A copy $2 a year

MAY

NINETEEN SIXTY-FIVE

Forestry
NOW...a convenient and economical feeding program for Florida horses!

Many Florida horse owners do not have hay or grain available at the right price and quality. In some cases, they do not have storage facilities or time to feed hay or grain. Nutrena Horse Kwik Ration is designed for their needs.

This is an all-in-one ration combined into an easy-to-handle, easy-to-feed pellet and assures a feed supply that will provide your horses with all the nutrients they need for good health.

Nutrena Horse Kwik has guaranteed amounts of Vitamin A and other essential vitamins and minerals to keep your horses strong, healthy and alert.

For complete information see your Nutrena dealer or your Nutrena representative.
Florida Cattlemen's Association
A Report from the Executive Vice President

5500-MILE SWIFT TRIP has just been completed by Executive Vice President Art Higbie as a guest of Swift and Company. Complete report of the trip is slated to be included in the June issue of The Cattlemen, outlining the tremendous market being developed for beef throughout the nation. After seeing the great demand for beef in the New York area, alone (within 50-mile radius: 12 million people, 1000 babies a day), it was apparent everywhere that beef is in demand.

BRANDS AND THEFT committee met in Tampa in mid-April. Present were: Ernest Webb and Wilson Powell, Department of Agriculture; Ray Raulerson; Al Dawson; Chairman Nat Hunter; M. M. Overstreet; B. J. Alderman; Elvin Daugharty; President W. D. Roberts; and Art Higbie. FCA directors had asked Commissioner Conner's office to prepare a revision of the proposed marks and brands law as per the outline in the minutes of the board of directors meeting. Revision approved by the group was changed substantially and President Roberts is considering bringing the matter back to the directors for their final approval.

BRUCELLOSIS VACCINATION efforts in Florida are not being phased out! Rumors to this effect are being "spiked" by both Dr. Clarence L. Campbell, state veterinarian, and Dr. J. B. Healy, in charge of the Florida office of USDA's Disease Eradication Branch. (See story on page 46 of this issue.)

AITC COMMITTEE also met in Tampa recently with Bobby Loeb, Arthur Bissett, J. O. Pearce, Jr., Ray Raulerson, Buck Hawkins, and Art Higbie being present. New rules designed to reduce the possibility of the spread of Bangs were approved, including the provision that all cattle coming into the state for feedlot purposes must be branded on the left jaw with an "S" not less than two inches in height. Loeb, who is considering applying for a feedlot permit in the Miami area, was in agreement with the ruling.

S. L. CROCHET, who is chairman of the FCA committee in charge of making arrangements for entertaining Latin-American cattlemen at Miami in October, is planning an organizational meeting for the event at an early date. Vice chairman is Henry Mangels, president of the Dade County Association.

FCA MID-YEAR CONFERENCE plans are really "humming" along and the end result should be an outstanding event for the whole family at Naples June 16-18. It's time to get in your advance reservations! Write C. A. Jordan at the Beach Club Hotel in Naples.

FCA AND AITC Committee are in agreement that the screwworm program on the southern Texas border is now an international project and should be completely financed by federal funds. Senator Holland is being so advised by both groups.

PROPOSED LEGISLATION on foreign beef labeling being sponsored by FCA is in good hands, according to word from Dr. T. P. Chaires, chairman of FCA's legislative committee. He says Senator Irlo Bronson will be one of the sponsors of the bill in the senate.

MAKE YOUR PLANS NOW to attend the Beef Cattle Short Course in Gainesville May 6-8. This event is recognized as one of the best teaching tools in the state. You should attend! —Art Higbie, Executive Vice President
The Florida CATTLEMEN
and Livestock Journal
May, 1965

VOL. XXIX, NO. 8
ROBERT S. CODY
Publisher

William A. Gephart
Editor

President—Aldus M. Cody, Assistant Editor—James J. Flanagan, Field Representative—John R. Morris, Advertising Manager—Harry E. Hammond, Advertising Coordinator—Mrs. June Stanko, Circulation—Howard Jonsson. Address Correspondence to Bureau of Promotion, Kissimmee, Florida 32741, Phone 847-2862 (Area 300)

