . . .

Last but not least in the whirl-wind October-November show and fair schedule will be the Putnam County Livestock Show which will open at Palatka on November 7 for a six day run. Interesting sight at this year's show will be the new 100-head capacity cattle barn which will be in use at show time.

Swine judging will be held on Thursday, November 10. On Friday, November 11, 4-H and FFA beef and dairy judging will start off to be followed by adult beef and dairy the same day. This year, the show is expected to attract a few out-of-county beef and swine breeders.

Q. I. Roberts, Carraway, (near Palatka) and W. M. Palmer, Jr., Dolomite Products, Inc., look with pride on 30-acre Pangola grass pasture grown with aid of d/p Dolomite.

"a ton of d/p dolomite per acre works wonders"

... says Q. I. Roberts, Carraway rancher.

“We carried 3 head of cattle per acre all last summer on this 30-acre pasture conditioned with d/p Dolomite. With the acid soil conditions we have on our ranch there’s only one way to get good pasturage—use d/p Dolomite generously in a balanced soil conditioning, fertilizing program. It works wonders.

“We believe, frankly, that d/p Dolomite is superior to all other conditioners of its type. And we thoroughly appreciate the fine soil laboratory and field service d/p Dolomite provides its customers.”

Mr. Roberts is a successful cattleman. His unqualified endorsement of d/p Dolomite is a sound guide for you who want better pasturage.

For information or arrangements to have a d/p Dolomite field representative call on you, write, wire or phone the address below—or see your local spreader.
A non percentage calf crop based on a herd of quality cows and bulls, and a successful seed business, are the two major operations on the 3500-acre farm of The Standard Cattle Company near Bonifay.

Established in 1943, The Standard Cattle Company has always been active in the cattle business. The original operation began with the use of purebred Brahman bulls on commercial Brahman cows. Four years ago the Brahman bulls gave way to three purebred Angus bulls and today's herd is made up primarily of commercial Angus cows and the purebred "black" sires. The reason behind this gradual transition, according to Manager Jim Clemmons, was the fact that Angus calves sold better.

The soft spoken, likable Clemmons, who is a native of the area and a graduate of the University of Florida, points with pride to the 80 to 84 percent overall calf crop of the commercial herd, and to the 91 percent record of the 60 Angus cows in the herd. According to Clemmons, this is the result of two factors, frequent and careful culling and providing sufficient quality pasture and feed for the herd.

When you speak of pasture around Standard Cattle Company you are asking for a tour, because the 550 acres of improved pasture is a real source of pride around the place, and is truly a sight to see. Cattle stand chest deep in Pensacola Bahia which is also the raw material for a thriving seed business. These Pensacola fields this year are expected to produce 30,000 pounds of seed off 200 acres—down somewhat from last year due to a dry spring. In addition, these same fields, after combining, are expected to produce something like two and a half tons of hay to the acre. During haying, a 25-V mower had to be altered because it couldn't handle the cutting! Both the hay and the seed are sold commercially by Standard but some of the hay does figure in the winter feeding program at the farm.

The Standard breeding program is based on a December to May calving sea-

(Continued on page 48)
The convenience of Florida pastures to Eastern markets loses much of its value to you... if your cattle have to be fed and fattened after shipping. Grass and pasture alone cannot produce the fast, solid growth and weight that profitable, competitive cattle raising requires. Red Rose Cattle Feeds are specially balanced, thoroughly tested rations created to produce economical gains and build well-finished carcasses... whether your cattle are Shorthorn, Aberdeen Angus, Brahman or Hereford.

Red Rose Cattle Feeds will go far toward shortening the time required to fatten steers and are almost a necessity when home-grown feeds are not available. Ask your Red Rose Dealer about Red Rose Cattle Feeds and Red Rose Mineral Mix. Both are blended at the Red Rose mill in Tampa for prompt delivery of fresh feed... and both are ideally suited for profitable cattle raising.

Distributors from Maine to Florida; Ohio to the Atlantic

for October, 1955
DENNING SUN SHADE
for your livestock!

Denning Sun Shade makes a perfect shelter and will pay for itself in added gains on your livestock. Made from 1½” wood slats securely bound to straight strands of heavy galvanized wire, it is easily suspended and requires no stringers. The 3/4” spacing of slats permits ventilation. Available in 4 and 5 foot widths and 50 foot rolls.

STRETCH-PRUF CONSTRUCTION

Slats are securely wire bound to Straight Strands of heavy galvanized wire. Cannot stretch or sag excessively.

WRITE FOR FREE CIRCULAR
Distributor R. C. Cropper & Co.,
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ILLINOIS WIRE AND MFG. CO.
P. O. Box 1397F
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Is Your Ranch or Grove a Source of Worry?
Are you satisfied with the income from it? Are expenses too heavy? Is your pasture capacity improving? Are your cattle being sold at the right time to get the highest prices?

Let Doane Take The Load From Your Shoulders

The above are but a few of the problems that are being solved on hundreds of properties that are under Doane management. Over a period of time the increased income from your property should pay for the cost of management, plus a nice profit. And you’ll be relieved of a lot of detail and worry.

FREE—Ranch Management Check Sheet
Write today for your copy so that you may check, for your own information, the operation of your property. No obligation of course.

DOANE
Agricultural Service Inc.
LAKE WALES, FLA.

After preliminary fattening on grass, these WaDaCa Farms steers have come to the feedlot where they are receiving a concentrated ration built around corn raised under irrigation by WaDaCa itself.

Higher Quality Feeder Cattle Needed—WaDaCa

Growing grain production in western Florida points up the need for better feeder steers

The commercial cattle producer of the state—the man who produces feeders and stockers—has a ready market for all he can produce, right in his own state.

That’s the opinion of one Florida commercial feeder, Ed L. Watkins, manager of WaDaCa Farms, Cottondale, who notes that feeders are paying top prices as well as shipping charges for steers purchased throughout the Southeast and West when they could be buying locally. If the cattleman could supply this demand, then the cost of transportation and buying could be passed along to both the cattleman and the feeder in increased profits. Watkins maintains that the market is there for cattlemen who can meet its demands for quality in quantity.

Better bulls can play a major part in improving quality, says Watkins. “For my part what we need is that top quality bull in every commercial herd and more quality in Florida as a whole and the Northwest in particular.”

Behind these observations is the keen judgment of cattle by a man who manages a feeding operation whose goal is the overall production of choice steers. In partnership with Watkins in WaDaCa is A. D. Davis, president of Winn and Lovett Grocery Company.

Several factors play an important role in the WaDaCa record of producing primarily U. S. Choice steers. Aside from frequent culling, other factors are home grown feeds, irrigation and highly improved pastures. Each plays its own important part in making the steer ready for market.

As stockers, the steers arrive at WaDaCa to be placed on the better than 350 acres of improved pasture reserved for that purpose. Feeders head into the lot to eat a ration consisting of corn produced right at the farm. Dixie 18 and Funk’s G-740, some 900 acres of it, were grown at WaDaCa this year to meet the demands of the feed lot. Under irrigation, this corn produced a ton to the acre more than where irrigation was not used.

The 350 acres of improved pasture (Continued on page 48)

These Hereford steers are being fattened on grass at WaDaCa Farms near Cottondale until they reach the required weight and condition needed for full feeding.

The Florida Cattleman
A BURGNER BULLETIN
CHANGING TIMES OFTEN BRING CHANGING CONDITIONS

In view of the fact that times are definitely changing the following facts seem pertinent.

I

Burgner Molasses Company has available an UNFAILING AND UNLIMITED supply of Blackstrap Molasses.

II

Price-wise, the market has been very steady for a number years. Any changes have been in fractions averaging a differential of EIGHTY SIX CENTS PER TON.

III

Our delivery service is on an AROUND-THE-CLOCK AND 365 DAY A YEAR BASIS.

IV

We have the mechanical equipment and know-how to solve the problems sometimes involved in the feeding and distribution of molasses—as well as the problems encountered in ensiling.

If we can be of service we hope that you will call on us for:

QUICK DEPENDABLE SERVICE

BURGNER MOLASSES COMPANY, INC.

Telephone Sebastian 3511

Fellsmere, Florida

P. O. Box 66

for October, 1955
## 10TH ALL-FLORIDA BREEDERS SHOW

### AND

### FIRST ANNUAL SUMTER COUNTY FAIR

**SUMTER LIVESTOCK PAVILION**

**WEBSTER**

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<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td><strong>MONDAY, OCTOBER 31, 1955</strong></td>
<td>1:00 p.m.</td>
<td>Fair Exhibits Open</td>
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<tr>
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<td>1:00 p.m.</td>
<td>Carnival Midway Opens</td>
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<tr>
<td><strong>TUESDAY, NOVEMBER 1, 1955</strong></td>
<td>8:00 a.m.</td>
<td>Deadline for Entry of Cattle at Show Barn</td>
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<td>8:00 a.m.</td>
<td>Classification of Entries Begins</td>
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<td>9:00 a.m.</td>
<td>Judging of Registered Shorthorns</td>
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<tr>
<td><strong>WEDNESDAY, NOVEMBER 2, 1955</strong></td>
<td>9:00 a.m.</td>
<td>Brahman Judging Starts</td>
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<td><strong>THURSDAY, NOVEMBER 3, 1955</strong></td>
<td>9:00 a.m.</td>
<td>Judging of Herefords Begins</td>
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<td>1:00 p.m.</td>
<td>Sale of Registered Herefords</td>
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<tr>
<td><strong>FRIDAY, NOVEMBER 4, 1955</strong></td>
<td>9:00 a.m.</td>
<td>Judging of Aberdeen-Angus Begins</td>
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<td></td>
<td>1:30 p.m.</td>
<td>Sale of Registered Aberdeen-Angus</td>
</tr>
<tr>
<td><strong>SATURDAY, NOVEMBER 5, 1955</strong></td>
<td>10:00 a.m.</td>
<td>4-H and FFA Junior Judging Contests</td>
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</tbody>
</table>

**Send entries to**

O. M. MAINES, JR., SECRETARY

Bushnell, Florida

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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.

*Six Big Days Oct. 31-Nov. 5*
Fair Slated With Show At Webster
Plans for carnival, exhibits, being made

A barn-full of cattle, plus commercial and agricultural exhibits and a carnival, are planned for 1955's All-Florida Breeders' Show and Sumter County Fair scheduled at Webster, Oct. 31-Nov. 5.

This will be the tenth cattle show held at Webster, but fair features are being added for the first time, now that the livestock are housed in the state agricultural pavilion completed just in time for the 1954 show and located on a 20-acre tract near Beville's Corner, about three miles north of Webster.

Schedule for the 1955 event will be slightly changed from previous years. The fair will begin on Monday, October 31, with deadline for cattle entries set at 8:00 a.m. on Tuesday, November 1. Shorthorns will be judged Tuesday morning, starting at 9:00 a.m., and Brahman judging will be held the same time on Wednesday, November 2. Thursday will be Hereford day, with showing at 9:00 a.m. and sale at 1:00 p.m. Saturday's schedule will include junior judging contests for 4-H and FFA members.

T. Noble Brown of Webster is chairman of the 1955 event and the president of the newly-formed All-Florida Breeders Show and Sumter County Fair, Inc. Herman Beville of Bushnell is vice president, O. M. Maines, Jr., of Bushnell secretary, and J. F. Hays of Webster treasurer of the non-profit corporation. Directors include: J. C. Sutch, Coleman; A. D. Palmer, Wildwood; G. C. Perry, Jr., Oxford; L. L. Giddens, Webster; Odis Cowart, Center Hill.

Brown Purchases Herd of Herefords

T. Noble Brown of Webster has nearly doubled the size of his Florida Hereford Ranch registered herd with the purchase of the entire herd owned by his father, T. W. Brown, also of Webster.

Included in the purchase were approximately 50 brood cows of similar breeding to those owned by the younger Brown. "Larry Domino" breeding is featured in both herds, although the T. W. Brown has also used "Tommy Domino" bulls. Both herds were established in 1941.

With the new purchase, Florida Hereford Ranch will include some 125 brood cows. T. Noble Brown said he hopes to start a show herd next year.

For Extra Feeding Profit
COTTONSEED MEAL + STILBESTROL

and it's now available in combined form of 41% cottonseed meal with 5 milligrams of stilbestrol per pound.

Cottonseed Meal— is a proven High Protein Supplement that is both dependable and Economically Efficient.

Stilbestrol— is one of the Newest Assets to the cattle feeding business. Tests have proven that Stilbestrol induces a Greater and Faster Rate of gain in Beef Cattle.

Cottonseed meal & Stilbestrol combined— as we now offer them, means a High Efficiency Supplement that offers Greater Profits to the Cattle feeder.

For complete information and prices contact:
GREENWOOD PRODUCTS COMPANY
P. O. Box 97 GRACEVILLE, FLORIDA Phone 2211

We also have available the following feeds:

| 41% Cottonseed Meal | 41% Cottonseed Pellets |
| 96% Cottonseed Meal | 36% Cottonseed Pellets |
| Shelled Corn | Peanut By-Products & Molasses |
| Feed Oats | Ground Shucks & Cobs & Molasses |
| Snap Corn | |

Auctions Every MONDAY and WEDNESDAY
GLADES LIVESTOCK MARKET
Belle Glade, Florida

Auctions Tuesdays at Sarasota Cattle
AND COMMISSION SALES, INC.
Jerry Coleman, Manager
Sarasota, Florida

Northwest Florida's Largest Sale
Tindel-Williams LIVESTOCK AUCTION MARKET
Auctions Every Monday
Phone 2671 Graceville, Fla.

WE'RE IN THE MARKET for good quality feeder steers 400-800 pounds every day of the year.

QUINCY LIVESTOCK CO.
Cortell "Stoney" Edwards, Owner
QUINCY FLORIDA
Rugged Dependable Trailers

TWO HORSE TANDEM wheel with springs and equalizers for smooth, even ride. Tack compart-
ment, feed trough, double tail gates, swinging div-
ider board, sopl & tail light, 15' wheels.

TANDEM WHEEL CATTLE TRAILER, all steel frame, round steel nose. 2' floor. Length 11',
width 55', height 54'.

BUILT BY
HALE MFG. CO. Sherman, Texas

Florida Distributor
CECIL YATES
Kissimmee, Fla. Phone 4912

More Than 7,000
Recommend Portable

The Portable Cattle Chute Mfg. Co. has led the way for eleven years in making "America's Finest" cattle chute. This year we offer you more for your money than you can possibly get elsewhere.

To meet your specific needs we make two sizes:
Model 50A is the All Purpose Chute for Here-
ford, Angus, and Shorthorns.
Model 50B is the Special Chute for Brahman, Santa Gertrudis, Charollais, Beefmaster, and Brahman Crosses.

Write us for information about our New 1950 Models before you buy and indicate the size you desire.

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CHUTE MFG. CO.
618 W. Uvalde St. . CRYSTAL CITY . TEXAS

Importance of timber as a crop in West Florida is emphasized by this sign, "Trees Are Money Crops!"

TIMBER Greatest Asset of West Florida, Says Expert

Nieland praises work which has made this section one of nation's top producers of pulpwood and paper

by L. T. Nieland

Headlines would be made, and great fur-
or occur, if West Florida should strike oil in quantity. Yet this new wealth would be short lived. It would end when all of the oil is pumped out. And relatively few people would share in the brief heyday of prosperity. An oil well blows in and blows out and in the end leaves the neighborhood but little better off.

But in the case of West Florida's great renewable forest resource it is quite dif-
ferent. We don't need to go drilling for it. All we need to do is to let it grow. It is a far greater wealth producer than oil could ever be. The take would run into many millions of dollars every year. And the timber well need never run dry. Almost everyone would share in this kind of prosperity. Farmers, cattlemen and other timber owners would, of course, sit at the first table. Timber is to become West Florida's number one money maker.

Yet, strangely enough, compared to an oil strike, it creates very little excitement.

Now, let's take a quick look at the timber growing possibilities in the 15 West Florida counties between Tallahas-
see and Pensacola. The total land acreage adds up to 6,879,000 acres. Farms take up 1,937,000 acres. But the total acreage in cultivated crops is 720,000 acres or only a little over ten percent of all the land in these 15 counties. And, even on farms, more than half the acre-
age is still in timber and will, likely, re-
main in timber. So after taking out for towns, airports, roads and so forth, there are, all told, 5,000,000 acres available for timber growing and grazing. Farmers own a little more than 1,000,000 acres of the 5,000,000 acres of timber in west Florida.

Because farmers can manage their small sized timber holdings more inten-
sively than the owners of large tracts, a

fully stocked and well managed farm

woods should not bring in less, at pres-
ent prices, than $5.00 per acre, per year. This would add a tidy $5,000,000 to the yearly income of West Florida farmers. On the other hand, figuring only $2.50 per acre, per year, to be on the safe side, for the very large, extensive-
ly managed, timber holdings, we would have another $10,000,000 each year from West Florida's forests.

This total yearly income of $15,000,000

represents, of course, only the stumpage

price, or the price the forest owner gets

for his trees where they stand. Many more dollars are made, and spent, in the neigh-

(Continued on page 56)
Garbage Feeding Fattens Hogs In Bay County

Feeding from 350 to 500 head of hogs at a time on a ration of cooked garbage makes the operation of P. J. Adams of Crestview and Panama City one of the largest of its kind in West Florida.

Garbage feeding of hogs is a carefully inspected operation that calls for close supervision, special equipment and plenty of "know how" and on these points Adams also qualifies as one of the area's most efficient operators, according to R. M. Schoelles, inspector for the State Livestock Board. Schoelles, whose job it is to inspect garbage feeding operations, states that the two Adams operations are among the best that he has ever seen.

The Adams system involves a feed lot that features a self-feeding area approximately 12 by 50 feet—concrete floored and capable of accommodating 600 hogs.

Special equipment is involved in preparing the raw garbage for feeding. In this connection Adams employs a special truck that not only picks up the garbage but cooks it under pressure for the required 90 minutes at 212 degrees. When the garbage is completely cooked, the truck then moves into the feed area and distributes it in the pen. This pen is cleaned completely once a day.

The hogs themselves receive much special attention. Before they ever go into the feed lot they are isolated for 30 days at Crestview. During this time they are checked at least twice for various diseases and are certified for transportation to the feed lot only after having passed all tests and inspections and are found to be completely healthy. Once on the feed lot, Adams himself inspects the hogs during their feeding time. They remain on the feed until they have reached the Number One grade. Also, while on feed, the state inspector makes frequent visits to the lot at random to be sure that all state regulations are being complied with.

From 500 to 600 pigs at a time can be handled in this garbage feeding lot near Panama City. Hogs have access to shaded area.

ALL OF THESE SPELL FUTURE—AND THAT'S WHAT WE'RE INTERESTED IN!

The Bank of Crestview was founded to serve the people of this area. We are proud that in our 37 years we have seen a steady growth both in our community and in the agricultural industry about us. We are equally proud that we played a part in this growth. We are constantly planning and improving methods and facilities to better enable us to serve the future growth of this area. To this end, and to better serve you, our staff includes an agricultural specialist who is qualified and prepared to assist you actively not only with present day problems but in planning for the future. We invite you to visit our bank and bring us your problems—your plans. No matter how great or small, we are fully prepared to help.

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Crestview, Florida
Member Federal Reserve System

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Northwest Model 25 Dragline ditching on cattle ranch near Plant City, Florida. Dragline is owned by Lovell & Miles.

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Our Operation— is geared to meet the problems and to assist in the plans of our customers. Farm maintenance, upkeep, improvement and expansion are but a few of the phases of the industry in which we are prepared to serve your needs.

Our Future— lies in our ability to assist with your future. To this end we are constantly building and planning. Today's dream may well be tomorrow's reality. Let us help.

WE INVITE YOUR VISIT AND OFFER OUR FACILITIES TO SERVE YOU!

The First National Bank

IN MILTON, FLORIDA

MEMBER F.D.I.C.

Down in the HOG PEN

by T. W. Cannon, Jr.

The All Breed Sale sponsored by the Florida Swine Producers Association, August 19, at Quincy, was considered to be a successful sale even though prevailing conditions in commercial hog prices were down and the buyers were few. There were just enough buyers for the number of animals sold. There were only two bidders left when the last animal was sold. However we breeders feel that we have accomplished some real progress in the Florida swine industry by selling these animals to the many farmers and breeders in the state.

I would like to thank the buyers at the sale for their support and especially the buyers from Georgia and Alabama. I would like to thank members of the Association for their support in the sale. The next All Breed Sale will be held in February, so you can start now to select your best for this event. The fairs are just around the corner so you boys had better get your hog brushes and oil out and start grooming the animals. I think that appearance is a just credit to any breeder's herd in the show barns. The hair should be washed and brushed a number of times before an animal is put on exhibit. This adds to the fineness and quality of the animal and if you don't think so just ask the judge. Don't overlook clipping the ears and tails as this is an added neatness to your animal. I think this is an added neatness to your animal.

The annual meeting of the Florida Swine Producers Association will be held in Live Oak, October 20, 1955 at 7:30. The place of the meeting will be announced later. There will be another feature for you on October 21 at Live Oak, so come and spend the day. This is the time for the Suwannee County Fair and Livestock Show. The livestock show is open to the world for swine, and is considered one of the best in the southeast.

This is a mighty fine looking Duroc sow in the photograph above. She is owned by the Cannon Duroc Farm at Live Oak. Sows of this type are what most breeders strive for.

The Florida Cattlemen
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The forthcoming long prices and short supply of Louisiana White Dutch Clover will bring about recommendations for substitutes. FULTON-COLE has premium quality White Dutch Clover from one of the three largest growers in Louisiana. Cheap substitutes don't save as much as you think. The actual cost of the seed is one of the cheaper items in the establishment of a permanent clover pasture. Frequently trying to save 10-15 cents per pound on this item will jeopardize the original investment of $15.00-$18.00 per acre. The safest and most economical way to establish a permanent pasture is to plant the highest quality seed available. You will receive this type of seed when you purchase FULTON-COLE’S "F. C. BRAND" Premium Grade La. Grown White Dutch Clover seed analyzing 99% Pure and 95% Germination or better... For best results check the tag on the bag...

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for October, 1955
REGISTERED SWINE Sell in Live Oak and Quincy Events Held During August

Average of $84.32 paid at Cannon Duroc-Mountain Cove sale at Live Oak, while Florida Swine Producers' Association sale at Quincy sees $71.64 average

A total of 112 head of purebred swine were sold via the auction route during two sales held in Florida during the latter part of August.

An average of $71.64 was established on 54 head selling in the Florida Purebred All-Breed Swine Sale at Quincy on Friday, August 19, with the event being sponsored by the Florida Swine Producers Association, while 38 head of Durocs averaged $84.82 during the Combination Duroc Sale, sponsored at Live Oak on Monday, August 22, by Cannon Duroc Farm, of that city, and Mountain Cove Farms of Kensington, Georgia.

The Quincy sale grossed $386.80, while the Live Oak event came up with a total gross of $920.

54 Head at Quincy . . .

Durocs, Berkshires, Hampshires, Tamworths and Spotted Polan China in the form of bred gilts, open gilts and boars were represented in the Quincy sale which saw 90 bred gilts gross $957.50 for an average of $10.63, while 12 open gilts grossed $626 for an average of $52.17. A gross of $653, with an average of $54.22 was reached on the 12 boars that sold.

The sale animals were judged in the morning by Harry Boyles of Live Oak, long-time swine breeder, and the sale got underway at 1:00 p.m.

Top-selling animal in the sale was UF Pet Image, a Duroc bred gilt consigned by the Florida Agricultural Experiment Station at Gainesville and purchased by M. H. Frith of Donalsonville, Georgia for $135.

Top open gilt honors in the sale were divided between two animals, a Berkshire, Longworth Queen Joan, consigned by Worth Long of Houston sold to H. E. Markham of Ocala for $65, while the Jasper FFA Chapter paid the same price for Rocks Flower 1st, a Duroc consigned by Gatrell Duroc Farm of Fairfield.

Coy O'Brien of Altha bought the top-selling boar in the sale when he paid Cannon Duroc Farm of Live Oak $102.50 for Flashy Fascinator, another Duroc.

Largest buyer was M. H. Frith who bought 10 animals for a total expenditure of $975, while J. W. Markham of Ocala paid $495 for eight animals to become second largest buyer.

Boyles' placing of the sale animals was as follows:

**Durocs**


Open gilts—Rocks Flower 1st, Gatrell; Big Princesst, Carris, Gamble, Jasper FFA Chapter; Lady Foundation 6th, Lawton Duroc Farm; Boars—Circle 6th, Lawton; Ace Rock, Gatrell; Dixie's Rebel, Jasper FFA; Son of Fasciater, Jasper FFA.

**Berkshires**

Bred gilts—Suwannee Quality Blossom, Cundiff Brothers, Live Oak; Open—Miss Lawton Queen Joan, Lawton; Boars—Florida New Star 5th, Joe Cundiff, Jr., Live Oak, Longworth Lead, Long.

**Hampshires**

Bred gilts—(First Group): C. L. Executive Lars, C & J. Ranch, Earlejon; C. L. Lola; C & L Circle D Borringer 1st; Circle D Ranch, Marziona; (Second Group): Why Not, M. F. Reinau, Palatka; C. L. Lelie 15th, C. L. Circle D Millette 3rd, Circle D; (Group Three): Betty Low, Reinau; C. L. Circle D.

Open gilts—Circles D Ringer Belle, Circle D; Ann, J. Curtis Hudson, O'Brien; Betsy, Hudson; Lady Sue, Reinau.

**Spotted Polan China**

Bred gilts—Adams, Darlington; Quiney Queen, Adams; Glenda, Wesley Staples, Palatka; Willa, Staples.

Open gilts—Adams' Annette, Adams; Adams' Annette, Adams; Adams' Annette, Adams; Adams' Annette, Adams; Adams' Annette, Adams; Adams' Annette, Adams; Adams' Annette, Adams; Adams' Annette, Adams.

**Tamworths**


Bred gilts sold, listed by consignors, with purchaser and prices paid, were as follows:

Cundiff Brothers, Live Oak (Berkshire)—Suwannee Quality Blossom $85 L. C. Collins, Tallahassee; Cannon Duroc Farm, Live Oak (Duroc)—Fanciater Lady I 70 Clark Motor Court, Quincy; Miss Starlit Srd, Cannon; UF Pet Image, U of F; Red Venice, H. V. Dumas, Clarksville; UF Perfect Gal 109 D. W. Walker, Altha; Red Lady, Dumas; UF Perfect Gal 109 D. W. Walker, Altha; UF Perfect Gal 109 D. W. Walker, Altha.

**Coy O'Brien of Altha bought the top-selling boar in the sale when he paid Cannon Duroc Farm of Live Oak $102.50 for Flashy Fascinator, another Duroc.**

**Durocs Sold at Live Oak . . .**

GEORGIA'S MOUNTAIN COVE FARMS and Florida's Cannon Duroc Farm combined forces on the Duroc sale held at Live Oak on August 22, with Carman Y. Potter of Jacksonville, Illinois, serving as auctioneer.

The sale saw 35 bred gilts gross $562.50 with an average of $161.78, while eight open gilts averaged $68.75 with a gross of $545. An average of $810.16 was reached when 15 boars sold in the sale for a gross of $902.50.

An out-of-state buyer, Frances Sewell of Knoxville, Tennessee, bought the top-bride gilt when he paid $900 for MC Lood. Vexter 133rd, while the top open gilt was MC Miss Perfect 70th, going to Gatrel Duroc Farm of Fairfield for $70. H. V. Dumas of Clarksville bought the top boar in SM Smooth Admiral 2d for $125.

Total sale results showed that Garrett was the top buyer, purchasing 10 head for a total outlay of $602.50, while C. H. Ratliff paid $500 for six head, and William J. Quiale of Callahan bought (Continued on page 58)

The Florida Cattlemen
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★ Why are DUROCS more popular?
★ Why do DUROCS make more profits?
★ Why are DUROCS the best for Florida?

The answers to the above questions are valuable to you if you plan to enter the swine business or make more profits from your present operation. The answers to these questions and many others can be had by visiting with the breeders listed below. Remember that there are more Duroc breeders in Florida than of any other breed and also remember what many an “old timer” will tell you—when a red pig walks into the livestock auction market ring, the price always jumps a few cents. As a Duroc breeder, that means more money in your pocket!

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H. V. Dumas, Owner
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GATRELL DUROC FARM
FAIRFIELD, FLORIDA

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O’BRIEN, FLORIDA

CANNON DUROC FARM
LIVE OAK, FLORIDA
SUWANNEE Valley Swine Show Slated October 17-22

Cattle section being added for first time at this year’s event

Final plans for the 1955 edition of the Suwannee Valley Livestock Show, slated for Live Oak October 17-22, took shape at a recent meeting of the directors of the sponsoring group held in Live Oak.

Gerald Gamble, young Live Oak Duroc breeder, was appointed as manager of this year’s swine event and it was announced that Hubert Gamble, known in swine circles for his FFA activities, will serve as assistant manager of the show.

Announcement was also made that Carl Thompson of Oklahoma A & M College will serve as judge of the swine show and a banquet is slated for swine exhibitors, show officials and guests on Wednesday night, October 19.

Barrows will lead off the first day of the hog show, October 19, with the FFA barrow show slated to start things off at 8:00 a.m. The 4-H barrows will show next at 10:00 a.m. with the youth judging contest to begin at 1:00 p.m.

Next on the agenda will be the showmanship finals at 2:00, followed by the adult barrow division judging at 3:00, and the selection of champions and sale of champions to follow.

Breeding swine classes will be featured on Thursday, October 20, with judging of Durocs set for 8:30 a.m. Following will be Spotted Poland Chinas at 11:00, Berkshires will be judged at 1:00 p.m. and Tamworths at 2:00. Hampshires will be featured at 3:00 and the day will be concluded at 4:00 with the judging of Black Poland Chinas.

Premium money for the youth swine show includes $16 for first, $12 for second, $10 for third, $8 for fourth, $6 for fifth, and $1 for sixth through tenth place ribbons on individual barrow entries. The champion will receive a banner and $25 in both the individual and pen of three entries.

The adult barrow show features five placings for individual, pen of three and truckload lots with $20 for first, $15 for second, $10 for third, $7.50 for fourth, and $5 for fifth. Champions will get a banner and $25, while the reserve champion will receive $15 and a rosette.

The grand champion barrow of the show will be awarded $100 and a banner, while the reserve grand champion will get $50 and a rosette.

Breeding swine classes will see first place worth $8, $6 for second, $4 for third, and $3 for fourth. Junior and senior champions will receive $5 and a rosette, while champions will get $20 and banner and reserve champions will be awarded $10 and rosette.

October 21 will be devoted to the District 4-H Dairy Show and Contest, while on the afternoon of the same day, beef cattle will be judged at 9:00.

Catalogs and further information concerning the show may be obtained by writing Paul Crews, County Agent, Live Oak.

Champion barrows at last year’s Suwannee Valley swine show are pictured at right, top to bottom: grand champion, also adult champion, with Tom Cannon, Jr.; 4-H champion with Joe Gundy; FFA champion with Peyton Bemby.
Yarbrough Starts New Duroc Herd

One of Florida's newer purebred Duroc breeders reports that he changed the major part of his swine operation from commercial animals to purebreds because of the opportunities for increased profits and greater satisfaction.

This man is L. E. Yarbrough of Lake Butler who began pioneering the breeding of purebred Durocs in his immediate locality last January with the purchase of three bred gilts and one boar at the Cannon Duroc Farm in Live Oak.

He now has 15 brood sows (including nine open gilts) with plans to increase his herd to 20 top brood sows but continuing to maintain a small commercial herd on the side.

Yarbrough's main business is truck farming in the Lake Butler area with tobacco, beans and peppers being some of his main crops. He uses the snap bean wastage from the operation for hog feed.

This new purebred breeder, who has been in the commercial hog business for several years, conducts his swine raising on about 100 acres located just east of Lake Butler with 50 acres of Dixie 18 corn and Florida Runner peanuts being grown there. He plans to plant Florida oats in the peanut field for swine pasture also.

One of Yarbrough's most recent additions to his farm has been a barn and central farrowing pens. The pen has seven by 10 foot stalls with 14-inch high guard rails on three sides of each stall. Six of these are completed and six more are planned. The barn also has its own feed room and living quarters for a herdsman. Heat lamps will be added to the farrowing pens this winter, he reported.

Dan Carlock, Stuart ranch owner and president of the Junior Florida Cattlemen's Association, has been appointed state chairman of agricultural and conservation of the Florida Junior Chamber of Commerce.

News of Carlock's appointment came from recently elected state Jaycee President, Byrd Marshall.

Here's how cattlemen are saving up to 25% on feed costs

New research points out a startling fact... practically every herd across the country has worms! While most of these infections are light—no obvious symptoms like anemia or bottle jaw—they can add as much as 25% to feed costs.

Worm control in animals that don't look wormy is a new way for every cattle raiser to cut his feed bill. Reports show treatment is producing equal or better gains with substantial feed savings.*

The drug, Phenothiazine, is doing the job. With a new two-way control program, treatment is simple... no extra work involved. Doses of Phenothiazine, in feed or as a drench, knock out adult worms. Then, small amounts fed daily in supplement, salt or mineral mix, prevent reinfection... also cut hatchability of worm eggs to speed cleanup of contaminated pastures.

Start collecting profit you've been missing. Talk over Phenothiazine with your veterinarian, county agent or feed supplier. You'll help your young stock make better growth, better gains, smoother, faster finish.

Du Pont produces Phenothiazine for makers of animal health products and feed manufacturers. For additional information on worm control with Phenothiazine mail the coupon below.

*In 2-year studies, 600 weaner calves—all of which appeared healthy—were tested under ranch conditions. Animals treated with Phenothiazine, under the two-way program, produced better gains than control group... on 25% less supplement.
Setbacks
Don't Hurt
Swine Man
Adams rebuilds after
loss of two herds

If there is anything to the old saying about not being able to keep a good man down, then DeWitt Adams of the Westville community near DeFuniak Springs qualifies for honors. For Adams has had more ups and downs in his efforts to establish himself in the purebred Spotted Poland China business than might be considered his “fair share”.

But then Adams’ story is not so much one of set backs as an all out effort to produce top quality swine in a practical manner, despite adversities.

It all started back in 1948 when Adams, fresh out of the Army after four years (including service in Italy), started out to establish his farm. Establish might not be exactly the right word since he had to almost “create” a farm from cut-over timber land. But—establish, create, what have you—in 1950 he purchased his first purebred swine and settled down to what he thought was to be a future raising “Spotted pigs”. However, just as his herd reached 100 head, Brucellosis reared its ugly head and Adams was forced to sell for slaughter.

Moving north to Ohio and Indiana, Adams started his second herd in 1952. Again the herd took shape and started producing with every indication of success. This time it was VE and the herd stood at 225 head. The disease struck right between the Spring and Fall pig crops and Adams was caught very “flat footed”. Even at that, lie managed to sell 75 head of Number Ones before the disease struck. So again, a very sizable herd was wiped out.

Down, but never for long, DeWitt Adams took off for Indiana to begin herd number three. From Herbert Pagel of LaFontaine, Indiana, he purchased Pagel’s Ringer Miss, while the Lee Florea farm at Milton, Indiana, produced Lady Charm to form the basis for the new Adams herd. Tomorrow’s Star topped the Pagel production sale that same year, and Adams was the buyer as lie secured a boar for his herd.

Today—well today DeWitt Adams is back in the Spotted Poland China business with vigor. Pagel’s Ringer Miss is his pride and joy and has been averaging him eight pigs per litter right along with Lady Charm who is also holding her own as a brood sow. The brood sow herd now

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Cairo Livestock Supplies (Box 334) Cairo, Georgia
Southeastern Distributor for Dr. Rogers’ Famous Veterinary Supplies
numbers 13 head, mostly daughters of the original pair, 20 gilts which will be producing for the spring farrowing, 40 barrows and three boars make up the herd. One of the Ringer Miss’ sons, Little Herbie, is a promising herd boar and will share duties with Tomorrow’s Star, according to Adams.

Besides producing his own feed—Dixie 18 and Funks 74 corn with a 50-bushel per acre yield—Adams also raises turkeys and chickens. He is also leaning toward the cow business, he states, realizing that an ability to raise good feed on his own farm will be an asset. He has just purchased two purebred Hereford cows with calves at side and is looking around for a purebred sire to start his own herd off.

Mrs. Adams (Corene) runs the chicken “ranch” with the two Adams boys ages seven and nine in school. Adams tends his swine herd, grows the corn as well as 15 acres of oats and sometimes Soybeans and Hegari. An average of 60 bushels per acre on the oats and the “hogging off” of Soybeans and Hegari, just about takes care of the feed problem for Adams’ herd.

What about the future? Adams is confident that his top quality breeding will pay off in his swine herd. He feels that his next “pig crop” will be the pay off for previous set backs and that barring any future calamities, his herd should grow to be one of the best in Florida. He’d like to see some show ring competitor in West Florida for swine and cattle producers alike. And in conclusion, he believes his part of the state is one of the finest for producing livestock.

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Geo. A. Zellner, Owner
FLORAL CITY, FLA.

MEMBER: FLORIDA HEREFORD ASS'N.

for October, 1955
Standard Cattle

(Continued from page 32)

son with winter grazing based on oats, wheat and crimson clover with Bahia providing spring and summer pasturage.

The purpose behind the Standard cow and calf program is to supply feeder calves to local farmers.

This year, however, about 30 steers from Standard herd are destined to be fed out right at the farm due to the abundance of corn to be obtained at a reasonable price throughout the West Florida area.

Standard this year will be able to take care of the winter feeding of both the breeding herd and the steers with only the purchase of some protein supplement.

All in all, the operation at Standard Cattle Company, Bonifay, is practical and from all indications profitable. It is geared to tie in with the needs and advantages of the area.

WaDaCa Farms

(Continued from page 34)

WaDaCa Farms has been primarily Pensacola Bahia, but like many others in that section of the state, Watkins, too, is giving some attention to Coastal Bermuda with about 200 acres planted for grazing.

The WaDaCa plan calls for purchasing 500-pound steer calves and placing them on this pasture. Regularly, the calves are rounded up, culled and separated—some moving back to the pasture for more grass growth and others which have reached the desired size being sent into the feed lot. Usually the calves move into the lot at 750 pounds. Here they will be fed from 100 to 140 days.

Of the 1200 head that will be marketed this year, Watkins fully expects the majority to be of the Choice grade with some Goods and a few Commercial. He says: “We are aided in reaching this goal of U. S. Choice by frequent culling—getting rid of the ‘sorry doers’ that cost you money—and bringing along that good beef type steer to the best grade possible.”

At present, there are some 100 steers in the WaDaCa feed lot with another 100 head on the pasture. This is about standard for the operation which usually runs about three groups, number about 300 head per group, during the year.

The overall WaDaCa operation is modern and efficient with very little left to “rule of thumb.” Steers are weighed periodically to provide a close check on daily gains. Feed is stored conveniently right in the barn for putting into troughs. The ration consists of seven parts snapped corn, three parts of rice bran, two and one-half parts of cottonseed oil meal, two and one-half parts of ground peanut hay and ten parts of citrus molasses. The average daily consumption is about 95 pounds per steer.

Almost all of the WaDaCa fed steers are sold to Florida packers.

Feeders Wanted

THROUGHOUT THE CORN BELT states feed-lot operators are asking for more Brahman hybrid feeder calves, according to Jim Park, Eastern States Fieldman for American Brahman Breeders Association.

During the midwestern state fair circuit this summer many feed-lot operators contacted the Brahman exhibitors and inquired about the availability of Brahman hybrid calves, he said. They wanted from 10 to 250 head. The calves must weigh 400-500 pounds and grade choice.

The entire South has an opportunity to get a large share of this feeder calf business that formerly went to the Western states, if the Southern cattleman are able to provide these corn belt feed lots with the numbers and quality of hybrid feeders they are now looking far, says Park.

Feeder Calf Sales

(Continued from page 20)

year’s sale included 222 heifers, averaging $15.35 per hundred and $65 per head.

H. E. Wolfe of St. Augustine was largest Hereford buyer, spending $7353 for 131 head, while V. E. Whitehurst of Williston was runnerup, paying $7683 for 79 head, and Wallace Stevens of Fort Lauderdale was close behind, buying 120 head for $6910. Other large buyers included Smith Brothers of Micanopy, buying 77 head for $6528, Sid Larkin of Dade City, buying 51 head for $8454, and Harold McCullar of Gainesville, who purchased 69 head for $8935.

The top heifer price—at $24.25 per hundred—went to Mrs. Frank DeLand of Sparr for five head bought by H. Lester of Apopka. Top steers, also sold in a lot of five, were consigned by Miss Mary Edna Jackson of Gainesville and sold to C. R. Golson of Bell at $25.25 per hundred.

Buyers not already named, with amount spent in parentheses, were as follows:

Armour and Company, Tifton, Georgia ($125); G. W. Baker, Williston ($1744); Bass and Smith, Avon Park ($259); Dudley Bonner, Gainesville ($106); Herbert E. Brown, Trenton ($1260); J. W. Brownlee, Starke ($425); Roy Cullen, Alachua ($355); Fred Cone, Gainesville ($2561); F. H. Crabtree, Gainesville ($297); George F. Davis, Fort Pierce ($1055); J. W. Fidd. Wabasso ($37); H. C. Edwards, Gainesville ($1018); J. V. Edwards, Brooksville ($560); Millard Hart, Dade City ($550); Haulfer Brothers, Gainesville ($1069); J. A. Hendler, Gainesville ($437); H. F. Jack, Micanopy ($255); Longza Phosphate Company, High Springs ($1179); Ed Manning, Gainesville ($394); Horace Quinney, Trenton ($101); Ramsey Slaughter House, Gainesville ($385); Paul Randolph, Clewiston ($853); C. L. Saunders, Penney Farms ($1053); Shadow Lawn Farms, Penney Farms ($351); Harvey Smith, Gainesville ($553).

H. W. Sugars, Bradford ($1129); Swift and Company, Ocala ($2942); Everglades Experiment Station, Belle Glade ($2845); Lee Watson, Trenton ($679); L. R. Wise, Williston ($185); R. R. Wright, East Palatka ($195).
Brahmans Will Sell October 1

Kissimmee International slated by EBA

With the naming of Professor J. F. Hentges, Jr., of the Department of Animal Husbandry of the University of Florida, to judge, final planning for the first Kissimmee International Brahman Show, September 30, seemed to be firm.