Calendar

MAY
May 1—Dundee Ranch Production Sale, Lutz
May 6—Beef Cattle Short Course, Gainesville
May 7—Quarter Horse Show, St. Augustine
May 8—Quarter Horse Show, Knoxville, Tenn.
May 8—Quarter Horse Show, Saint Augustine
May 9—Quarter Horse Show, St. Augustine
May 9—Junior Horse Show, Mooreville, Miss.
May 9—Junior Horse Show, Titusville, Fla.
May 9—Badger Show, Abilene, Kan.
May 12—Dairy Show, Gainesville
May 15—Lester Angus Dispersal, Ellenton
May 15—Quarter Horse Show, Auburn, Alabama
May 15—Red Angus Sale, Cairo, Ga.
May 20—Mooreland’s Dispersal, Mooreville, N.C.
May 22—Mineral Horse Show, Madison
May 22—Sullivan Quarter Horse Sale, Madison
May 29—Trail Duster Q.H. Show, Lake Wales

JUNE
June 4—5—Horse Sale, Hawaii, Ga.
June 5—Horse Sale, Atlanta, Ga.
June 18—Horse Sale, Detroit, Mich.
June 18—Horse Sale, Columbus, Ga.
June 19—Horse Sale, Horse Show, Falmouth, Mass.
June 22—Quarter Horse Show, Parrish

JULY
July 2—Quarter Horse Show, Arcadia
July 3—Quarter Horse Sale, Kissimmee
July 10—Tuscaloosa Health Fair, Tuscaloosa, Alabama
July 21—Feeder-Stock-veal Sale, Kissimmee
July 28—Hillsborough Feeder Sale, Selma
July 30—Florida Gr. Steer Sale, Unannounced

AUGUST
Aug. 2—Feeder-Stock Calf Sale, Monticello
Aug. 3—Junior Steer Sale, Kissimmee
Aug. 4—Feeder-Stock-veal Sale, Gainesville
Aug. 6—Feeder-Stock-veal Sale, Kissimmee
Aug. 13—Mid-Fla. Feeder Sale, Orlando
Aug. 20—25—Feeder Sale, Sarasota
Aug. 27—Banana Ass’n Feeder Sale, Tampa
Aug. 27—Columbus Feeder Calf Sale, Lake Wales

SEPTEMBER
Sept. 2—Leon Feeder Calf Sale, Monticello
Sept. 2—Leon Feeder Calf Sale, Kissimmee
Sept. 10—Mid-Fla. Feeder Sale, Blountstown
Sept. 16—Feeder-Stock-veal Sale, Kissimmee
Sept. 17—Poisoned Calf Sale, Lakeland
Sept. 18—Marion Feeder Calf Sale, Ocala
Sept. 23—Jackson Feeder Calf Sale, Mariana
Sept. 24—All Calf Feeder Sale, Gainesville
Sept. 30—Feeder Calf Sale, Madison

OCTOBER
Oct. 6—Graded Heifer Sale, Kissimmee
Oct. 15—Fla. Annual Convention, St. Augustine

OTHER DATES
Nov. 6—7—Quarter Horse Show, Miami
Nov. 11—Quincy-Tallahassee Hereford Show, Quincy, Ga.
Jan. 8—Bar Prod, Sale, Zephyrhills
Jan. 22—Cows & Sons Sale, Kissimmee
Mar. 5—Hull-Dobbs Hereford Sale, Walls, Miss.

Service Issues of The Florida Cattlemen for 1965-66

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

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The Cover for May, 1965

TREES and grass make a good combination in this scene taken at Caruso Ranch, Onece. The Bahia grass is a “partner” with the slash pine stand that was planted in 1958.
What's left out of a feed is important, too

When you buy a livestock feed supplement, it's good business to know what's in it. But it also makes sense to check what's left out.

At MoorMan's, we spend a lot of research time and effort determining what to put in every Mintrate® or Premix-trate®.

But we leave out some things, too:

1. Unnecessary ingredients

   Grain, grass and roughage supply many of the nutrients livestock need to produce meat and milk. You don't need to go to the trouble and expense of duplicating these nutrients.

   So we leave out grain, bran, midds, mill screenings, and other grain by-products.

2. Inferior ingredients

   To use grain and roughage most profitably, livestock need minerals, vitamins, proteins—and, in some cases, other ingredients to promote growth and thrift.

   But there's a big difference in proteins and other ingredients. At MoorMan's, we leave no stone unturned to find the quality we want.

   Any ingredient shipment that can't pass our exacting laboratory quality control tests is left out.