The announcement of Hentges was made by O. L. "Slim" Partin, president of the Kissimmee Valley Livestock Show group at a meeting of directors in Kissimmee recently. The show will be held in the Kissimmee Valley Livestock Pavilion.

Designed particularly as entertainment for Latin Americans en route to Dallas, Texas, for the Pan American Livestock Show, the program includes judging of cattle at 10 a.m. Friday, a tea for the ladies at Tupperware Home Parties in the afternoon, a cocktail hour and barbecue dinner, followed by a football game during the evening.

Saturday is devoted largely to an auction of some 36 registered Brahman cattle in the Kissimmee pavilion.

The show and auction are jointly sponsored by the Eastern Brahman Association and the Kissimmee Valley Livestock Show. Special arrangements will be made to seat some 300 spectators and buyers during the sale.

A meeting of the directors also resulted in the naming of Clifford Chapman as chairman of a special committee on entries and barn arrangements. Serving with Chapman are Louis Bullis, A. E. Whaley, Charles Partin, Jim Smith and Sherwood Brown.

Willett Miller was named chairman of the committee in charge of the general program for the two-day festivities. He will be assisted by Carlyle Bronson, Merrill Woodbury and J. R. Gunn.

Members of the Kissimmee Chamber of Commerce will assist in staging the barbecue, and the Kissimmee Chamber of Commerce will assist with the registration of visitors who are expected to arrive beginning Thursday, September 29.

Latest FAS figures show that U. S. exports of grass and legume seeds in April of this year totaled over 1,000,000 pounds, or about 13 percent more than for April of last year.

Total exports from July 1, 1954, to April 30, 1955, were 48,700,000 pounds compared with 44,706,000 pounds for the same 10-months of 1954-55.

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RANCHES IN PINELLAS AND HILLSBOROUGH COUNTIES
Brahman Directors Hold Meet

QUENTIN BATES, state department agricultural attaché, told directors of the Eastern Brahman Association, meeting in Kissimmee recently, that a greater degree of direct contact between the buyer in Colombia and sellers in the United States would be greatly beneficial to the international trade in cattle.

Bates, returning to the United States after ten years in the foreign service, stopped over in Kissimmee on his way from Miami to Washington where he will assume new duties. He had recently completed two years' service with the embassy in Bogota, where he had been in close touch with the importation of some 4500 head of registered cattle annually.

Commenting on the recent drop in traffic in purebred cattle in the early months of this year, Bates blamed the condition on economic conditions in Colombia. He advised that present coffee prices, however, are satisfactory, and the economic situation is now regarded as "favorable".

One thing Bates warned against was the illegal practice of "kiting" invoices explaining that this device was used by some Latin Americans to take advantage of the favorable exchange rate for cattle purchases, by exchanging the excess dollars on the black market for a higher rate. If the practice persists, he stated, the Ministry of Agriculture will take steps to severely limit the importation of cattle. He added that it was to the American breeder's best interests to eliminate this problem as far as possible.

Bates also cited the complaint of some breeders about delays in obtaining import licenses and in getting letters of credit. But Bates pointed out that he had been assured just recently that the licenses are being issued in a maximum of 12 days, and that in many cases the delay was caused by a lack of pesos on the part of purchasing parties.

Bates also advised that one Colombian travel agency was preparing to bring an escorted party to the United States during October. The group is to arrive in Kissimmee from Miami on Friday, September 30, and will depart on Monday morning, October 3, for Sarasota, en route to Dallas, Texas.

While in Kissimmee the visitors will attend the Kissimmee International Brahman Show and Sale.

For more milk at breakfast, use milk instead of water in cooked cereals. Directions for cooking cereals in milk are usually given on the package.
A former U.S. Sugar Corporation bull, Sugarland's Albacrata Jr. 15th, recently added two impressive grand championships to his show record under new ownership “south of the border.”

New owner Eugenio Ferro Falla of Colombia, in a letter to S.L. Crochet, vice president in charge of sales for U.S. Sugar, writes: “...Sugarland's Albacrata Jr. 15th, 1953, obtained the Grand National Championship of the Cebu bulls in the recent National Exposition held in the city of Neiva, capital of the Department of Huila, where I showed him in competition with imported purebred bulls from North America and with purebreds born in this country which had, nevertheless, obtained the title of ‘Reservados’ or distinction.

“Thus Albacrata Jr. 15th has again proven his grand quality and in the same exposition demonstrated himself a good sire, since the first of his sons took first place in his class competing with young bulls six months older, since he, Potosi Albacrata Malabar 59, on the day of judging, was six months old, in competition with bulls one year of age.”

Falla concluded by saying that he was very proud of his grand champion and the showing of that bull's first son.

Following right on the heels of Falla's letter came a cablegram announcing that Albacrata Jr. 15th had won the Grand Championship of the Bogota International Exposition. This marked the second grand championship for the bull that prior to that had spent a year and a half with the breeding herd.

Back in November 1953 he was adjudged Grand Champion of the Girardot Show.
What power motivates an organization to grow, in three short years, from a bare handful of members to a position of leadership in the state?

A big part of that answer may be found in leadership, and to learn more about that, The Florida Cattlemen interviewed the two men credited with outstanding leadership in the Washington County Cattlemen's Association. As might be expected both President Ned Brock of Vernon and Secretary-Treasurer J. E. "Red" Davis of Chipley each credited the other to the fullest.

The Washington association's history dates back some 30 years ago, and, strangely, it was a Brock who was the outstanding leader of the organization at its start. This Brock was D. G., charter member and long time president who guided the group through many years. He was assisted by Jimmy Brock who was also a charter and very active member. These two men, both related to today's leader, were credited with "holding together" the group which they worked so hard to form. So it was that, with the passing of these two men, the old Washington County Cattlemen's Association died out.

With the end of the old association and a lapse of but a few years, we begin the history of the present and by far most successful edition. Three years ago some 30 livestock producers from the Washington and Holmes County areas banded together in an effort to reestablish the association.

The first objective of the officers of the revitalized group was a schedule of activities that would not only attract members but keep them active and interested. To this end they organized what is now an annual fat stock sale. This plan calls for members to feed out cattle starting in December. The number of cattle is left to the individual member, but the number of days of feeding is set at a minimum of 120 days. Last spring 300 head were sold at Chipley's auction market in mid-March.

Meetings also play an important role in the association's picture of activities. Directors meet once each month while the entire membership gets together quarterly at a meeting featured by a barbecue and an educational program.

Add to these activities still another plan that went into operation this month and which is intended to benefit not only members but livestock producers everywhere in the area. It is a night school which opened September 12 and will continue for 12 weeks.

The membership of Washington County Cattlemen's Association is currently 303 and thus ranks as the largest in the state. Besides Brock and Davis, officers are: E. D. "Buddy" Neal of Chipley, vice president; and Cletus Andrews of Bonifay, the group's state director.

Officers of the Washington County Cattlemen's Association—one of the state's oldest and now its largest—are shown in this photograph taken last spring, when the Washington association gave away a Hereford bull. Left to right, picture shows Ned Brock, president; Lee Stanton, past vice president; J. E. "Red" Davis, secretary-treasurer, and Cletus Andrews, state director.
J. B. CHADWICK RANCH
Santa Gertrudis Dispersion
San Marcos, Texas  ★  November 12th

The Offering:

FEMALES
- 20 S Cows
- 20 S Three year old bred heifers
- 12 S Cows
- 20 S & S Coming two year old heifers
- 32 Short yearling heifers eligible for certified purebred when of age

BULLS
- 5 King Ranch Running W herd bulls
  2 five year olds
  3 four year olds
- 12 Two year old bulls (certified purebred)
- 30 Bulls (short yearlings) eligible for certified purebred when of age

★

This Offering is the Widest and Most Complete Selection of Santa Gertrudis Ever Offered at Auction

The cattle offered at this dispersion are the result of seven years of careful selection and are the kind of Santa Gertrudis that would be an excellent addition to any breeder's herd. A breeding program featuring the use of King Ranch bulls on cows of Richard King and Sarita K. East breeding served as the foundation of this herd of cattle—along with a strict culling program based on a high standard for each individual animal.

All of the cattle are available for inspection at the ranch—10 miles Southwest of Hondo, Texas, before sale date.

Sale will be held at Green Valley Feed Co. Auction Barns, San Marcos, Texas

Walter Britten, Auctioneer

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SANTA GERTRUDIS BULLS
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Horse Sale: 10 A. M.  Bull Sale 2 P. M.
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25 Santa Gertrudis Yearling Bulls

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Write for Sale Catalog

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SANTA GERTRUDIS heifers on the range at "Fazenda Mosquito," King Ranch do Brazil, state of Sao Paulo, Brazil.

Four-year-old SANTA GERTRUDIS cow in the breeding herd of King Ranch Pty., Ltd., at "Risdon," Queensland, Australia. Weight, 1496 pounds.
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Floridians were among those attending the Santa Gertrudis classification demonstration held at Malatchie Farms near Perry, Georgia, recently.

Floridians Attend Santa Gertrudis Field Day

Several Florida breeders were among the more than 600 persons in attendance at the recent Malatchie Farms field day held at the farm near Perry, Georgia, home of a leading Santa Gertrudis herd.

The event, which had as its guest of honor the Governor of Georgia, Marvin Griffin, was described in Santa Gertrudis circles as "an outstanding event".

In addition to the opening address by Governor Griffin, other speakers on the program included: A. O. Rhoad, King Ranch geneticist; Tobin Armstrong, Santa Gertrudis breeder from Armstrong, Georgia; Joe Gayle, Malatchie Farms manager; Phil Campbell, Georgia Commissioner of Agriculture; and Dr. Glenn W. Burton, principal geneticist at the Georgia Coastal Plains Experiment Station. Governor Griffin opened the day-long event with his address at a Perry theatre which had been reserved for the opening ceremonies. From there, the scene of activities shifted to Malatchie Farms.

Mr. and Mrs Walter T. Forbes, owners, played host to the event which had as its theme "Industry and agriculture working together for a better economy." The event was hailed by Georgia agricultural leaders as one of the top livestock meetings in the state thus far this year.

A classification and breed type demonstration was given by R. P. Marshall, executive secretary of Santa Gertrudis Breeders International. He used 11 Santa Gertrudis heifers from the Malatchie herd in conducting the demonstrations. Each person present had an opportunity to indicated how he classified each animal before the official classification was made known.

Richard M. Kleberg, Jr., president of S. G. B. I. also spoke, using as his topic "Our Santa Gertrudis Program," while Rhoad spoke on "Fitting a Breed to Meet the Needs." Armstrong presided for a question and answer period and Manager Gayle outlined the Malatchie program. The Santa Gertrudis movie was also shown.

Lunch was a barbecue held under a large tool shed at the farm. During this time, talks were given by Campbell, and Dr. Burton.

Hoke Smith, area conservationist with the Soil Conservation Service, and his assistants were slated to lead the tour of the Malatchie operation but a heavy rain storm cancelled this portion of the program.

Certified Purebred Santa Gertrudis

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The Florida Cattleman
SG Story Told in New Booklet

Origin of breed is emphasized

According to the booklet “Santa Gertrudis” the breed’s name derives from a land grant originally conferred by the Crown of Spain. The original land grant is now part of the Santa Gertrudis Division on which is located the headquarters of the 940,000-acre King Ranch in South Texas.

These and many other interesting facts about the Santa Gertrudis breed are to be found in the colorful 16-page booklet available through Santa Gertrudis Breeders International.

The origin of the breed on the King Ranch, according to the book, began about 1880 when the hardy but low-productive Longhorn first started to give way to the purebred Herefords and Short-horns. While these herds maintained a good record over a period of years, the booklet states, after several generations the King Ranch found that it was difficult for these improved cattle to maintain their standard of excellence. Therefore it was deemed necessary to develop a more hardy type of cattle.

To this end, and starting in 1910, there was introduced into the King Ranch herds Brahman blood. The cross between the Shorthorn and Brahman so pleased King Ranch that it was decided to convert the entire herd of more than 2500 very select purebred Shorthorn cows by the infusion of Brahman blood.

Early in the second phase of this work a very outstanding bull calf was produced. This youngster was of a very distinctive red color and possessed of an excellent disposition. Deep, beefy and heavy for his age he weighed 1100 pounds at 12 months of age on full feed. His name—of course—was Monkey.

Monkey became the foundation sire of the breed and all Santa Gertrudis cattle are descended from him.

Before he died in 1932 (after nine years service in the King Ranch herd) Monkey produced more than 150 useful sons which were used on select herds of Brahman-Short-horn crossbred cows at King Ranch.

In 1940, some 30 years after the first experiment was initiated, the Santa Gertrudis was officially recognized as a pure breed. The booklet concludes its section on the origin of the breed by saying: “It is the only distinct American breed of cattle.”
Selection of Charolaise in Progress for Tampa Show

A screening committee headed by C. C. Land of Apalachicola is busy selecting the ten head of purebred Charolaise cattle which will be exhibited at the 1956 Florida State Fair according to W. A. Krusen of Tampa, president of the Eastern Charolaise and Charbray Association.

According to Krusen, Land along with I. A. Krusen of Zephyrhills and Russell Farmer of Wauchula have been conducting a preliminary screening during September and will conclude with a final inspection in October. The plan is to select ten head of purebred Charolaise that are considered representative of the breed to be exhibited at the State Fair from January 30 to February 11, 1956.

The number of head allotted to the fair has been limited, Krusen points out, to the number of stalls assigned to the breed by the fair's Livestock Committee. It is therefore important, he added, that anyone wishing to compete advise the association as soon as possible so that their prospective entries may be screened.

This will be the first time in history that Charolaise cattle will be exhibited at the fair with the official sanction of the Livestock Show Committee. In previous years Charolaise and Charbray have been exhibited by individual breeders at their own discretion and not as a part of the regular livestock show. Credit for the official recognition of the breed to be a part of the livestock show was given to Bryant E. Pearce of Fort Myers and Farmer who, according to Krusen, worked for some time on the project and culminated their efforts by meeting with the fair's livestock committee and representatives of other breeds in Tampa during the summer. From this meeting came the announcement that Charolaise will be admitted to the fair as exhibitors.

In addition to screening for Tampa the committee is also in the process of selecting bulls for the next Brooksville feeding tests which will be conducted at the Experiment Station from November to March. According to Krusen, the committee will screen the animals, making recommendations to the State Committee.
New Packer Opens at Belle Glade

The first slaughter-house in the Glades area, the Kunkel Meat Company, went into operation about September 1 after three years of planning, according to owner Robert J. Kunkel.

The new slaughter-house is located two miles north of Belle Glade and about a half-mile south of the Glades Livestock Market at the old ramie plant.

With a potential capacity of 250 head per week, the Kunkel plant will gradually increase production from 50 head per week at present to that full-production figure, Kunkel advises.

The Kunkel family has been associated with the meat company business for many years. Robert started buying cattle at the age of 14 and his father operated a plant at Binghamton, N. Y. until three years ago when he sold to Swift and Company and started his plans to move to Florida.

However, the elder Kunkel was not destined to see the realization of his dream to establish in the Glades area of Florida. He died en route from Pennsylvania in March of 1954. So the younger Kunkel has taken over the project his father started and opened the plant after several months of looking over sites and making preliminary plans.

After approval of the building by the Florida Livestock Board, equipment, including a 2000 cubic foot cooler, was installed.

Kunkel's plans call for serving local markets by making the higher grades of local beef available as well as offering custom slaughtering for Glades families.

Calf Sale Set In Blountstown

More than 350 feeder, stocker and slaughter calves are expected at the West Florida Cattlemen's and Livestock Association first Calf Sale at the Tri-County Livestock Auction Market in Blountstown, Wednesday, October 12.

According to Gerald Cayson, president of the West Florida group, the offerings will include several lots of good quality heifer calves for those wishing to improve the quality of their breeding herds. Some good feeder steers have also been consigned.

"We're looking for support from feeder and stocker buyers, as well as from cattlemen, in this auction," Cayson predicts. Further information can be obtained by writing or phoning him at Blountstown.

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WINTER GARDEN, FLORIDA

for October, 1955
West Fla. Timber

(Continued from page 38)

bord when the trees are cut and hauled to the mill. A cord of pulpwood in the standing tree may bring only $5.00, but, when cut and loaded on board the railway car, this cord has advanced in price from $5.00 a cord to more than $15.00. A cord of pulpwood really puts a lot of money in circulation. And so it is with sawlogs, crossties, poles and piling, veneer wood, and all other forest products.

Farmers and cattle ranchers too, in West Florida have come to realize that there is a bright future in planting pines on their idle acres. They have accepted timber as one of their important cash crops. County agents and foresters have been helping to distribute millions of slash pine seedlings to farmers and other owners of small woodlands each year. One can see more planted pines on farms in any west Florida county than can be seen on a trip from Pensacola to San Francisco, by any route one can travel.

Much credit for these large forest plantings on farms should go to the West Florida pulp mills. To stimulate tree planting and insure future wood supplies for their needs, the International Paper Company in Panama City and St. Regis Paper Company at Pensacola have been making millions of pine seedlings available free for farm plantings in eight West Florida counties.

Cattlemen in West Florida are also becoming more and more aware of their opportunities in growing some timber as a side line to the cattle business. The mild flatwoods, especially in the southern parts of most West Florida counties, are particularly adapted to a combination of grazing and timber growing. Cattlemen have found that a few thousand dollars picked up in a timber sale, especially at a time when beef prices are a little off, doesn't hurt a bit. And, very little grazing is lost when a few blocks of land, too poor for grass, grow up in trees here and there on the range. They make a good cattle shelter too when the cold, sleety winds blow in winter. Cattle and trees seem to go together like grits and gravy.

Even the timber grower would do well to graze some cattle in his woods. Wood fires are a constant menace. Fire in the forest, is like hoof and mouth disease in a herd of cattle. Fire is the scourge of the woodlands, and must be conquered. 100-foot wide, closely-grazed, fire barriers prevent fires from crossing over barriers prevent fires from crossing over and spreading into the woods. And such a program provides forest fire protection at a profit, instead of an expense, because the income from cattle sales more than pays for establishment, and maintenance, of the wide grazing strips.

The Florida Cattlemen
Bankers Recognize Cattle

New emphasis has been placed on the role of cattle in the state's overall agricultural picture by the Florida Banker's Association, which now has a cattle committee as a part of its organization.

Organized under the Agricultural Division, the new cattle committee is headed by J. C. Malone, Jr., chairman, and president of the First National Bank, Milton.

The primary functions of the cattle committee are varied and of importance to the cattlemen of the state. They include the cooperation of the committee with the Florida Cattlemen's Association in its "Eat More Beef Campaign." Another objective will be to interest more banks, particularly the larger ones, in cattle lending possibilities. The encouraging of banks, again the larger ones in particular, to employ Farm Representatives will be another field of endeavor for the group.

Support of the local cattlemen's association by the bank in the area will also come in for some effort on the part of the committee. And finally, the committee will have charge of a one-day Banker's Agricultural Credit Conference each year—this year in Clewiston.

Members of the committee have been appointed include: To serve three years: Brown Austin, executive vice president of the Lee County Bank, Fort Myers; H. M. McIntosh, president, Bank of Pahokee; Robert N. Norris, agricultural representative, First National Bank, Tampa; Douglas Oswald, farm representative, Commercial Bank and Trust Company, Ocala.

To serve for two years are: Warren E. McNulty, vice president, Punta Gorda State Bank, Punta Gorda; H. S. Moody, president, Manatee River National Bank, Bradenton; C. W. Palmore, president, People's Bank of Annapolisdale; Philip A. Sargent, vice president, Peoples Bank, Crescent City; James H. Wiles, executive vice president, Okeechobee County Bank, Okeechobee.

Serving one term are: Gene A. Brock, vice president, Wauchula State Bank, Wauchula; Louis I. Day, president, Commercial Bank, Live Oak; Henry Elliott, Jr., president, First National Bank, Defuniak Springs; Lovick Holtzendorff, executive vice president, DeSoto National Bank, Arcadia; and James J. Love, director, Quincy State Bank, Quincy.

Dr. T. J. Cunha, head of the Department of Animal Husbandry and Nutrition, University of Florida, has been named as consultant to the committee.

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Mays New Brangus President
J. Arden Mays of Plant City was elected president of the Eastern States Brangus Association at that group's annual meeting at Gainesville in early August, while Eugene Griffin of Bartow was elected vice president. Another Plant City Brangus breeder, Joe R. Gramling, was elected to the office of secretary-treasurer, but has since resigned due to pressing business matters and fellow townsman Keith Avery is acting in that capacity.

Much of the meeting was devoted to the discussion of the National Brangus Show which is to be held in connection with the Southeastern Fat Stock Show and Sale at Ocala in March. The Eastern association voted to provide $500 in premiums for this show, and it is expected that the Southeastern will match it with a substantial amount. The group also decided to hold the Eastern show at Plant City during the annual Strawberry Festival, February 27-March 3.

Swine Sales
(Continued from page 42)
four animals for $495.
Bred gilt sold, listed by consignor with purchaser and prices paid, were:
Cannon Dorc Farm—Star Gal $92.50 Ratliff; Star Gal 3rd $92.50 Ratliff; Star Queen $100 Quaile; Star Queen 2nd $85 Dumas; Star Queen 3rd $87.50 English; Star Queen 4th $90 Bill Allison, Valdosta, Ga.; Lady Star Alice 2nd $80 Dumas; Lady Star Alice 3rd $87.50 Gattrell; Fantasy Star Lady $85 Dumas; Lady Star Model 1st $90 Ratliff; Lady Star Model 2nd $92.50 Gattrell; Lady Star Model 3rd $95 Dumas; Lady Star Model 4th $85 Dumas; Lady Star Model 5th $85 Dumas; Star Jubilee Lady $92.50 Ratliff; Star Jubilee Lady 1st $72.50 Dumas; Fascinator Gal 1st $85 Seldom Rest Farm; Fascinator Gal 2nd $100 J. F. Jacobs Nahitun, Ga.; Fascinator Gal 3rd $85 Seldom Rest; Miss Star Glow 1st $77 Seldom Rest; Miss Star Glow 2nd $82.50 Gattrell; Lot 59 $100 Dumas; Mountain Cove Farms—MC Lady Velvet 153th $900 Sewell; MC Lady Promoter 29th $80 A. Phillips; Rawlestone; MC Lady Velvet 155th $100 H. C. Wilkinson, Valdosta, Ga.; MC Lady Velvet 156th $100 C. E. Hitchett, Grant, Ala.; MC Lady Velvet 157th $140 Quaile; MC Lady Velvet 158th $105 J. M. Phillips and Son, Live Oak; MC Lady Velvet 139th $85 Gattrell; Lady Star Model 158th 85; MC Lady Promoter 227th $87.50 Jacobs; Mc Sparkle Lady $110 Ratliff; MC Miss Perfect 76th $70 Gattrell; Lot 28 $100 Dumas; Mountain Cove—Lot 44-0 $85 Gattrell; Lot 44-98 $92.50 Gattrell; MC Lady Pattern 3rd $50 Gattrell; Lady Admiral 150th $60 Gattrell; Lady Admiral 151th $57.50 Gattrell; Lady Perfect 76th $70 Gattrell; Lady Admiral 150th $52.50 Jacobs; Lot 56 $52.50 Allison; Mountain Cove—Lot 44-0 $85 Gattrell; Lot 44-98 $92.50 Gattrell; MC Lady Pattern 3rd $50 Gattrell; Lady Admiral 150th $60 Gattrell; Lady Admiral 151th $57.50 Gattrell; Lady Perfect 76th $70 Gattrell; Lady Admiral 150th $52.50 Jacobs; Lot 56 $52.50 Allison; Mountain Cove—Lot 44-0 $85 Gattrell; Lot 44-98 $92.50 Gattrell; MC Lady Pattern 3rd $50 Gattrell; Lady Admiral 150th $60 Gattrell; Lady Admiral 151th $57.50 Gattrell; Lady Perfect 76th $70 Gattrell; Lady Admiral 150th $52.50 Jacobs; Lot 56 $52.50 Allison; Mountain Cove—Lot 44-0 $85 Gattrell; Lot 44-98 $92.50 Gattrell; MC Lady Pattern 3rd $50 Gattrell; Lady Admiral 150th $60 Gattrell; Lady Admiral 151th $57.50 Gattrell; Lady Perfect 76th $70 Gattrell; Lady Admiral 150th $52.50 Jacobs; Lot 56 $52.50 Allison; Mountain Cove—Lot 44-0 $85 Gattrell; Lot 44-98 $92.50 Gattrell; MC Lady Pattern 3rd $50 Gattrell; Lady Admiral 150th $60 Gattrell; Lady Admiral 151th $57.50 Gattrell; Lady Perfect 76th $70 Gattrell; Lady Admiral 150th $52.50 Jacobs; Lot 56 $52.50 Allison; Mountain Cove—Lot 44-0 $85 Gattrell; Lot 44-98 $92.50 Gattrell; MC Lady Pattern 3rd $50 Gattrell; Lady Admiral 150th $60 Gattrell; Lady Admiral 151th $57.50 Gattrell; Lady Perfect 76th $70 Gattrell; Lady Admiral 150th $52.50 Jacobs; Lot 56 $52.50 Allison; Mountain Cove—Lot 44-0 $85 Gattrell; Lot 44-98 $92.50 Gattrell; MC Lady Pattern 3rd $50 Gattrell; Lady Admiral 150th $60 Gattrell; Lady Admiral 151th $57.50 Gattrell; Lady Perfect 76th $70 Gattrell; Lady Admiral 150th $52.50 Jacobs; Lot 56 $52.50 Allison.
As offering of 50 top purebred horned and polled bulls will feature the Florida Hereford Association's annual auction at Webster Thursday, November 3, according to Lovette Jackson, president of the group.

"All of the offering will be of breeding age—18 months or older—and several will be mature bulls, three years old or older,"he said.

Jackson also pointed out that the association's siring committee has stressed weight-for-age in the consignments this year. Minimum age for the sale is 18 months with these animals weighing a minimum of 1250 pounds. Animals 24-36 months of age should weigh 1250-1450 pounds and those that are over 36 months should weigh 1650 pounds or more.

"We are stressing good weight-for-age in these sale bulls,"Jackson explained.

The sale is held each year on "Hereford Day" at the Sumter All-Florida Breeders' Show at Webster in the Sumter Livestock Pavilion. Auctioneer will be A. W. "Ham" Hamilton of Lewisburg, West Virginia, with the sale slated to start at 1:00 p.m.

Consignors include: Ralph Alberding, Astatula; A. E. Cayson and Sons, Blountstown; Cock O'Walk Ranch, McIntosh; Emerald Acres Ranch, Orlando; Finley Farms, Ocala; E. D. Gregory, Dinsmore; H. B. Harrell and Sons, Leesburg; Jackson Hereford Farm, Gainesville; D. N. Malloy, Marianna; Melton Hereford Ranch, Gainesville; Midvette Hereford Farm, Tallahassee; W. J. Newman, Holopaw; Lawrence Russell, Gainesville; Santa Fe River Ranch, Alachua; Silver Oaks Ranch, Ocala; University of Florida, Gainesville; Dr. George Zeagler, Palatka.

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Spencer Brothers Combine Timber and Herefords

Milton concern finds cattle are an asset in connection with lumber operation

Cattle and pine trees just naturally go together. That’s the statement of Holly Spencer and the opinion of the Spencer Brothers Incorporated—“Timber and Cattle”—of Milton.

According to the Spencers, who operate a tree and cattle farm as well as a saw mill and house building business, the combined operation of timber and cattle go together like the proverbial bacon and eggs.

Holley, who operates the better than 9,000 acre farm and is therefore known as the “outside man”, states: “There are many advantages to combining timber and cattle into an operation—although as far as cattle are concerned, right now profit isn’t one of them. However, we have proven that while you are taking care of the trees, it doesn’t take much more effort to care for some cattle. In fact the cattle will actually help you cultivate the timber growth. Some people will tell you that cows will eat seedlings but that’s not true. Rather, we have found that the cattle keep the undergrowth cut close thus giving the young trees a chance and also reducing the fire hazard.”

However, this should not lead one to believe that the Spencer herd is nothing more than a four footed fire department that roams the woods in search of something to eat. The herd, which includes 100 purebred Hereford brood cows—50 of them registered—have access to better than 200 acres of highly improved pasture where they spend most of their time.

The woods grazing is merely a part of their diet with Pensacola Bahia in abundance in the pastures. Also, there are about 100 acres of crops including corn and Hegari Millet which are grown as silage and winter feed for the herd as well as a steer fattening ration.

Holley, as the “outdoor man”, is kept very busy indeed tending the diversified program. This year, for instance, he oversaw the planting of some 168,000 seedling trees which will form the basis for a timber crop to be harvested 15 years from now. He put up 300 tons of silage for the herd, supervised the cutting of this year’s crop of marketable timber and is also planning to start a steer feeding program.

According to Spencer, it takes about 15 years of growth to produce a market—
able tree—usually for pulp wood. Therefore the management of a tree farm calls for close supervision of timber cutting and the prompt planting of new trees if the yield of wood is to be insured through the years. So the Spencers have replaced as they have cut, planting 50,000 new trees in the 1953-54 season, 100,000 more in 1953-54 and the 168,000 this year. The planting season extends from November through March and the young trees are set out by machine. The harvest, on the other hand, will come from about 1000 acres of marketable timber on the Spencer farm which is made up of 11 to 15 year old trees.

Speaking on the cattle operation, Holley said: "A few years back the bull market was most attractive and profitable. However, with the demand lessened for purebred bulls and steers for feeding showing a good demand, we are leaning more toward producing feeders. Also, since we are able to grow so much of our own feed quite cheaply, and in quantities in excess of what the herd demands in the winter, we will probably feed out about 100 head this winter, including 30 select steers. I am already selecting these steers very carefully since I would like them to be the very best."

Two registered sires head the Spencer herd. They are 7.E.G. Domestic Mischief 56, bred by Jim and Fay Gill of Coleman, Texas, and Relsons Victor Domino 21, bred by R. E. Lambert and Sons of Darlington, Alabama. Controlled breeding was aimed at a March to September calf crop is in progress at the Spencer farm.

Last year the Spencer tree farm yielded about 2000 cords of pulp wood, the bulk of which went to the St. Regis Paper Company in nearby Cantonment. Very little of the Spencers own lumber ends up at their saw mill. The better than 500,000 board feet of lumber that was processed at the mill last year was either purchased in log form or cut from tracts leased for that purpose.

Rounding out the Spencer operation is the contracting business.

Whitehair Consigns To Melton Sale

When Melton Hereford Ranch of Gainesville holds its first production sale next January 7, Francis P. Whitehair of DeLand will be a guest consignor, selling three breeding-age bulls and seven bred heifers, A. E. Melton has announced.

50 head are being offered in the sale, including 30 bulls and 20 heifers, Melton reports.

J. M. McKinney of Cross City has reported the sale of nine Hereford bulls, 12 cows and seven heifers to C. Dave Ganus, also of Cross City.
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We are at this time offering for sale, 34 polled Hereford heifers, ages 11 to 16 months—22 purebred registered and 12 purebred unregistered.

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Care in Marketing One Way To Increase Cattle Income

Selling cattle when others aren’t means getting the best prices

by W. K. McPherson*

The commercial beef cattle industry consists of three highly specialized enterprises: (1) calf production, (2) converting calves into stockers and feeders, and (3) converting feeders into fat slaughter animals. Some Florida cattlemen operate ranches based on only one of these enterprises while others combine two or more of them into a single ranch operation.

Here are some of the essential characteristics of each enterprise and suggestions as to how they can be combined to take advantage of the established seasonal variations in beef cattle prices.

The calf production enterprise consists of: (1) maintaining a breeding herd, (2) producing fat calves in the spring and summer months, and (3) selling calves weighing from 250 to 450 pounds when the feed supply dwindles in the fall. Cattlemen specializing in calf production have a relatively high investment in a breeding herd and sell their finished product on the depressed fall cattle market. On the other hand, calf production does provide a profitable use of low cost feeds in several parts of the state.

Converting calves into stocker and feeder cattle consists of buying calves in the fall and selling yearlings weighing from 500 to 800 pounds the next spring or summer. This enterprise gives a cattleman the threefold advantage of: (1) a relatively low investment in live animals, (2) buying calves at relatively low prices prevailing each fall, and (3) selling stockers and feeders at the relatively high prices prevailing in the spring and summer months.

Offsetting these advantages is the fact that it is more expensive to feed cattle in the winter than in the summer. Florida ranchers who have been able to develop a supply of low cost winter feed, find this enterprise particularly attractive.

Cattle feeding or finishing enterprises consist of: (1) buying stockers and feeder animals weighing from 500 to 800 pounds, (2) either dry lot or grass feeding them to finished slaughter cattle (preferably weighing from 900 to 1,100 pounds), and (3) selling slaughter cattle to packers. The investment in this enterprise is larger than for converting calves to stockers and feeders, but somewhat less than for calf production.

On the downward swing of the cattle cycle, feeding is generally more profitable than when cattle populations and prices are rising. The profitability of producing fat cattle depends upon the ability of a rancher to select the kind of feeder cattle that will gain weight economically, and secure a source of low cost feedstuffs.

These three types of enterprises are so well established in the industry that cattle prices exhibit well-defined seasonal trends (see attached chart). When the supply of feed from pastures disappears in the fall, farmers market cattle and calves in large numbers. This almost always depresses the September, October, and November prices of grass-fed cattle.
Lawrence Russell
IS CONSIGNING THESE THREE TOP QUALITY
Polled HEREFORD Bulls
In All-Florida Bull Sale
November 3, 1955
Webster, Florida

An outstanding three year old breeding bull with calves born right here in Florida to show for themselves. A royally bred bull with both sire and dam from the famous Circle M Ranch of Senatobia, Miss. This bull is a grandson of the all-famous Circle M Ranch Rollo Domino 12th, one of the top producers of the breed. He is sired by a brother to Santa Fe River Ranch's $20,400 bull. This bull was grand champion and top seller at the East Tennessee Polled Hereford show and sale in 1954. We showed him at Tampa and Orlando this past February. At Tampa he placed second in class and was Reserve Grand Champion at Orlando.

A two year old bull showing some of the top breeding in the country. The son of another top Circle M Ranch sire, we know this bull to be a top breeder of the right type and with a typical Polled head. See this bull and I am sure you will like him.

This two year old bull we brought to Florida at nine months of age. He features some of the world's top Polled blood—Choice Advanced and Domestic Mischief 6th—the breeding that made Halbert and Fawcett famous. This bull has size, scale and plenty of bone, with a real Polled head.

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a cent or two lower than the prices that prevail either just before or just after the heavy fall marketings.

On the other hand, farmers who raise corn buy stockers and feeders in the summer and fall months, feed them corn and other feed concentrates during the winter and sell slaughter animals in the spring. This in turn depresses the spring market for fat cattle.

The net effect of the cyclic characteristics of cattle prices is: (1) prices of cattle which can use grass efficiently are relatively low in the fall and high in the spring, and (2) prices of cattle fattened in feedlots are seasonally low in the spring and high in the fall.

Inasmuch as cattle prices tend to equalize in the entire national market (after cost of moving animals from surplus to deficit producing areas is taken into account), farmers can take the seasonal characteristics of these prices into consideration when making decisions as to what kind of animals to produce and when to offer them for sale.

An increasingly large number of Florida cattlemen are doing this and in doing so are increasing their profits by taking advantage of two rather clear cut opportunities. These opportunities are: (1) combining the enterprise of converting calves into stocker and feeders with the production of fat cattle, and (2) combining the calf production enterprise with the conversion of calves into stockers and feeders.

In Florida it is entirely feasible to buy high quality calves in the fall, winter them on pasture and/or harvested roughage and place them in the feedlot when they weigh from 700 to 800 pounds. By combining the two enterprises it is possible to: (1) buy calves on the depressed fall markets for grass-fed animals, (2) sell all animals at a higher price, (3) schedule feeding operations over sustained periods of time, and (4) sell a substantial number of fat cattle in the fall when prices are seasonally high.

However, the opportunities for profitably combining these enterprises is definitely limited by the scarcity of locally-produced calves that have sufficient quality to produce Good, Choice and Prime slaughter cattle. Many cattlemen who have combined the enterprises of producing feeders and slaughter cattle find it necessary to buy calves from the western range states and pay from $2.00 to $3.00 per hundred transfer cost.

Other ranchers are finding it profitable to combine the calf production enterprise with the production of stocker and feeder cattle. This combination of enterprises enables a cattlemen to: (1) utilize summer and winter pastures, (2) sell stockers and feeders as yearlings when the price is seasonally high, and (3) secure the national market price plus transfer costs.
Hereford cow, with calf at side, was photographed with A. G. Cayson of A. E. Cayson and Sons, Blountstown, at the livestock pavilion in Quincy two years ago. The Caysons own what is probably West Florida's oldest Hereford herd.

Hereford Directors Meet in G'ville

Association sales was the main topic of discussion as directors of the Florida Hereford Association met at the home of President Lovette Jackson, near Gainesville, on Tuesday evening, September 13.

Meeting on the eve of their annual feeder calf sale in Gainesville, the directors discussed the annual association bull sale at Webster which will include 50 polled andhorned bulls and, for the first time, will feature weight-for-age requirements for animals consigned.

Jackson announced that A. W. “Ham” Hamilton of Lewisburg, West Virginia, had been secured to serve as auctioneer at the sale which will start at 1:00 p.m. on Thursday, November 3. It will be held in conjunction with the annual Sumter All-Florida Breeders' Show at Webster.

Directors decided that the annual spring sale to be held at Ocala during the Southeastern Fat Stock Show should include a total of 50 head in the offering to be made up of 30 bulls and 20 heifers.

The membership will be polled concerning the Ocala sale and the number of cattle that each member may consign will be left up to the discretion of the president and his committee.

Jackson and the directors also discussed at some length the possibility of sponsoring a Hereford calf sale at some future date.

Experience and research show it is impractical not to supplement with protein when pasture and roughage fail to provide adequate amounts.

Matured pastures and ordinary roughage usually provide only 20 to 50 per cent of the protein supplied by best grazing.

Use COTTONSEED MEAL or PELLETS, to supply needed protein, plus phosphorus, most economically for best calf crop percentage, weaning weights, breeding herd condition, and feedlot gains.

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for October, 1955
Crossbreds

Used for Ranch, his own best to fit the cattle."

That is that cattle should be own ing his own spread. 30 years later, cowboy began marked the culmination of a dream that Ox Bow Ranch in acres of range land that was to become feels that it is a "natural."

Weldon Smith purchased the 2120 acres of range land that was to become Ox Bow Ranch in 1950. The purchase marked the culmination of a dream that began 30 long years ago when he was a young "cow puncher" in Nebraska.

Smith left a job as a $40-a-month cowboy on a Nebraska ranch to go "to town" where he hoped to earn more money faster and thus come closer to owning his own spread. 30 years later, after working as a public accountant and utility company executive, Weldon Smith arrived in Defuniak Springs to start his dream into production.

But that's where dreaming ceased, as Smith set out from the very first to prove that he was a practical cattleman, with ideas of his own and certain points that he was going to prove, one of the main ones being raising the cattle to the range.

Perhaps the greatest testimony to his success in proving this point came recently when a neighbor said: 'Smith, I don't see how you raise the kind of calves you do on nothing more than milk and wire grass.' Smith will smile when he tells you that one, because the secret of his operation, which really isn't a secret at all, lies in those two factors—milk and wire grass plus, good cows and bulls.

The Ox Bow herd consists of about 118 females—42 cows and 76 long yearling heifers, all purebred Brahman. His herd sire is a purebred Angus bull.

Smith bought his purebred Brahman from Henry O. Partin and Sons of Kissimmee and added his Angus sire later. After testing bulls of another English breed. Although well satisfied with the Brahman-Angus, Smith plans to test some Santa Gertrudis bulls soon to check these results.

One thing Smith is sure of, the Brahman cow is his choice as "mother of the year". Smith sees the Brahman as the good milking cow which will produce, support and raise a good, healthy calf. He thinks the result is unbeatable.

To prove his point Smith reports these results:

Recently he fed out ten of his Brahman-Angus calves, a group made up of nine steers and one heifer. Over a period of 118 days he fed a mixture of 50 percent Blackstrap molasses and the balance crushed corn and cotton seed meal, being fed at the rate of a pound and a half per head per day. He fed a total of 220 pounds of the mixture per day at the height of the trial.

During that time he had buyers come to his place and estimate the grade of the calves. In every case, the prospective buyer classed them as Commercial. At the end of the trial, the answer was still the same "Commercial".

Smith felt that if that were the case, then he was wasting his time. But as a final resort, he sent them to a packer to be slaughtered and graded "on the hook". Result was that seven graded U.S. Good and three were U.S. Commercial.

Even in a range cattle operation, Smith believes the herd should consist of purebred cows and bulls, because the result is top quality calves for market only.

For replacements, Smith turns again to the purebred breeder.

"I use my own purebred cows and bulls to produce top quality crossbred feeder and stocker calves", he said. "If this system were used by everyone, we'd be producing top quality cattle in this state, and maintaining a top market for the producer of purebred cattle."

Hogs now gain a pound of weight for four pounds of feed. But some hogs have put on 600 pounds of weight on 600 pounds of grain in about five months.

The Florida Cattleman

**Fluorine Danger Outlined**

**Studies have begun on reports of fluorine poisoning in cattle from phosphate discharges made into the Peace and Alafia Rivers, Dr. George K. Davis, animal nutritionist at the University of Florida, reports.**

Answering a CATTLEMAN query, Davis reported that cattlemen, vegetable growers, citrus growers and phosphate industry representatives have gotten together at the suggestion of Polk County Agent Paul Hayman. He added that preliminary steps have been taken toward a study of the problem as it exists, with a view to correcting injurious practices.

Davis revealed that "fluorine determinations which we have made on water and on animal bones from areas around the phosphate treatment plants have shown exceptionally high values and are indicative of fluorine poisoning."

He implied, however, that it is far too early to draw any definite conclusion since the situation is still being studied.

The University experiment station has been asked to work out an experimental program to determine (1) the extent to which damage is occurring; (2) the agent which is causing the damage, and (3) some program of correction if this is at all possible.
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The top seller at the recent Perdido Dispersal.

BURKETT'S REVEMERE
Our proven sire imported with reputation from Texas.

PERDIDO BARDOLIER 11th
The young bull that everyone's talking about.

Yes—remember these names for we intend to make them synonymous with good breeding and quality cattle in the Angus industry.

Hauser Angus Ranches
CRESTVIEW, FLORIDA

W. M. HAUSER, OWNER
R. C. SARTAIN, MANAGER

for October, 1955
Results of tests using Pangola hay and Sugarcane as roughage in steer feed at Ona Station Are given in article by staff scientists

by W. G. Kirk, F. M. Peacock, E. M. Hodge and D. W. Jones*

Pangola hay is the roughage frequently used in the steer fattening ration in central Florida. Larger quantities of Pangola grass are being ensiled because of poor hay curing weather when the grass is ready to harvest. Sugarcane, because of the yield of forage per acre, offers possibilities as a roughage feed.

These three roughage feeds, Pangola hay, Pangola silage (no preservative) and fresh sugarcane were used in a 84-day feeding trial beginning October 4, 1954.

Each of the three roughages were fed to two groups of steers. One lot on each was fed cottonseed meal, 41 percent protein, and the second lot the same weight of a mixture made up of 50 parts cotton-grass, eight parts urea (2-62) and 32 parts of citrus pulp. This mixture had an equivalent of 44 percent protein. Each steer received an average of 2.79 pounds of either cottonseed meal or protein feed daily.

Limited feedings of citrus pulp and citrus molasses were given. During the first 28 days an average of 1.98 pounds of citrus molasses was fed daily. In the next 28 days the pulp was increased to three pounds daily and in the third 28-day period to four pounds daily per steer. The plan was to feed citrus molasses at the same rate as the pulp; however, during the 84-day period, an average of 3.32 pounds of citrus molasses was fed daily per steer which is 0.34 pounds more than the pulp.

Roughages were given once daily when each lot was fed as much as would be eaten by the next morning. Pangola hay was chopped into three-inch lengths

<table>
<thead>
<tr>
<th>Lot No.</th>
<th>Roughage</th>
<th>Test Feeds</th>
<th>Protein</th>
<th>TDN Total</th>
<th>Roughage Pounds</th>
<th>Gain Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Pangola hay</td>
<td>Cottonseed meal</td>
<td>547</td>
<td>388</td>
<td>547</td>
<td>25.7</td>
</tr>
<tr>
<td>2</td>
<td>Pangola hay</td>
<td>Protein mixture</td>
<td>599</td>
<td>314</td>
<td>599</td>
<td>22.4</td>
</tr>
<tr>
<td>3</td>
<td>Sugarcane</td>
<td>Cottonseed meal</td>
<td>551</td>
<td>294</td>
<td>551</td>
<td>21.4</td>
</tr>
<tr>
<td>4</td>
<td>Sugarcane</td>
<td>Protein mixture</td>
<td>594</td>
<td>308</td>
<td>594</td>
<td>30.8</td>
</tr>
<tr>
<td>5</td>
<td>Pangola silage</td>
<td>Cottonseed meal</td>
<td>666</td>
<td>336</td>
<td>666</td>
<td>20.7</td>
</tr>
<tr>
<td>6</td>
<td>Pangola silage</td>
<td>Protein mixture</td>
<td>578</td>
<td>348</td>
<td>578</td>
<td>30.8</td>
</tr>
<tr>
<td>7</td>
<td>Pangola hay</td>
<td>Cottonseed meal</td>
<td>451</td>
<td>50</td>
<td>451</td>
<td>12.5</td>
</tr>
</tbody>
</table>

* These scientists are on the staff of the Range Cattle Experiment Station at Ona. This information was given in a talk during the Cattlemen's Institute at Lake Placid in August.

Selling
AT WEBSTER FRIDAY
NOV. 4TH

35
HEAD

REGISTERED ANGUS

25 HEIFERS
10 BULLS

Show Starts
9:00 a.m.
Sale Starts
1:30 p.m.

FOR SALE CATALOG WRITE
Jim Farquhar, Sale Mgr.
Gulfstream Farms Ft. Lauderdale, Fla.

Malbea Pride is the name of this blocky young bull owned by Rolyat Ranch near Milton. Well-bred, the bull was sired by Mahrapo Bardoliar out of Pride 2d RF of Rosedale Farms.
to prevent waste and fed in racks, fresh sugarcane was cut into one-inch lengths, and both it and Pangola silage were fed in bunkers.

The protein feed, citrus pulp and citrus molasses were fed once daily in a separate bunk from the roughage. The molasses was poured over the dry feed with no mixing. All lots had free access to Range Station complete mineral. 42 grade Brahman yearling and two-year old steers ranging in weight from 715 to 975 pounds, with an average weight of 840 pounds, were divided into six lots of seven steers each on October 4, 1954. All of the steers had been used in a grazing trial before being placed on feed in dry lot. All animals were well grown and thrifty, but in thin flesh and graded an average of U.S. Utility as slaughter animals and U.S. good as feeder cattle when placed on feed. They had the capacity to consume large quantities of roughage feed.

Lots 1 and 2 were fed Pangola hay, Lots 3, 4, and 5 were fed cottonseed meal and Lots 5, 6 were fed Pangola silage. Lots 1, 3 and 5 were fed cottonseed meal and Lots 2, 4 and 6 the protein feed (50 parts cottonseed meal, eight parts urea and 42 parts citrus pulp). The average daily gain and roughage consumption per steer for each lot are given below:

<table>
<thead>
<tr>
<th>Lot</th>
<th>Feed Type</th>
<th>Daily Gain</th>
<th>Roughage Consumption</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Pangola hay and cottonseed meal</td>
<td>2.20 pounds</td>
<td>14.09 pounds</td>
</tr>
<tr>
<td>2</td>
<td>Pangola hay and protein feed</td>
<td>1.95 pounds</td>
<td>13.61 pounds</td>
</tr>
<tr>
<td>3</td>
<td>Fresh sugarcane and cottonseed meal</td>
<td>1.79 pounds</td>
<td>13.17 pounds</td>
</tr>
<tr>
<td>4</td>
<td>Fresh sugarcane and protein feed</td>
<td>1.71 pounds</td>
<td>13.12 pounds</td>
</tr>
<tr>
<td>5</td>
<td>Pangola silage and cottonseed meal</td>
<td>2.20 pounds</td>
<td>15.17 pounds</td>
</tr>
<tr>
<td>6</td>
<td>Pangola silage and protein feed</td>
<td>2.37 pounds</td>
<td>15.05 pounds</td>
</tr>
</tbody>
</table>

In another feeding trial of 120 days, two-year old steers—Lot 7—were fed an average of four pounds Pangola hay, 2.71 pounds cottonseed meal, 12.59 pounds citrus pulp and 3.14 citrus molasses and had an average daily gain of 3.14 pounds.

The gains indicated the palatability, nutrient content and balance of ration. The steers on fresh sugarcane and cottonseed meal (Lot 3) made an average daily gain of 1.49 pounds, while those fed cane and protein feed (Lot 4) gained 0.95 pounds, during the first 28 days of the trial. During this period the steers ate an average of 34 pounds of cane daily and this rate of consumption was approximately the same for the entire 84 days. In the third 28-day period steers on cane and cottonseed

(Continued on page 71)
MR. CATTLEMAN—If you want better fences for less money use NEW UNIVERSE FENCE STAY!

ON OLD FENCES—Supports sagging wires. Prevents cattle from spreading wires. Holds strands in place after woods fire.
ON NEW FENCES—Permits great savings by eliminating up to one-half usual wood posts and labor of setting them.

Owen’s Electric Service
P. O. Box 257, East Palatka, Florida

ABERDEEN-ANGUS KENT ACRES
Harold Kent, Owner
Home of 8 of the top 9 heavy-weight steers at 1955 Tampa Fair.
Breeding Counts!

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

Bradenton, Fla.
Phone 34962

for Acclimated ANGUS see (Breeding Age Bulls for Sale)
Bar-T-South
Write George (Jock) Sutherland, Manager.
Phone 2-2277. Ranch located 7 miles north on U.S. 41.

Kissimmee Vo-Ag Class Gets Big Yield of Corn

EIGHT-FOOT corn yielding 144 bushels to the acre sounds like the corn belt.
Yet that’s the rate of yield achieved by the Osceola High School vocational agriculture department in a test it conducted last spring and summer.

The test plot was only half an acre, but the department—led by Bill Perry, the instructor—got high yields also from about 20 additional acres it cultivated. And four Kissimmee-area ranchers who planted corn at Perry’s suggestion made yields of 80 bushels and up.

Field corn has been a forgotten crop in Osceola County for years, but Perry believed it could be a big help to the cattle industry centered around Kissimmee. Since no one had tried out the new hybrid corns and the new chemicals which effectively combat pests, Perry decided to try them out himself, and disprove the general feeling in Osceola County that “corn can’t be grown here.”

Here’s the Perry recipe for corn:

Plow the soil deep in the fall to retain as much moisture as possible for spring planting (on flatwoods land plant a cover crop, such as lupine, as well);
Fertilize in advance of planting with a ton of Dolomite to the acre, plus 300 pounds of a 10-10-10 or 12-12-12 mixed fertilizer containing Aldrin (a chlordane derivative which kills mole crickets, wire worms and cutworms);
Plant your corn (Dixie 18 looks best but DeKalb’s new 105 is promising);
Side-dress with 200 pounds per acre of ammonium nitrate, applied when the corn is knee high;
Spray your corn every two weeks for budworm with a 50 percent wettable powder DDT, or 40 percent Tocaphene wettable powder (Perry prefers the toxaphene to control grasshoppers, too);
Just let the corn grow.

February 15 is the best planting date for high muck soils which retain moisture, Perry believes, but on the flatwoods soils it may be best to wait as late as May 1, unless you can irrigate in some way.

One of the advantages of the Dixie 18 corn, in Perry’s thinking, is its relative immunity to the corn ear worm, because it has a long shuck.

“The ear worm starts in on the shuck,” Perry points out. “By the time it is ready to pupate, it has penetrated up to the ear, but not into it. With other varieties, worms start out directly on the grain.”

After harvesting, corn can be success- fully kept in open cribs, if it is un- shocked, by using Pyreneon (which is non-toxic to livestock) to control weevils.

Successful corn raising can mean a lot to Osceola County, Perry believes.

“Just look at these figures,” he says. “10 acres of corn, producing only 50 bushels to the acre, will winter 150 cows at the rate of three pounds per day for 100 days, and all you’ll need to buy will be a pound of cottonseed meal a day.”

Perry’s cost figures, per acre, are as follows: Land preparation $10; Fertilizer $7; Seed (eight pounds) $1.60; Cultivation $4; Spray $2; Labor for spraying and picking $14; Nitrate of Soda $7; Total $18.60. At $1.00 per bushel, 10 acres would produce $186 worth of corn.
meal gained 2.22 pounds daily, the highest for the six lots for this period, while steers receiving cane and protein feed gained 2.09 pounds daily. Apparently the fresh cane eaten in the first 28 days did not contain sufficient nutrients to promote rapid gains but, as the citrus products were increased in the second and third 28-day periods, gains were comparable to those fed hay and silage.

The cattle on hay and cane and fed the protein feed (Lots 2 and 4) made slower gains during the first two periods than those fed cottonseed meal but in the third 28-day period the rate of gain was higher for these two lots. The rate of gain of steers fed silage and either cottonseed meal or protein feed was not significantly different during the whole feeding period.

In the 84-day trial the steers in each lot improved one slaughter grade, from U.S. Utility to U.S. Commercial. It usually requires 40 to 50 days to accomplish this improvement in grade when cattle are on a good fattening ration. However, when steers are fed a high level of roughage and have a low concentrate intake, fattening is at a slower rate.

The TDN (total digestible nutrients) for gains and the percentage obtained from the roughage feeds are shown in the chart.

Lot 7, fed only limited amounts of Pangola hay, obtained 12.4 percent of TDN for 100 pounds gain from the roughage, while in Lots 1 to 6 it ranged from 3.8 to 59.3 percent, where larger quantities of roughage were fed.

The feed costs per 100 pounds gain for Lots 1, 2, 3, 4, 5 and 6 were $18.77, $20.14, $19.29, $19.40, $19.87 and $18.99 respectively. Cost of feeds used, per ton, were as follows: Hay, $30.00, silage $9.00, cane $8.00, cottonseed meal $5.00, protein feed $75.00, citrus pulp $35.00, citrus molasses $18.00 and Range Station mineral $6.00. The feed cost for Lot 7 for 100 pounds gain was $13.80 when the same prices for individual feeds were used.

The 84-day feeding trial was completed December 26, 1954, but Lots 1, 3 and 5 were sold until January 11, 1955, and Lots 2, 4 and 6 until January 18, 1955. When sold, the steers in Lots 1, 2, 3, 4, 5 and 6 brought an average of $89.83, $91.10, $89.05, $88.85, $88.66 and $91.58 per 100 pounds respectively, which is a margin of $5.45, $6.07, $5.76, $5.56, $5.64 and 6.57 per 100 pounds over the initial market value when placed on feed.

Fall livestock shows will be held in many Florida cities during October and November. Don't miss them!
Angus Bulls
Top Quality
Service Age

These registered, top quality young bulls are bred and handled to secure for us top quality young bulls and will be an asset to your herd. These bulls are sired by:

Mahapo Bardolier
K.B. Eileennere 110th
BPR Eileennere 1271st

ROLYAT RANCH
J. A. Ward & Son
Rt. 5, Box 175
Milton, Florida

The TOPS are in Virginia!
VIRGINIA Aberdeen-Angus Association, Inc.
Sam Spangler
Exec. Sec'y.
Box 196, CHARLOTTESVILLE, VA.

24 Buyers Make Purchases
In Ocala Angus Sale

Top 25% average $265
Top 50% average $235

A total of 24 buyers took the 70-lot offering of purebred Angus at the Florida Aberdeen-Angus Association's Off-the-Grass sale at Ocala, September 16, paying an average of $205 and a gross of $14,345. (Sale included several calves which sold as individual lots although originally scheduled to sell with their dams, thus causing the low average.)

Bob Cooper of Sarasota served as auctioneer for the sale which saw six bulls gross $1550 and 66 females sell for $12,795 in the South Eastern Pavilion north of Ocala.

Top-selling animal of the sale, Evander Bardolier of LV, was consigned by Walter R. Williams, owner of Lakeview Farm at Lakeland, and the bull went to George A. Martin of Gainesville for $520. The buyer of the top sale was Earl E. Tedder, Deland, who paid $285 for 11 females, while the Monticello Stock Yard bought seven females and two bulls for an outlay of $705, and RBK Farms at Fort Myers purchased seven females for $1365.

Other buyers included: Frank Warren, Perry; J. L. Price, Hawthorne; T. O. Brown, Frostproof; S. L. Kittrell, Quincy; A. L. Bullis, St. Cloud; Don McKay, Arcadia; Warren Lassing, Brooksville; J. G. Haufler, Gainesville; Rufus W. Smith, Ft. McCoy; Boyce Williams, Leesburg; E. M. Pond, Frostproof; J. K. Lester, Apopka; F. B. Miller, Jacksonville; D. C. Darty, Lake Wales; J. D. Beach, St. Augustine; J. B. Ryals, Callahan; C. E. Adams, Arcadia; A. S. Laird, Crawfordsville; L. E. Futch, Ocala; and Warren Thomas, Callahan.

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

Williams (Lakeview Farm) -- Evander Bardolier of LV $250 Martini.
Santee Farm, Ocala—Eppolamie Eileen OE $285.
Price: Bull call S85 Monticello Stock Yard.
4002 $440 Lord.
R. Zetlumer Stock Farm, Madison-Zetlumer 67th $170 Haufler.
Bluegrass Angus Farm, Bevonville Queen Mother $250.
Whitney Eric 10th Monticello Stock Yard.

Females sold, listed by consignors with purchaser and price paid, were as follows:

L. J. Balaban (Lookout Plantation), Bob Cooper $195 Warren.

University of Florida—UF Blackbird 413th $200 Tedder.
Gaines—Empress 5d of S. S. $210 Monticello Stock Yard; Eileen Ernestine $185 Tedder; Miss Ema 6th of Lone Grove $145 Tedder; State of Florida $100 Warren; University of Florida $150 Warren; Monticello Stock Yard; Mary Lou V. $230 Smith; Mary Lou Vinnie $230 Williams; Heifer call $125 McGrew; Eileen ernestine 518th $230 Tedder; Blackette 5th $175 Monticello Stock Yard; Mary Lou V. $230 Smith.

Choc Taw Ranch
Commercial & Purebred Aberdeen-Angus Cattle
R. B. Spires, Owner
Keith Miller, Manager
DE FUNK SPRINGS, FLORIDA
Ranch located at Red Bay, Florida

Registered Aberdeen-Angus cattle bred and handled to secure for us repeat customers.

MILL POND PLANTATION
Robert A. Willis, Jr., Owner
Box 28, Rt. 2
MARIANNA, FLORIDA

REGISTERED ABERDEEN-ANGUS
Breeding stock available at all times
Mr. and Mrs. F. C. Roberts, Owners
Phone 2-3171; Ranch located 1/2 mile S. of Punta Gorda on old Fort Myers Road.

CHARLOTTE RANCH
Punta Gorda, Florida

The cows and calves shown in this picture show graphically the size and scale which has been sought in this herd, owned by Quincy's North Florida Experiment Station, from its inception.

The Florida Cattlemen
FINAL PLANS for the 1955 Florida Aberdeen-Angus Association fitted cattle sale—scheduled at Webster on Friday, November 11—are virtually complete, according to Henry Chitty, association president.

35 head in all have been consigned to the sale, according to Chitty, including approximately 25 females and 10 bulls. Jim Faroughar, owner of Gulfstream Farm at Fort Lauderdale, is sale manager.

The Webster sale has been one of the best of Florida's purebred auctions for the past several years, including top breeding and well-fitted animals in its consignments.

Sale cattle will be on display beginning Tuesday, November 1, in the state agricultural pavilion north of Webster near Beville's Corner. The sale will follow showing of Angus which will begin at 9:00 a.m. on November 4, as part of the All-Florida Breeders' Show.

Commercial Angus Sale List Compiled By Breed Association

A list of commercial Angus cattle, some for sale now and some which will be ready for delivery later in the year, has been compiled by the American Angus Association and will be mailed on request.

The listings include more than 16,000 steers, heifers, bulls and cows, some with calves at side, being sold by both large and small commercial Angus producers in 29 states throughout the country. A few are purebreds.

The largest numbers of cattle are available in the western states of Montana, Nebraska, South Dakota, Kansas and Texas.

The list may be obtained by writing the Public Relations Department, American Aberdeen-Angus Breeders' Association, 9 Dexter Park Avenue, Chicago 9.

Selby Ranch

35 Angus To Sell at Webster

WILEY'S JEWESS 5—a granddaughter of EILEENMERE 500TH who has sired four International Grand Champions and the sire of the dam of this heifer is a grandson of EILEENMERE 85TH. She sells bred to ANKONIAN 3530, a son of the twice International Reserve Grand Champion, HOMEPLACE EILEENMERE 999-35TH, and a half brother to the $80,000 bull HOMEPLACE EILEENMERE 375TH.

BELLE QUEEN 53—a good Barbara heifer who combines the Eileenmere and Bell Boy blood lines. Bred to ANKONIAN 3530.

CAROL C. 53—a very compact, deep bodied heifer who is more than a three-quarter sister to BELLE QUEEN 53, also selling. These two would make a nice pair for some progressive breeder. Bred to ANKONIAN 3530.

KINOCHTRY ANNIE SR—this is a heifer with plenty of size and a lot of quality. In her pedigree we find the great breeding bulls BLACK BARDOLIER, BLACKBIRD BANDOLIER OF PAGE, EYESBACK EVADER, and BANDOLIER OF ANOKA. She sells bred to BEAVERDAM'S BLACK BURBON 15TH.

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DIXIE D Visitors See Silos, Shorthorns On Field Day

Hentges tells advantages of silage, cost of production; Wakeman demonstrates type

Silage, silos and a type demonstration were the highlights of the annual field day sponsored by the Florida Shorthorn Breeders' Association held at Dixie D Ranch near Odessa on September 7 and attended by some 80 cattlemen. Dixie D is owned by M. Austin Davis, president of the breed group, who served as host at a dinner of roast beef.

The group heard Dr. J. F. Hentges, of the University of Florida, discuss the advantages and problems involved in making silage. They also went into the fields where Pensacola Habit and Pangola grass silage was being cut, chopped, hauled and dumped into an above-ground concrete silo.

A meeting of directors of the Florida Shorthorn organization followed the afternoon tours which completed the program scheduled for the day. It was decided at this meeting that the association would sponsor a sale of some 50 purebred Shorthorns at Ocala on Saturday, November 19 (for more details on this event see page 79).

Don Wakeman, herdsman at the University of Florida, used one of the top Dixie D show heifers in his lecture and demonstration on the type and qualities sought in Shorthorn cattle. The spectators had an opportunity to try their own cattle judging ability when four purebred heifers were brought out for placing. And they had a chance to observe at close range the $15,000 Dixie D Shorthorn bull, Cromleybank Legionnaire, imported from Scotland. They saw, too, the first three of the well-known bull's offspring on the ground at the ranch.

"There is an unbalanced operation throughout most of the Florida cattle industry," said Hentges. "We have more good grass than our cattle can utilize during the summer months, and in most instances not enough forage to meet our winter grazing requirements. And this is a problem for which silage offers most of the answer," he added.

And the Gainesville specialist here stressed that Florida had the nation's lowest calf crop, due primarily to the lack of sufficient feed for adult animals in the winter, he said. Examples of successful cattlemen overcoming this serious problem were then cited.

"Much interest" is currently manifested in above-ground silos which allow cattle to eat, from each end of the structures, as much of the silage as they wish. Hentges said that chopped grass silage is generally preferred by ranchers, rather than the long-grass silage which is more difficult to handle, especially when it comes to feeding. Cows on test at the university, he stated, consumed 44 pounds of Pangola silage daily per animal for 100 days under a self-fed operation last winter.

Hentges related that the cost at the main experiment station in putting up grass silage to be self-fed was $7 a ton; but that cost can be trimmed to $5 or less.

Dixie D has three above-ground concrete block and concrete floor silos, 26 feet wide, six feet high (inside) and 100 feet long, plus two older silos of smaller dimensions. Davis said that he hopes to have about 600 tons of grass silage for his Shorthorn cattle this winter.

Premiums for the Shorthorn breed will total $1000 at the Southeastern Fat Stock Show and Sale at Ocala next March as a result of the directors voting to raise $500 through entry fees to match the amount provided by the Southeastern.
140 Head Shorthorns & Polled Shorthorns Sell

On Two Consecutive Days

L & L FARMS
“The South’s Polled Shorthorn and Shorthorn Supply Center”

Big Herd Reduction Sale
90 Head as 80 Lots
at the farm off 231 4 mi. N.W. of

DOTHAN, ALABAMA

THURSDAY, OCTOBER 27th

Polled Shorthorns • Shorthorns

30 Cows “off grass,” most of them with calves at foot
20 Bred Heifers 15 Bulls 15 Open Heifers

Sale starts at 12:00 Noon

The L and L herd numbers approximately 250 head. We have sold L and L farm number one. Pastures at our other farm will not, as yet, accommodate our entire herd, so we have decided to move our annual sale ahead to October from January and also add about thirty top cows.

This is by no means a culling operation. The cows that are to be sold are young, good producers. In fact, many of our best show cattle have come from them. In nearly all cases we have retained heifers out of them. The calves at foot and service represent our well known herd bull battery, Naemoor Saracen, Oakwood Conquest x, Factor’s Reward x, and former herd sires Oakwood Reliance x and Cromleybank Ringo.

The yearlings and two year olds . . . bulls, open heifers, bred heifers . . . are the ones we would have normally sold had we not moved our 1956 sale ahead to this October.

The L and L herd is recognized as one of the breed’s strongest. We have sold a lot of good cattle before . . . but never have we put together a cow sale like this.

NO EFFORT WILL BE MADE TO FIT THE 30 COWS. THEY WILL COME RIGHT OFF GRASS. IF YOU CAN TELL A GOOD ONE IN ITS WORKING CLOTHES, THERE WILL BE MANY BARGAINS FOR YOU.

The management will assist buyers in assembling cattle purchased in these two sales. For a catalog of either or both sales address

Don Longley, Sale Mgr., 16 So. Locust St., Aurora, Illinois

The Southeastern Regional Shorthorn Breeders’ Fall Show and Sale, Wednesday, October 26
MONTGOMERY, ALABAMA

26 Bulls 28 Females
Shorthorns • Polled Shorthorns

AT THE ALABAMA STATE COLISEUM

Consigned by 20 Top Herds from Alabama, Georgia, Florida, and South Carolina

There are no frills about this sale. Not every animal could be a state fair prize winner. There is a good balance between top quality fitted show heifers, good useful young cows and heifers with little or no condition, a few outstanding bulls for purebred breeders, and a good selection of rugged, weight for age, strong-aged range bulls raised in the rough. All the cattle must go through an elimination contest the afternoon before the sale in which the judge eliminates the bottom 15% from the sale. Since no consignor wants to be in the eliminated group, they leave their culls at home. Elimination: 4 p.m. Oct. 25. Annual banquet (public invited) 7 p.m. Oct. 25. Show of sale cattle 9:30 a.m., Oct. 26. Sale, 12:30 p.m. Oct. 26.

Winwood Helen x. Reserve champion female, 1955 National Polled Shorthorn Congress, Lexington, Ky. Winwood Farms, Brundidge, Ala. exhibited both female champions at this great event. They are selling seven bulls, two females, in the Southeastern Regional sale, most of them half brothers and sisters to these champions.
WES T FLORIDA'S Headquarters For Top Quality POLLED SHORTHORN CATTLE

Commercial cattlemen who are looking for bulls that will breed beef, producing qualities into their herd can turn with confidence to Shorthorns and they need look no farther than the R.L. Price Farms for top quality breeding in Shorthorn cattle!

The record of Shorthorn cattle, and more particularly Shorthorn bulls, as beef producers speaks for itself. Many commercial cattlemen across the county and here in Florida have turned to Shorthorns to produce that growth, well doing, beef type animal that is in demand today.

We'd like to supply your needs in Polled Shorthorn bulls for commercial herds. We invite your inquiry or visit to our herd. We are sure that you will find what you want both in quality and price.

R. L. PRICE FARM
Box 545, Phone 4131

GRACEVILLE, FLORIDA

REGISTERED SHORTHORNS
Home of HI HO LEADER
Both Bulls and Females for Sale

Hills of Home Farm
R. G. HEINE
3 miles west of Ocala, Florida on Hwy. 200

The Home of QUALITY SHORTHORNS Featuring LM MAX SENATOR 2nd

LANG-LAWLESS
Contact Winston F. Lawless. Ranch located ten miles southeast of Winter Haven on Eloise Loop Road. Phone 4-9644 (Home); 2-4031 (Office).

WINTER HAVEN, FLORIDA

Southern buyers—Opportunity for a carload of Shorthorn bulls—carload of bred heifers or a carload of open heifers right at breeding age.

ELCONA-CLEAR CREEK-ROBINWOOD Shorthorn Production Sale—Indianapolis, Ind. OCTOBER 31—Indiana State Fairgrounds

Held the day before the Indiana State Shorthorn Sale in the same location—110 head of superior Shorthorns selling in two days. Shorthorns offered of the right kind, with rich pedigrees and from the breed’s most reliable herds. Every animal was bred by the consignor. A study of the catalog will show that Ernest Sims, Elkhart, owner of Elcona; Marion Wood, Greentown, owner of Clear Creek, and John Whitehead, owner of Robinwood, are offering the cream of their productions.

11 bulls—all ready for service. 50 females—25 bred heifers (2 with calves), 20 summer yearlings selling open, 5 senior calves.

Write for beautifully illustrated catalog to

Hal Longley
Sale Mgr.,
16 So. Locust St.
Aurora, Illinois

These five bred heifers are typical of the sale offering.

NB Ranch Finds Seed Profitable

Seed-making operation is sideline for herd

As the result of a trip to Louisiana to learn more about an idea, then the use of a bit of ingenuity, the West Coast of Florida had an operator that took a new approach to seed cleaning equipment.

While this brief description of how the West Coast got its first such plant may not do justice to the work that went into its development, it does give some insight into why, in the space of just a few years, the N-B Ranch and the N-B Ranch and Supply Company has become one of the fastest growing and most progressive operations of its type in the Venice area of the state.

The actual start of this operation is a typical “why I moved to Florida” tale, of a family on vacation becoming a part of Florida’s ever growing “permanent” population. It seems that a few years back the C. E. Norquist family of James-town New York, came to Florida, and more particularly the Venice area, on vacation. While there they became interested in the area and its future, and soon purchased a 410-acre ranch three miles from Venice on the Venice Farms Road.

With the development of this land the Norquists set up the N-B Ranch and Supply Company and thus brings us to the part of our tale concerning seed cleaning and drying. In charge of the management of this company is Edmondson Farms, Inc., comprised of George Edmondson and his son Bill. The presence of abundant Pangola grass, Pensacola and Argentine Bahia, clovers and the first commercial alfalfa in Sarasota County prompted the development of the seed operation. However the presence of the raw product was only the first step. Next came the need for some sort of processing equipment before the seed could be prepared for commercial use. That’s where Bill Edmondson and his trip to Louisiana came in.

Probably one of the best short courses for seedmen is conducted at Louisiana State University in Baton Rouge. Here seedmen come from far and near to learn the latest methods of seed processing and view the latest types of machinery used in the operation. It was to Baton Rouge that Bill Edmondson traveled, hoping to find the answer to their particular problems. The equipment that he saw was
Making seed is a sideline of NB Ranch at Venice. Upper panel shows the vertical seed cleaner owned by NB Ranch and Supply Company being charged by William Edmondson, while at bottom he's shown sewing a sack filled with Pensacola Bahia seed—the final operation before shipping. (Photos courtesy C. R. Phillips)

mainly designed for rice, but Bill saw in a "vertical cleaner" several possibilities. He brought back to Florida the plans and a few changes it was put into operation and does "very nicely" in the N-B process, which features seeds of the various Bahias and clovers, Hairy and Blanket Indigo.

In addition, to this busy enterprise, N-B operation includes a purebred Shorthorn operation that calls for modern practices of pasture improvement, fertilization and feeding. The N-B Ranch and Supply Company also handles aluminum farm gates, mineral feeders, spraying equipment and many of the other needs of cattlemen.

This Complete Shorthorn Herd Can Be Yours For $12,000! ... and will finance!

An Inventory of 42 Head . . .

33 cows from 1½ to 5 years old
4 bulls 1½-2 years old
2 bull calves 5-9 months old,
2 heifer calves 9 months old
PLUS your choice of one of our two herd bulls!

Some cows are bred to the 1953 International Grand Champion bull, Viking 4th, to calve during the winter, spring, and summer. Many of these cattle are Scotch Shorthorns imported from Canada several years ago and most of the others come from some of the finest Midwest herds. All have been in Florida long enough to be well acclimated. The Scotch Shorthorns mentioned above were personally selected by Bob Heine of Ocala, well-known Florida Shorthorn breeder, for our ranch. This is a foundation herd that anyone could be proud of and includes such famous bloodlines as Edellyn Peerless Mercury, Cruggleton Bounce, Edellyn Reliant Mercury, Calrossie Mercury, Ransom's Upright, Loyal Leader, and Queen Bess.

Emerald Acres Ranch
Write or phone E. Reed Whittle
Office at 1900 N. Mills Street, Cable EMRALD, Phone 2-5206
P. O. Drawer 6817, ORLANDO, FLORIDA
**THE SOUTH’S LARGEST**

- We maintain the South's largest Shorthorn herd, the South’s largest Polled Shorthorn herd, and one of the breed’s largest commercial herds. Here you have the kind of selection you’ve been looking for always a good supply of bulls coming on of serviceable age and heifers of foundation calibre.

Fred W. Taylor
COMO, MISSISSIPPI

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**SHORTHORNS**

*The Home of Edellyn Royal Leader 180th*

**Duyek Stock Farm**
Box 1465, Ph. S-6011
PLANT CITY FLORIDA

**POLLED SHORTHORNS**

- Visit us anytime to inspect our registered herd of Polled Shorthorns.

**BEARDSLEY FARMS**
CLEWISTON FLORIDA

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**OAK HILL FARM**

Write Mark A. Saunders, Manager, Rt. 1, Box 77, Lloyd, Fla. Farm in Leon County 18 miles east of Tallahassee and four miles south of Miccosukee on State Road 59, Rt. 1, Box 77, LLOYD, FLORIDA

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**SHORTHORNS**

We believe you'll find the type of quality Shorthorns you want in our purebred herd headed by PEACH GROVE GOLD-FINDER, our herd sire who has been a champion in three states. Stop by to see us soon and inspect our herd.

**REGISTERED BREEDING CATTLE FOR SALE AT ALL TIMES**

DR. H. D. YOUNG
Phone 638 or 24, LEESBURG, FLORIDA
Farm located 3 miles so. of Webster off Hwy 50

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**SCHOLARSHIP Winner Tells Of Dolomite in Essay**

**Kenneth McRae, Hillsborough 4-H member, is winner of Southern Dolomite company contest and $3200 scholarship**

A Hillsborough County 4-H boy, Kenneth McRae, was recently awarded the Southern Dolomite Company's annual agricultural scholarship of $800 a year for four years in the state-wide 4-H Club competition.

Young McRae was presented the award at the 46th annual 4-H Club Short Course in Gainesville by W. W. Brown, state 4-H Club agent, and R. Eugene Smith, Southern Dolomite president.

McRae won the scholarship on the basis of scholastic and 4-H Club achievement and an essay on the importance of dolomite to Florida Agriculture. His prize-winning essay is herewith reprinted:

"The use of a soil amendment is no new practice. Examination of ancient literature reveals that lime was applied as a soil amendment long before the Christian Era. The same factors (teaching and cropping) which created lime-poor soils then are still at work today, and unless nature changes radically, the soils of humid Florida will always be affected by these lime depleting processes.

Florida's humid climate, having over 51 inches of rain annually, creates an ever-leaching process. This process carries with it our soluble bases, such as calcium and magnesium. The soils, losing these bases, are made more acid. Modern agriculture teaches us that the desirable acid level for most plants is a pH of 5.6 to 6.6. Most Florida soils are below this level. To replace this calcium and magnesium, thereby raising the pH to a desirable range, we need to add a form of lime.

The word lime has been loosely used in agricultural fields. It has been construed to mean anything from lump lime to marl or pulverized shell. Lime for agricultural purposes means either calcium carbonate or calcium and magnesium carbonates, contained in sufficient concentrations and capable of neutralizing soil acidity.

Liming materials containing magnesium are referred to as dolomite. In humid regions, such as we have in Florida, calcium and magnesium are predominating bases in the soil. It is only natural that an attempt should be made to restore the supply when it is depleted. Moreover, materials containing magnesium and calcium are relatively abundant, widespread and cheap. These materials are effective in neutralizing all types of acid soils and have no detrimental effect on the physical properties of the soil. They are not toxic to plants in amounts normally applied.

When applied to the soil, dolomite performs several important duties, in addition to the above mentioned. Correcting acidity, it supplies the plant food elements, calcium and magnesium. As the lime supply of our soil decreases, the need for the two elements grows in importance.

Leguminous plants require high amounts of magnesium and calcium. It is highly important in any agricultural program to include as many legumes as possible. Statistics show that some legumes add a much as 120 pounds of nitrogen to the acre. Soil granulation is promoted.

Dolomite tends to make heavy clay and silt soils more coarse and granular, with results that they do not puddle when wet, or cake when dry. This loosening action permits air to circulate through the soil and assist in drainage. Cover crops in our citrus groves are helped to decay by the addition of dolomite. This material isn't valuable until it has decayed and passed through the decomposing process. The decomposing process liberates ammonia which is converted by soil bacteria into nitrogen. These bacterial processes function most effectively in soils well supplied with calcium and magnesium.

Florida has made great strides in the
Shorthorn Sale Scheduled

Florida Shorthorn enthusiasts will have an opportunity to "take their pick" of some 50 purebred Shorthorns when the Florida Shorthorn Breeders Association sponsors the sale for them at the Southeastern Pavilion at Ocala, November 19, as a result of action taken by the association's board of directors at a meeting at Dixie D Ranch early in September.

The sale will include approximately 30 females and 20 bulls, according to Sale Manager R. G. Heine, owner of Hills of Home Farm, Ocala. "We are definitely planning to have at least eight bulls of strong breeding age and of the best type available," he said. "And we plan that the other bulls will be old enough for immediate service also."

The group, meeting at President Austin Davis' ranch near Odessa, also decided to give a purebred Shorthorn heifer to some lucky 4-H or FFA member who attends the sale.

citrus industry. In 1886, Florida had 1,260,000 citrus trees. The industry at that time was centered on the heavier soils around Gainesville, Florida. Continued severe cold in the late 1800's caused much damage and, as a result, the industry moved south. Producing citrus on sandy soils proved a problem. Prior to this time, on the heavier soils, secondary elements had been no problem. In 1900 the industry had dropped to 353,000 trees. Experimental data proved that secondary elements, such as calcium and magnesium, must be added. It was during this time that the promise of dolomite came to light. Dolomite carrying 60 percent calcium carbonate and 40 percent magnesium carbonate proved a good soil amendment. By 1922 the industry had increased to 17,325,000 trees, accounting for 46 percent of the United States total. By 1944, Florida's citrus industry represented 101,219,500 trees, producing 70.8 percent of the United States production. Up to date, data show that dolomite played a very important role in the increase of citrus production in Florida.

The three "I's" of successful agriculture are lime, legumes and livestock. Successful legume culture is dependent on lime rich soil and an important factor in profitable livestock production is the feeding of legume hays and pastures.

Whether the farmer derives his income from livestock or cash crops, his welfare is dependent on the fertility of his soil. One of the most important elements of soil fertility is nitrogen. Here again, legumes prove their value. But to make a satisfactory growth, all legumes require dolomite. This is especially true in some of our most important legume crops, such as alfalfa and clovers.

The time to apply the dolomite to the legume seedbed depends on the kind of material used and the crop to be grown. If the lime-loving alfalfa and sweet or red clover are the crops to be seeded, the soil must be above neutral at the time of seeding.

On moderately acid soils, and where the subsoil is well supplied with lime, fractional dolomiting has met with considerable success.

A large percentage of grain and grass crops will grow well on soils which are moderately acid, provided the other fertilizing elements are supplied in sufficient quantities.

The present-day efforts on the part of farmers to improve their pastures prove conclusively the importance of fertilizers and dolomite in plant growth.

With only a few exceptions, vegetable and truck crops are very responsive to dolomite. Because of the high per acre value of such crops, the profit from this operation is substantial.

Dolomite has a two-fold function in truck cropping. It promotes a more balanced growing condition in the soil by neutralizing the acidity. It also makes possible the successful growing of legume-green manure crops which add the necessary humus and plant foods to the soil. Dolomite is vital in this highly specialized branch of agriculture.

With the continued expansion of improved pastures in Florida, the cattleman should keep in mind that the use of dolomite is necessary in establishing and maintaining improved pastures. Dolomite plays three essential roles in the pasture program: First, the calcium in dolomite is essential for both plant and animal nutrition; second, dolomite reduces the leaching of fertilizers applied to the soil; third, dolomite increases the soil pH to ranges more favorable for growth of desirable pasture herbage.

The amount of dolomite necessary to meet the minimum requirements for plant and animal growth is relatively small. Yet many soils, especially the acid flatwoods sands, do not contain sufficient calcium in the virgin state to meet these requirements. Thus, we find that small amounts of Dolomite may be just as essential for plant growth as are our three major fertilizer elements—nitrogen, potassium and phosphorus.

Dolomite on our pastures is an important plant and animal nutrient. It conserves other fertilizer elements and aids in their more efficient use, and adjusts the soil pH to the optimum range for desirable pasture plants. The prudent use of Dolomite is a key to a better pasture program.

For October, 1955
Listed below are the names, by counties, of those who have agreed to the deduction of 10 cents per head on all sales to support promotional efforts of the newly-formed Florida Beef Council. Those who have misplaced their cards can secure duplicates through their secretaries of their local cattle associations.

ALACHUA

BAKER
B. R. Burnsed William Knabb Claud V. Rhode

BAY
Arthur F. Titus

BRADFORD
J. R. Wainwright C. C. Wynn

BREVARD
A. Duda & Sons Howard Naid H. L. Rountz

GRANT RUSELL

BROWARD
Bruce B. Blount John B. Conbes Joseph Oswald L. S. Rensmbg o. J. Smith Ranch Wallace Stevens J. W. Torstic

CALHOUN
A. E. Cayson & Sons F. C. Jamshes

CHARLOTTE
Mrs. M. Zenschak

CITRUS
John R. Jump Max Richardson R. Roberts Roberts & Sons 0. COLUMBIA
A. C. Edwards George D. Rogers F. M. Swails

DADE

DESOTO
Lewis Ambler C. C. Carlson W. L. Davis W. T. Davis Erickson & Sons Leo B. Foster Donald S. McKay H. D. Ryals George M. Wallis W. L. Woods

DUVAL
H. K. Clegg & Sons

RAYMOND T. Fucker

FRANKLIN
H. O. Marshall Jas A. Shuler

GADSDEN
Oscar E. Hurst GLADE
D. C. Mitchell Roger M. Weeks HARDER
Beardsley Farm T. E. Beardsley William T. Stitt HERNANDO
J. H. Boyd C. D. Davis Warren Lancing

HIGHLANDS
G. G. Allbritton A. C. Atwater

DIER

HILLSBOROUGH
Homes T. A. A. Drummond W. B. Ellis Klien McDonald E. G. Stripling Bert Wiley J. C. Williams INDIAN RIVER
Frank E. Hunter E. T. Jenkins L. D. Kennedy Dr. G. T. Newbury S. E. Register, Sr. C. E. Register J. R. Thompson

JEFFERSON
W. W. Bassett, Jr. Robert Freeland Larkin Hurdley F. H. Gaines E. E. Bankins

LAFAYETTE
T. E. Satchwell, Jr.

LAKE
Oscar G. Cook, Jr.

Leavitt Fieldman

G. B. Morell

MADISON
W. T. Randall MANATEE
Charles Free F. Y. Cockrell Fred S. Gay Hills of Home Cecil K. Halsey E. C. Milligan F. A. Preston John W. Pennington M. E. Sanders

Silver Oaks Ranch MARTIN
R. L. Chastain A. Y. Hall W. F. A. Robertson NASSAU
Clark Ranch Cecil Ward

OKALOOSA
Alex H. Clemmons C. L. Kussell

OKCHEEHOE
Colin Campbell Glen Davis J. O. Pearce & Sons ORANGE
Jack L. Hard

PARK

OSCEOLA
W. R. Dickerson P. S. Feagle

E. S. Fowler Gould Ranch J. F. Hammett Bernie McKenzie Mitchell & Sons PINELLAS

POLK
J. M. Curry C. R. Isina H. E. Wolfe ST. LUCIE
Alto Adams & Son


SUWANNEE W. D. Fletcher G. B. Williams Jr. A. E. Portenier TAYLOR Ernest Hove VOLUSIA J. E. Brandock Elvin Daugherty E. H. Henlont Hane H. Tanges W. Nade Wood & Sons WALTER Sam McNay


The Florida Cattlemman
Posing behind a young Duroc boar is Mrs. L. D. Brett of Marianna. The Bretts own one of Florida’s newer herds—and one of the largest.

**Bretts Build Duroc Herd**

Purebred Durocs, high in quality and large in quantity, are the business of Mr. and Mrs. Luther D. Brett of Route Two, Marianna.

Retired from the Air Force, the Bretts purchased their farm two and a half years ago from Claude Tindel and started out to raise purebred swine. The result has been remarkable.

**Topper Sensation**, purchased from Louisiana State University, was the first Brett boar. He was later replaced by Osceola Perfection, purchased from the West Florida Experiment Station at Jay. However, before leaving the Brett herd, Sensation took first place in the aged boars class at the State Fair in Tampa.

The Brett herd numbers 200 head including pigs, with 30 brood sows, gilts, boars and a few “feeders”. The plan is to increase the herd on a basis of upgrading rather than by purchase. However, plans do call for the purchase of another boar in the near future.

The aim of the Brett program is to produce purebred Durocs that feature that “long bacon-type look” and to produce a completely, certified Bang’s free herd.

Encouraged by their 1955 performance at the Florida State Fair in Tampa, the Bretts will show there again this year. Several head from the breeding herd have been singled out as “show ring” possibilities.

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**Advertise!**

- NORTH (U. S. 51 North) 4040 Hiway 51 North
- SOUTH (U. S. 51 South) 2300 S. Bellevue
- EAST (U. S. 70-64-79) 4941 Summer Ave.
- WEST (U. S. 61 South) 980 S. Third Street

The South’s Finest

A Holiday Inn Hotel Court greets you from the four corners of Memphis! Each court is a modern innovation of hotel luxury and motel convenience... every service and facility designed for comfort and enjoyment.

MEMPHIS, Tennessee
WE'VE REPORTED, in the past, efforts of out-of-state plants to dump sub-standard milk in Florida. These attempts to break down the barriers have been agitated by some groups with the story that high health standards, such as we have in Florida for Grade A Milk, are a big reason for the so-called high retail prices of milk.

THE DAIRYMEN'S PRICE REPORTER declares in a recent issue that modification of regulations to permit the free movement of milk would cut income to dairy farmers by $66,000,000, and manufacturers would not stand to benefit from the change. It adds:

SINCE LONG DISTANCE MILK MOVEMENT would probably not result because the resulting lower prices would offset the incentive to seek the current higher-priced markets, the removal of restrictions would only benefit handlers or labor. "It is doubtful that retail prices would go down merely because another $66,000,000 was taken from the farmers' income."

THE LAST SENTENCE is interesting. Read it again. This is exactly what has been happening: Prices to farmers have dropped and yet retail prices of milk have advanced. Who says we don't need a Florida Milk Producers' Association?

BY THE TIME this is published, the Florida Milk Commission will have met (September 19 at Jacksonville) to consider the Governor's suggestion for a one-year moratorium on the retail price-fixing powers of the Commission.

IN 1952, when FMPA was organized, it was apparent that an organization of independent dairy farmers—and dairy farmers only—was needed. We did not feel that an organization dominated by the large chain distributors could also represent the independents. That is why our charter limits membership to dairy farmers and dairy farmers only.

WHAT ARE WE GOING TO DO ABOUT IT? It costs money to run an organization—get out newsletters, keep members informed, get representatives to important meetings. It doesn't take a lot, but to be effective it must be regular.

FOR THE FISCAL YEAR starting November I, 1955, your directors have voted an assessment, based only on Class I milk sales, of 1/10 of a cent per gallon. This will be easy to figure, for it will be exactly the same amount that is shown on your check from your distributor as the amount tax deducted from your check for the Milk Commission. When you get your check, send in your dues assessment to FMPA at 3401 Tenth Avenue, Tampa, Florida, or P. O. Box 1138, Tampa 10, Florida. This starts with checks you receive after November 1, 1955.

IT'S UP TO YOU, NOW! Your directors are willing to work to plan and carry out the program if YOU want it and will SUPPORT it. There will be no one "breathing down your neck" to make you do it. It's your business, your money—and if you aren't interested in protecting it, no one is going to protect it for you.

DON'T FEAR retaliation from your distributor because you join FMPA. No membership lists will be furnished to any one so long as some distributors take the attitude they do toward FMPA membership.

TO HELP us complete our budget, send your name, address and county, together with your average daily production, to Box 11338, Tampa. —G. M. Edmondson, President
Jerseys Bring
Average $289

An average of $289 was paid by dairymen from Alabama, Florida and the Republic of Colombia for registered Jerseys selling at the Florida Jersey Cattle Club's auction in Marianna August 18.

At a meeting on August 17, M. A. Schack of Greenwood was elected president with F. D. Magill of Grand Crossing vice president and F. E. Baetzman of Orlando, secretary-treasurer. Directors elected include: Walter Welkener, W. J. Nolan, Jr., C. B. Skinner, all of Jacksonville; B. W. Judge, Jr., Orlando; Johnny Sixma, Lake Helen; J. K. Stuart, Bartow; Carlos Griggs, Summerfield; C. C. Sellers, Tallahassee; and M. T. Grutchfield, Marianna.

Woodrow W. Glenn, Marianna, Jackson County Agent, acted as Toastmaster at the club's banquet, and Doyle Conner of Starke, speaker-elect of the Florida House of Representatives, was principal speaker. C. W. Reaves, extension dairyman of Gainesville, presented trophies for highest herd average and highest individual cow in butterfat production during 1954 to Polk County Dairy Farm, Bartow.

Hall Brothers Dairy of Montgomery, Alabama, paid the sale's $535 top for Jester's Play Boy Linda, consigned by Stuart, and the Alabamans were the largest buyers at the sale.

The 39 head sold in the auction included 31 milking age cows, seven young heifers and one bull. Gross for the 39 head was $11,290.

Welkener won the fitting contest held prior to the sale.

State Winners In 4-H Dairy Essay Contest Announced

The following awards were made recently at the State 4-H Short Course in Gainesville, to the three state winners in the 4-H Essay Contest on "The Production and Use of Better Dairy Pasture." The essay contest was offered as a part of the Florida Dairy Pasture Contest, which provides awards for dairymen with the best pasture and forage program and for those making the most improvement over the previous year.

The awards were as follows: $25.00 to Sandra Dennison, Orange County; $15.00 to Jay Boosinger, Manatee County; and $10.00 to Edwin Stubbs, Sarasota County.

Awards for the contest were provided by the Florida Dairy Association, and supervised by the extension service.

SILAGE STAYS FRESH, SWEET HIGH IN FOOD VALUE WITH Sta-Fresh*BISULFITE

Now, General Chemical, 50-year leader in agricultural chemicals, brings you another great new farm aid. This time it's STA-FRESH—the handy, low-cost sodium bisulfite powder that keeps silage fresh, green and sweet-smelling.

STA-FRESH insures a superior feed with less work at lower cost. It is already highly recommended by many county agents and agricultural leaders. STA-FRESH has been used with success on alfalfa, orchard grass, brome grass, ladino, sweet clover, timothy, vetch, oats, and other forage crops. Cows prefer STA-FRESH treated silage. In a typical free-choice test, cattle ate an average of 63 pounds of bisulfite-treated silage to 18 pounds of untreated silage.

STA-FRESH keeps silage sweet-smelling, too; rids it of that "silage stink" that fouls your clothes, smells up the barn and may taint milk.

Get the facts on STA-FRESH right away with complete details on how to use it. We have STA-FRESH in stock now in 80-lb. bags. Only 8 lbs. required per ton of silage. See us today.

Sta-Fresh*
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*General Chemical Trade-Mark

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(Also Carrollton, Ill., Phone 42-Fg)

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Meat Value As Food Described

by A. Z. Palmer*

AMERICANS are eating more meat today than ever before. The average per capita consumption last year was 153.7 pounds or roughly 6.8 ounces of meat per person per day. This increased consumption of meat is due partly to the increased earning power of the average family provider. Increased consumption is also due to an increased diet consciousness on the part of the consumer. Nutritionists agree that the better reducing diets are high in protein and low in calories. To gain weight nutritionists recommend a diet containing an adequate amount of body-building protein. Meat is one of the best sources of protein in the diet. But for that matter, it may be said that meat is a richer source of more dietary essentials than any other food. What are these dietary essentials? Let's take them one by one and see how meat stands as a source of each essential.

The first dietary essential is protein. Meat is a very concentrated source of protein that is required to build and repair body tissue. Meat protein is a high quality protein because it supplies all of the essential amino acids required by man. Meat protein or the amino acids normally found in meat are important in building body resistance to certain infections and they supplement incomplete proteins from other sources.

Fats and carbohydrates are essential for they supply fuel and energy for activity and work. The well balanced diet should contain some fat to supply essential unsaturated fatty acids. Pork fat is a particularly rich source of these essential unsaturated fatty acids. These fatty acids are needed for growth as well as for a healthy skin.

Another of the dietary essentials is minerals. There are three important minerals supplied in good quantity by meat. The minerals are phosphorus, iron, and copper. Meat is one of the richest sources of phosphorus. This mineral is needed by every cell of the body and especially for bones and teeth and for regulating body processes. Meat is a rich source of iron, liver being the richest. One serving of liver supplies more iron than a serving of any other food. Nutritionists suggest that we eat liver at least once a week. We all know that iron is used in the body in the building of blood. A deficiency of iron in the diet causes what is known as nutritional anemia, a condition characterized...
by lack of appetite and energy. Meat is also a good source of copper. Adequate amounts of both iron and copper are necessary for proper formation of blood in the body. One mineral that meat is low in is calcium, but most of us obtain that very important mineral from vegetables, milk, ice cream, and many other products we use daily.

Vitamins are necessary for growth and health. Meat is one of the important dietary sources of vitamins. Meat is a rich source of the three major B-complex vitamins, thiamine, riboflavin, and niacin. Liver is a rich source of vitamin A as well as the B-vitamins. Vitamin C is found in meat only in small amounts. Good dietary sources of vitamin C are citrus and other fruit juices.

There are two other distinct qualities that further add to the value of meat as a food. The first quality is its palatability. People like meat. It has appetite appeal. Appetite appeal is important because it starts the flow of digestive juices that aid in digestion. Meat is 96 to 98 per cent digested and utilized by the body. The second distinct quality is the satiety value of meat. A meatless meal doesn't seem complete. And incidentally, when we don't eat meat, we get hungry quicker. I might add an additional point of interest here—research workers have now found that infants who receive meat deep more soundly at night and are generally healthier. This in turn benefits the parents in allowing them more rest and less worry.

Just to show you how meat supplies these dietary essentials, a four ounce serving of meat for a moderately active man will provide him with 23 per cent of his protein, 12 per cent of the calories, 16 per cent of the phosphorus, 25 per cent of the iron, 17 per cent of the thiamine, 11 per cent of the riboflavin, and 37 per cent of the niacin. These figures would be increased if they were to be based on the amount of meat the average man does eat which is 6.8 ounces per day rather than four ounces.

Now just a word about meat in the summer diet. Frequently it seems as though it is too hot to eat. Warm weather means lazy appetites. This means that the person in the kitchen will have a double responsibility. The food must be prepared in a nourishing manner and it must look so attractive and taste so good that summer meals will be anticipated with pleasure. Our bodies need the same amount of protein, vitamins and minerals in summer as they do in winter. We do not need as many calories, for calories produce heat and through the summer we have very little trouble staying warm here in Florida. Let's do not forget however, that it is just as important to include meat in the summer as it is to serve it at any other time of the year.

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*Florida Chemical Ind., Inc., Gainesville, Fla.*
Sheep could help in diversifying smaller farms, perhaps

by P. E. Loggins*

Sheep could help in diversifying smaller farms, perhaps

How about sheep in your farm program in Florida—not to replace other livestock, but as part of a well-balanced program for smaller general and specialized farms.

First, the history of sheep in Florida shows that our sheep numbers today are 86.5 percent below our peak around 1914. Our neighboring states to the north have also found their sheep numbers to be drastically low and have begun programs to increase sheep production.

This increase in the Southern states will definitely aid our sheep program in Florida, through better marketing and sources of breeding stock. Examples of this aid are already being felt this year in our wool and lamb marketing. Georgia and Alabama have invited us to sell through their lamb pools and wool cooperatives.

The Union Stock Yards in Montgomery, Alabama, is making available breeding stock for sheep producers of this area. There are special advantages that sheep have that should enter into this discussion.

(1) You obtain two cash products from sheep each year—lamb and wool. Income from these two products often comes during the low income period of other farm products and it is only seldom that both lamb and wool prices are low during the same season.

(2) Sheep are one of the most efficient animals in the utilization of forages. Therefore, many farms can maintain a small flock on feedstuffs that otherwise might be wasted.

(3) On many small farms through central and north Florida, sheep could profitably be produced where other classes of livestock might not fit in.

(4) Sheep are a class of livestock that you can market as a top grading product (prime lamb) from pasture alone. This enables the sheep producer to maintain a balanced ration from a farm where little grain is grown, and only minerals must be purchased.

(5) Much of the labor required in the handling of a sheep flock comes at a period when other farm labor is slack. This aids in profitable distribution of farm labor.

An interesting fact about sheep, when properly handled, is the good return on the investment as well as the labor, feed and equipment used.

A higher return on investment as compared to other classes of livestock is often attributed to the lower cost of breeding stock. However, on the other hand, it must be pointed out that more labor is required on the investment in breeding stock in sheep than is true of beef cattle.

Where sheep are properly handled, a good return on investment can be expected over a period of time. Under favorable conditions you can often expect the lamb crop to pay for the original cost of the ewes and the wool clip to pay for the cost of supplemental feeds for maintaining the ewe during the winter and lambing period. The investment in a small farm flock may be undertaken without undue speculation on your part.

It is now time to answer these two important questions about your future with sheep in Florida.

Question No. 1: Can you produce grass suitable for sheep economically on your land?

Question No. 2: Are you willing to devote time and attention to learn a few facts that are essential to profitable sheep production?

Assuming you have answered an honest “Yes”, to these questions, let’s briefly outline factors that must be considered before the actual production of sheep begins.

(1) How many sheep should I buy? It is often wise to base your farm flock on ram units (25 to 30 ewes per ram unit). Therefore, the size of the flock should be one, two, three, etc., ram units. Successful production is more likely if you “grow” in the business rather than “go” in. Over-stocking leads to the same bitter end with sheep as it does with any other class of livestock.

(2) What breed should I buy? Sheep breeds are often classified as mutton, wool, and dual-purpose breeds. A recent survey shows that both mutton and dual-purpose breeds of sheep are found in the state along with the native breeding. The crossbred western ewe which carries a high percentage of wool breeding is also being produced in the state. Production for lamb, with wool a secondary item (but not to be overlooked as an important source of income) is the best outlook for Florida sheep production.

(3) What are the sources for breeding stock? Breeding ewes are not available in Florida in ram unit quantities. Only a limited number of purebred rams are available in a few breeds. Sheep for this area may be located in a few of the Southeastern States. The Union Stock Yards in Montgomery, Alabama, is making available ewes and rams for breeders in the area.

(4) Should I start a commercial flock or...

From this report a year's accidents on nine federal routes with 677.44 miles of concrete and 1437.74 miles of the other most commonly built pavement were analyzed. Traffic volume on the two types was about equal.

Accidents due to human frailty or mechanical failure were omitted. That left 257 accidents involving eight deaths, 177 injuries and $139,672 of property damage. For equal traffic there were 2.38 times as many accidents, 3.25 times as many deaths, 4.11 times as many injuries and 4.02 times as much property damage on the other pavement as on concrete.

Highway safety means good engineering. It also means concrete paving. You can see better on it at night and it's skid resistant, wet or dry.

**the SAFE pavement is concrete**
a purebred flock? Under most conditions, it is advisable to make your initial investment in a grade flock. As the demand increases for purebred rams, a small purebred flock may be added.

(5) Are the facilities necessary for profitable sheep production available? Proper fencing, corrals, and penning facilities at night to prevent dog losses, etc., are needed. Sheep need to be penned up at night to prevent their being killed by dogs. This means daily attention is needed in penning up the flock at night. This daily chore is one of the reasons why many people don't own sheep.

(6) What are the marketing conditions for your wool and lambs? As production increases, marketing problems will improve. At the present time, selling through a wool cooperative and a lamb pool with other sheep breeding associations in the southeast can help ease the marketing problem.

(7) What are the feeding and management practices for a profitable sheep flock? Many areas in Florida are well adapted for both of these practices. There are other factors to consider in planning your farm, but it is felt that this information will stimulate your thinking on a small sheep flock for which we feel there is a place on many of our small general farms in Florida.

Pete Clemmons Still Leads

Pete Clemmons of Brighton, Florida's champion cowboy for the past four years, appears well on his way toward a fifth championship, according to the latest standings released by Bud Mefford, Cattleman rodeo editor.

Clemmons had 2516 points including the July 4 rodeos, with Buck Boyce of Billings, Montana, in second place with 1779. Charlie Dent of Vero Beach is third with 1213.

In competition, Clemmons leads in Saddle Bronc Riding with 832 points and Bull Riding with 685 points. Boyce, with 917 points, leads the Bareback Riding, while Red Martin of Pompano leads Calf Roping with 510. and Dent leads Bulldogging with 601 points.

Leaders, with point total in parentheses, are as follows:

- All-round—Clemmons (2516); Boyce (1779); Dent (1213); Boyce Burnett, Plethophobic, New York (996); Leon Manchester, Pulaski, New York (986); Leon Manchester, Pulaski, New York (235); Albert Bartles, San Antonio (209); Walt Clark, Okcholoe (768); Lowell James, Davie (616); Bob Houff, Rochester, New York (559); Be Holis, Amarillo, Texas (666).
- Bareback Riding—Boyce (917); Clark (979); Clemmons (840); Burnett (509).
- Saddle Bronc Riding—Clemmons (1213); Boyce (771); Bob Aber, Seabrook, North Dakota (598); Boyce (557).
- Calf Roping—Martin (510); Buck Posey, Okta, Oklahoma (457); Harold Mills, Chiefland (383).
- Bulldogging—Dent (557); Holis (557); Bartle (420); Boyce (356).

The Florida Cattlemen
Pretty Paula Perry, 8-year-old Okeechobee High School senior, was queen of the Labor Day rodeo there. (Photo courtesy Portland Cement Association)

Okeechobee Has Rodeo Crowd

Good weather and one of the largest crowds in Okeechobee history featured the Labor Day weekend rodeo there sponsored by the Okeechobee County Cattlemen's Association.

900 paid admissions were reported by Clifford Boyles, association secretary, for the two performances. Weather was good, he said.

Red Martin of Pompano won the calf roping, with Bud Clemens of Kissimmee winning Bareback Bronc Riding, Glenn Murphy of Avon Park winning Bulldogging, Paul Stokes of Lorida winning in Bull Riding, and Babe Ashton of Lorida winning the Saddle Bronc Ridding. Mrs. Faye Blackstone of Parrish placed first in the Cloverleaf Barrel Race.

Winners, listed in order by go-rounds, with top times shown in parenthesis, were as follows:

Calf Roping—First go-round: Tom Kirby (21.2 seconds), Red Martin, Albert Barthe, Glenn Murphy; Second go-round: Martin (14.9 seconds), Barthe, Murphy, Robert Howard; Average: Martin, Barthe, Murphy, Oscar Lee White;

Bareback Bronc Riding—First go-round: Winky Clark, Gary Hopkins, Bud Clemens, Bill Dallas; Second go-round: Clemens, Hopkins, Clark; Average: Clemens, Hopkins, Clark, Dallas;

Saddle Bronc Riding—First go-round: Babe Ashton, White, Hopkins, Clemens; Second go-round: Ashton, White, Clemens; Average: Ashton, White, Clemens, Hopkins;

Bulldogging—Murphy (6.4 seconds), Howard Crouch, V. L. Underhill, Norman Stokes;

Bull Riding—Paul Stokes, Underhill and Frenzy Hand (tied for second), Ham Brown.

The U. S. Department of Agriculture says household consumption of butter and margarine is on the rise.

Feed required to produce a pound of broiler meat has been cut from four to three pounds.

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BETTER THAN 20,000 paid attendance has been predicted for the 1955 West Florida Championship Rodeo which will be held at Bonifay October 7 through 9.

Sponsored by the Bonifay Kiwanis Club, the West Florida Championship Rodeo has become a featured attraction of the South's Rodeo circuit since its start 10 years ago—attracting fans to the West Florida community in ever-increasing numbers each year.

This year's Tenth Annual event promises to be a "dilly" according to general chairman Paul Bowyer, who adds that no efforts have been spared to give the customers the best possible show. One of the newest citizens of Bonifay will be one of the features of the 1955 event. He is the veteran rodeo performer, judge and producer, Ralph Collier.

Collier, who recently moved his rodeo production equipment from Coleman, Texas, to Bonifay, also brings with him 22 years of experience as a rodeo entertainer. An insight into his ability as a contestant, is best given by the fact that he was one of only five men ever to successfully ride "Five Minutes to Midnight," a bronc thought by many to be the toughest piece of "hoss flesh" ever to hit the rodeo arena. Broken bones notwithstanding, Collier proved himself as a contestant before moving, first, into the role of judge and, finally, into the field of rodeo production. With him to Bonifay comes a herd of R.C.A. approved stock, including a string of Canadian horses that have a reputation of being "mighty tough".

Collier is but one of the attractions for Bonifay rodeo goers, Bowyer points out. Glen Wood of Ardmore, Oklahoma, veteran rodeo announcer, will call the action for the 1955 Bonifay show. He has worked many of the nation's top shows.

Bill Bushbaum of Montana and his Liberty Horse act, Charlene Beal of Shawnee, Oklahoma, and her Roman riding act and trick roping, and Clowns Cecil Ellis and Don King from Texas complete the full schedule of special acts. Music will be supplied by Dick Warner and his electric organ from Woodbine, Iowa. Warner is returning to the Bonifay show where he has supplied the music in the past.

$1875 in prize money, plus entry fees, has been posted for winners in the various events, with $375 (plus entrance fees) posted for saddle bronc riding, bareback bronc riding, calf roping, bull dogging and bull riding events.

Behind the rodeo is the Kiwanis Club of Bonifay, for ten years sponsors of the event. The increased popularity of the annual show has paid off in many ways for the community as the proceeds have been used for underprivileged children in the county, building and enlarging Memorial Field, the community's athletic field which was deeded to the citizens of Bonifay by Kiwanis, and, last but not least, Holmes County High School.

A big improvement at this year's show will be in seating. The steady increase in attendance (better than 20,000 paid last year) caused a real shortage of seating space in recent years. So the Kiwanis went to Louisiana and purchased a stadium. While it won't be completely erected in time for this year's show, Bow-
Western as the West itself...

Snug, trim LEVI'S give you that hip-hugging, comfortable Western fit men of action prefer. And LEVI'S are as rugged as they look! So when you buy blue jeans, get the real thing—get LEVI'S—the original Copper-Riveted blue jeans!

When great Western cities were still dusty cowtowns, LEVI'S were already the cowboys' favorites!

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With Florida Kowbelles
Pays Visit to

Tom Cannon's
Family at Live Oak

by Ethel Hales Stangel

I enjoyed a nice long visit with Mrs. T. C. Cannon, Jr., of Live Oak.

The T. C. Cannon juniors and the T. C. Cannon seniors operate Cannon Duroc Farm, and in addition to grade A Duroc hogs raise tobacco, corn, cotton, soy beans and cattle. There is also Cannon's F. R. M. Feed Store in Live Oak, owned jointly, but operated by the senior Mrs. Cannon.

The younger Cannons have two children, Bill, aged six, and Janet, four. For the past four generations there has been only one child, and that one a boy—they are surely proud that the Tom juniors broke the record with Janet.

The Tom Cannon juniors have a new ranch-type home which they moved into early last year. It has three bedrooms, breezeway, sun porch and two-car garage. It is set on a hill, amid a dozen oak trees, three-quarters of a mile from the paved road. Pines and permanent pasture in front frame it. Folks say they live "on the hill in the woods."

Trees from the place were sawed to make the lumber for the house, which has exterior of brown asbestos siding. The living room and dining room have pine paneling, done in natural. The rest of the interior is sheetrocked. Mrs. Cannon says with a grin: "I told Tom that as the sheetrock gets kicked out we'll replace it with pine paneling." Of course we know that the walls are not apt to get "kicked out" (but she wishes she had pine paneling on all of them).

The utility room has a big sink and a row of cabinets for holding supplies. Here vegetables are prepared for cooking and freezing. Here also in the big sink the children are often bathed.

The bathroom is cheery and soothing in two-toned yellow and green tile with ivory.

In the kitchen and bathroom, Mrs. Cannon uses the plastic stick-on hooks to hold towels, tooth brushes, and so forth, and likes them. "They are surprisingly substantial," she says, but adds thoughtfully, "don't let the children try chinning on them."

Each family member has his own towel rack (the children's are low) and when they are all dressed with gay towels the bathroom looks "like a Christmas tree" to use Mrs. Cannon's picture-words.

The senior Cannons have an outside shower for summer use and the young

For the Kowbelles

One of our best known lawyers, a tectotaler, is telling this story:

There is a new television in the house and his very young granddaughter has been looking at the programs which include those advertising alcoholic beverages. At the table the entire family drinks tea but small fry insists on pushing her glass toward her mother or grandmother and in unladylike tones asks for "Be-er—Be-er".

All that is needed now is to have the preacher for dinner!

A friend, contemplating the purchase of an adding machine hinted that she might buy one of the inexpensive calculator-type which does not print. Don't you make such a mistake, if you're buying a machine! When one puts figures into a machine little can be gained if those figures cannot be checked for accuracy. Without such assurance it is hard to know where to begin in running down an error.

What do you do first thing when you burn yourself? Put oil—any kind—on the burn? It is fine for first aid, and lard; cream, butter, even kerosene oil, may be used. The important thing is to put it on QUICKLY.

When young Harold stepped on a piece of white hat metal at the farm shop, Ralph quickly dunked his foot in cylinder oil, then raced to the house with him where he kept his foot in a pan of kerosene until we could administer first-aid. The burn did not blister and after the first hurt did not keep him from wearing his shoe.

I wonder what percentage of people like double features at the movies? I used to. Now after one I'm tired, ready to go home. I may even doze through the second one. Most children I believe though could sit through a dozen pictures running—if their tummies were kept filled.

Did you ever go to a Dedication Service for a home? The service, conducted by the couple's minister, is impressive and meaningful. Why not dedicate your shiny new home and its family to God?
Cannons plan to put in a sink and shower at the pump house. One of these days they plan to have their bathroom traffic which is bound to increase as the children grow.

Television is on the 12 x 15 breezeway—the everyday living room.

Mrs. Cannon likes to sew but has little time for that. She is the farm bookkeeper and stays close to the animals through means of their records.

Mrs. Cannon freezes a considerable amount of fruits, vegetables and meats. She blanches all vegetables, except corn. She freezes shelled pecans to keep them fresh. She does not like to use fruit jars in the freezer as the contents must be nearly thawed for removal and also if they are filled too full they will leak.

This is the first time in the young Cannons' lives that they have been settled in their very own home and they are enjoying putting out shrubbery and plants for permanency. They have quite a number of azaleas and roses—Mrs. Cannon's favorite flower.

In winter, Mrs. Cannon's yard has lots of leaves, because of her handsome trees, but she lets them lie to protect the grass (and to save work) until the sun begins to get hot and to leave them longer would scald the tender grass. That way, rakings are few. The rich oak leaves are placed in a pile to rot for later use around flowers.

A different, luscious fruit cake is a family dessert favorite. To a standard applesauce cake recipe Mrs. Cannon adds whole eggs, to which she adds one pint of cream (soaked first), dates, pineapple, all finely cut.

For the applesauce cake recipe Mrs. Cannon adds one and a half quarts of milk. Combined with powdered milk.

For the applesauce cake recipe Mrs. Cannon adds one and a half quarts of milk. Combined with powdered milk.

She freezes a considerable amount of milk and cream are not available. Mrs. Cannon combines canned cream with powdered milk.

Good Teamwork in a lively box plaid WASHABLE Cotton Pearl Snips Colors: Blue, Red, Brown, about 8.00 at better dealers

Get your FREE Booklet "Lore of the West!" interesting facts and fancies plus illustrations of newest H BAR C styles, at your local dealer or write direct.

Another word about the Cannon youngsters—Bill, aged six, remember, is already a hog "man", and expects to show Durocs at the State Fair in 1956. He has already helped to show hogs—has his own walking stick to use. He is looking forward to 4-H and wants to go to Chicago as his father, who won a trip there at 16.

Janet is quite a girl too at four. And what a fishermess—recently caught 13 shellcrackers as big as your hand!

The Romans passed a law in 205 B.C. to prevent women driving chariots or riding horses on the streets of Rome.

World production of meat last year set an all-time high at more than 85,000,000,000 pounds.
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Looking for a Ranch!—For the best, see Bill Thach, Phone 17, Southern Colorado Land & Livestock Co., Walsenburg, Colorado. 105c.


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WANT TO SELL? Classified ads in this section can be bought for 20 cents per word, as little as $2.00 per month, with circulation to 12,000 readers of The Florida Cattlemat and the Coastal Cattlemat. Contact Koppe, Box 153, Rt. 2, Ocala, Florida. 85c.

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Holstein springing cows and heifers. Priced right. Write Walter McFarland, Watertown, Wisconsin. 15c.

For sale—Growthy, Service age, registered, dehorned, milking Shorthorn bulls. Four years old. J. C. Taylor, 1022 Park Street, Jacksonville, Florida. 75c.

Angus—Big, fast growing type of pure Scotch breeding. Request folder. Wye Plantation, Queenstown, Maryland. 65c.

For Sale—Holstein and Guernsey breeders, all ages, some bred, good breeding; sold on approval. James E. Welch, Mukwonago, Wisconsin. 25c.

Seeds & Hay

For Sale—Seminole Ooi seed, well adapted to Florida growing conditions. $2.00 per hundred. Less for large orders. J. R. Emerson, 112 W. 1st Ave., Gainesville, Florida. 101c.


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Purebred Shorthorns and Aberdeen-Angus
Males and females of all ages
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on your winter feed needs of
Cotton Seed Meal, Snap Corn Etc.
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OUR SPECIALTY
We ship all over the world. Made from your drawing. Specify whether for cattle or calves, and English or Brahman.
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Auctioneer
Robert D. COOPER
Florida's leading purebred and commercial auctioneer:
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SARASOTA, FLA.

Due to advancing age and two
recent attacks of illness I am offering my
Florida Ranch and
Santa Gertrudis
Cattle For Sale
The ranch contains 576 acres—with practically
no waste land, and fronts on U. S. Highway
98 for 3/4 mile, near Madison, Florida and 14
miles South of Georgia State Line. There are about
50 "S" cows due to calve during winter—there are 7 or 8 "S-Bar-S" cows—all of them
under 5½ years old. There are about 18
young bulls and 6 heifers ready for classification.
There are 3 "5/8" Hard Bulls. There are
about 60 calves less than 18 months old. The
ranch will safely graze 300 adult cattle 8½
months each year with only supplementary
minerals added.
If interested I can be contacted at Hotel
Madison in Madison, Florida, and will be
glad to show the ranch and cattle.
H. H. Shipp, M. D. Owners Robert H. Shipp

GREAT SOUTHERN MINERALS
The Water Soluble Supplement
Keep your cattle off the
low grade market
IN LIQUID for your
MOLASSES TROUGHS
IN POWDER MIX
for salt feeders

Mail to:
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Box 236, Station A
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NECESSITATE
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for October, 1955
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**Your Vet Says:**

**Need for Salt Is Great**

Most people know that Stephen Babcock invented the test for buttermilk in 1905, but few of them know that he also did a lot of work to show the importance of salt.

One of his tests involved dairy cows that were well-fed but received no salt for a year. Eventually all of these animals broke down, with complete loss of appetite and cessation of milk production. Recoveries occurred rapidly when the cows were given salt again.

On the basis of these and other experiments made over 50 years ago, salt-feeding recommendations were made which are still widely followed. Generally, they provide for three-fourths of an ounce daily for every 1000 pounds of body weight, and in addition, thirds of an ounce daily for every 100 pounds of milk produced.

This means that good cows often won't get enough salt when it is furnished only as one percent of the grain ration, and beef animals may also suffer under such a plan. If more salt is mixed with the grain, it may be so unpalatable that animals won't eat it.

To avoid trouble it will be best to furnish the salt free-choice in addition to mixing one percent with the grain. Cattle that want more salt can then get it without being compelled to eat dirt or filthy bedding. Such feeding is recommended for calves as well as older animals, and should be started as soon as they begin to eat grain. Opinions vary on the relative value of loose and block salt, but a recent experiment at Cornell University supplies some interesting information.

A three-year average showed that cows voluntarily ate about twice as much loose salt as block salt. However, the cows that received block salt got enough to meet their needs and did as well as those that ate twice as much loose salt. It was also shown that cattle have a definite preference for loose salt when they have a choice between it and the block variety. The extra loose salt was regarded as "luxury consumption" in all cases, or more than the cows really needed.

A recent Kansas experiment showed that steers receiving salt outgained those without it by 65 pounds each, and sold for 50 cents a hundred more. Based on the amount eaten by the steers during their growing and fattening periods, these differences would make the salt worth about a dollar per pound for feed.

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96  The Florida Cattlemen
DeSoto Association Is Active

Most activity—and a larger membership—have been achieved by the DeSoto County Cattlemen's Association so far in 1955.

And women on the board of directors are one of the innovations which has helped a lot.

That's the word from Arthur Shaffer of Arcadia, president of the group, who stressed the following activities which have helped build interest:

1. Meetings are being held in different localities around DeSoto County—not all of them in Arcadia as has been the case in past years;
2. Entertainment is being planned for every other meeting—and a meeting is being held every other month;
3. Most business is being handled by the board of directors which meets in alternate months and live programs are provided for the membership meetings (incidentally, the ladies have contributed many ideas at board meetings).

"I think we're showing more life this year than in the last five or six," said Shaffer, crediting George Wallis of Arcadia, who is vice president and program chairman as well, with much of the credit.

A live-wire finance committee got to work the first thing this year, and 40 new members were signed up within a few months.

Since the new members needed something to help them retain their interest, it was decided to serve refreshments or hold a barbecue or some such entertainment at every meeting, and avoid the long business sessions by taking business matters up in the board of directors.

Among the programs have been a grading demonstration at H. D. Ryal's ranch near Fort Ogden, and a talk by FCA President Jay B. Starkey of Largo.

DeSoto, like many other local associations, has been content for several years simply to raise its assessment to FCA and do little on the local level. Declining revenues made it more and more difficult, however, and the new activities were planned to develop more local interest. DeSoto is one of the oldest of the county associations.

East Palatka Market Now Feed Mixing Plant

A new mixing company has leased the old East Palatka State Farmers Market, according to H. E. Maltby of Palatka, Putnam County Agent.

for October, 1955

Calf Sale
Tri-County Livestock Auction Market
October 12, 1955
Blountstown, Florida

Feeder Calves • Fat Calves • Stocker Calves

350 Head Plus

The sale is to be held under the auspices of THE WEST FLORIDA CATTLEMEN'S AND LIVESTOCK ASSOCIATION. Offerings will include good lots of heifer calves that should interest the commercial cattlemen, several lots of fine quality feeder steers, as well as slaughter calves.

Do not miss this opportunity to see and buy these quality calves. The West Florida Cattlemen's and Livestock Association plans to make this sale an annual event, and will appreciate your support.

FOR FURTHER INFORMATION WRITE OR CALL

Gerald Cayson, president

West Florida Cattlemen's and Livestock Association
Blountstown, Florida
**EDITORIALS**

**West Florida's on the Way!**

If you've not visited West Florida lately, be sure you look closely when you journey to Panama City for the Florida Cattlemen's Association convention in November.

For this country—which used to be short on both quantity and quality of livestock—has adopted grassland farming in a big way. Livestock, which used to be a minor factor in the economy of the area, occupies an increasingly important place.

Thousands of acres of improved pastures have taken the place of the plantations and share-cropped farms of the past. And in some of the formerly undeveloped "flatwoods" areas nearer the coast, improved pastures have taken the place of piney woods as they have in southern Florida.

Along with the development in pastures has come better cattle. Dozens of registered herds, most of them as yet small, are helping to supply the pure-bred bulls to increase the quality of the cattle. Swine have also shared in this improvement, with well-bred hogs replacing the piney woods rooters of the past.

Some of Florida's largest feedlot operations, taking advantage of local grain and cottonseed meal which must be shipped to feeders further south, are located in this panhandle area of Florida.

This issue of The Cattlemen puts particular stress on West Florida—the area west of the Apalachicola river. We invite you to read these articles and learn more about this rapidly developing section. And of course a first-hand look during the FCA convention is also in order.

**Take Care of Your Equipment**

Spuds Johnson, the Florida Extension Service's mythical columnist, has come through with a column on caring for farm machinery. Here are some excerpts:

"Recently, a farmer's wife did a strange thing. She put out in the back yard such items of household equipment as the washing machine, the home freezer, the refrigerator, her electric iron, and the cookstove.

"When her husband objected that this would unduly expose these valuable pieces to the elements—with ultimate loss of the equipment—she silently made a circle with her finger, pointing in succession to a $3000 tractor sitting in the blazing sun, an expensive combine rusting in a fence corner, and an equally costly forage chopper in another section of the yard, showing rust patches and sun-scorched places.

"She explained that she was tired of having her husband object to buying expensive household labor-saving devices when he cheerfully went into debt for a new tractor. She also said she was equally tired of his complaints at minor repairs on the household equipment when he was willing to let his more expensive equipment rust and corrode, and be buffeted by dust and rain.

"The moral of the story is that Florida farmers are losing thousands upon thousands of dollars annually in too-rapid depreciation of exposed equipment. And they don't even consider the fact that such machinery doesn't operate as efficiently as cared-for equipment."

Spuds didn't mention the heavy losses to farm equipment from careless maintenance, but he should have, because this, too, is costly for Florida's farmers. Inexperienced operators who fail to check the oil can tie up a $10,000 tractor just as surely as if it had been sabotaged by an enemy.

With cattle prices low, it's doubly important to Florida ranchers that they get maximum service out of the machinery they already own. More attention to shelter and maintenance can help tremendously.

**Join Now to Sell Beef!**

Back in August every subscriber to The Cattlemen received a mailing piece inviting them to authorize deduction of 10 cents on every animal sold at auction or direct to the packer, with the proceeds to be used for beef promotion by the newly-formed Florida Beef Council.

To date more than 500 cattlemen have returned the postcard authorizing this deduction. The cost will be infinitesimal to the cattlemen, but if all producers sign up it could raise $40,000 a year for beef promotion. If you haven't returned your card, do so immediately. Or if you have lost it, see your local Association secretary and ask for another.

The Florida Cattlemen
Whenever Florida farmers get together, the talk these days soon turns to the Fordson Major Diesel Tractor and the way it does more work at lower cost. For example, to help you get more field work done faster you can use Fordson Major power with such implements as a rear-attached mower, 3-bottom plow, 3-disc plow, bush and bog harrow and 6-disc tiller. You can equip the Fordson Major with a loader, backhoe, rear blade and post hole digger to save time and labor on many other jobs.

With all these tools, and on all your jobs, this 3-4 plow tractor will amaze you with its fuel economy. Many users report fuel savings up to 60%! You owe it to yourself to find out more about the low-cost Fordson Major Diesel and the way it can help you get more done at lower cost. So, see your nearby Ford Tractor and Implement Dealer soon!

Ask for a free Fordson Major Demonstration!

IN FLORIDA see these FORD TRACTOR and IMPLEMENT DEALERS

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for October, 1955
The New D7 Series C

102 drawbar HP, 128 engine HP - 131/2% more powerful than the former D7. Regular equipment includes the long-lasting oil clutch, new "water-quench" hardened track shoes, more powerful starting engine with single lever control and many other important features.

THE NEW TRACTORS
TO KEEP PACE WITH FLORIDA'S PROGRESS!

Here they are: bigger, more powerful Caterpillar Diesel Tractors to match Florida's prodigious growth... the mighty D7, D8 and D9. More of everything you need to move more dirt... to clear more land. Count on these new tractors to give you more work capacity... even more outstanding fuel economy... famous Caterpillar long life and new matched equipment to make the most of these advantages. We stand behind these powerful newcomers with Florida's finest, most modern and efficient service, equipment, and parts.

GET THE FACTS AT YOUR CATERPILLAR EQUIPMENT DEALERS

The New D8

Offering a choice of torque converter (Series D) or direct drive (Series E). 155 drawbar HP (direct drive), 191 engine HP, Constant "live-shaft" PTO for winch or cable control. In-seat starting. Seven-roller track frame. Many other improvements.

The New CAT D9 Tractor

286 HP, with new six-cylinder engine, 6 1/2" bore and 8" stroke. Choice of direct drive (230 drawbar horsepower), or torque converter. "Live-shaft" PTO. First track-type tractor with Turbocharger. Many other advances.

Smaller Caterpillar Diesel Tractors also advanced by recent improvements, are the D6, D4 and D2. Won't you call our headquarters near you for all the facts! We'll give you information on the benefits of owning a Caterpillar Diesel Tractor. We'll gladly show you the world's most complete line of track-type tractors. We also have a stock of good used Cat equipment that will save you money and give you the many advantages of Caterpillar ownership.

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CLEWISTON, FLORIDA

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