3. Unproven ingredients

   New feed ideas come along frequently these days. We keep track of them—check out promising ones in our Research Laboratories, on our 1,280-acre Research Farms, in Field Research tests on farms and ranches.

   Those that prove their value over the long pull go into Mintrates or other MoorMan Products. But those that don't are left out.

   Find out from your MoorMan Man what this can mean in low total cost of producing meat or milk.

Better Start a Worming Program
Now with
Dr. Rogers
TENA-BOV

Safe, highly efficient, micronized purified phenothiazine in TENA-BOV kills stomach and intestinal worms, helps your cattle get more pounds of gain from feed. They'll benefit, and your profit will too, several times over the cost of drenching with TENA-BOV. Start your worming program now . . . . break the worm life cycle with TENA-BOV and your profits will multiply.

Editor's Desk

Brokerage Firm Says Cattlemen Advertising Brings Action

Jacksonville

I am pleased to report that we have received more than 250 replies to our advertisement in THE FLORIDA CATTLEMAN, and the subsequent direct mail campaign. As far as I know this is the best return we have ever had from an advertisement since the Jacksonville office has been open.

Naturally, we are very pleased with the results and we will have more advertising shortly.

John Q. Mahon
Commodity Department
Hayden, Stone, Inc.

Mr. Mahon's ad referral concerns a recent insertion on a free booklet offer explaining cattle trading on the futures market.

Cattlemen Breeder's Trophy Acknowledged by Georgian

Albany, Georgia

I want to thank you for the Breeder's Trophy and recognition of our producing the Grand Champion Steer at the recent Fat Stock Show in Ocala.

Thanking you for your interest, I am . . .

Minor S. Jones, III
State Plantation

Ag Commissioner Reports Cattlemen Article Will Help

Tallahassee

. . . I appreciate this nice write-up regarding the Live Oak laboratory and its new director. Since your magazine has such wide distribution, this will let the citizens in this part of the State know that this laboratory is about to become a reality.

With warm personal regards . . .

Doyle Conner
Commissioner of Agriculture

Fair Official Extends Appreciation for Coverage

Orlando

Your . . . writer . . . presented us with an April issue of THE CATTLEMAN magazine.

This office is deeply gratified and appreciative of the wonderful publicity given the Beef Cattle and State 4-H

Latest Statistics

Commercial Slaughter and Average Weight (USDA) . . .

<table>
<thead>
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<th></th>
<th>Cattle</th>
<th>Calves</th>
<th>Swine</th>
<th>Sheep</th>
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<td>Feb. 1965 (Fla.)</td>
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<td>17.1</td>
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Slaughter Under State Inspection, Head (AITC) . . .

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<td>3229</td>
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Livestock Prices Per Hundred (USDA) . . .

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<tr>
<td>Fla., March 15, 1965</td>
<td>$17.10</td>
<td>$13.50</td>
<td>$18.60</td>
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<td>15.70</td>
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<td>U.S., March 15, 1964</td>
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<td>U.S., March 15, 1965</td>
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<td>13.00</td>
<td>20.60</td>
<td>25.30</td>
<td>16.30</td>
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Official Florida Brucellosis Vaccinates (AITC) . . .

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<th>Dairy Calves</th>
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<td>1877</td>
</tr>
<tr>
<td>January 1965</td>
<td>5256</td>
<td>1814</td>
</tr>
</tbody>
</table>
Weed-choked pond?

In just ten days, new Ortho Diquat can give you a clean, weed-free pond

New Diquat makes short work of the common water weeds—water lettuce, water fern, pondweed, coontail, Southern Naiad, water hyacinth and Elodea. Diquat is easily applied by spraying or injection under the water surface. The weeds absorb it, and quickly wilt, collapse and die. (For free-floating weeds, use a standard sprayer.)

Diquat is non-hazardous, used as directed. It would take 20 times the maximum recommended dosage to be at all harmful to fish. It’s inactivated immediately on contact with soil, and it doesn’t build up in water. In just 10 days (be sure to follow label directions), you can have clear, clean water for irrigation, watering your animals, swimming, or even a fishing hole.

“Helping the World Grow Better”

CALIFORNIA CHEMICAL COMPANY, ORTHO DIVISION, P.O. Box 7067, Orlando, Florida.
He not only looks like his father, my dear.

He's already eating...

FLORIDA CITRUS PULP

Why not solve your feeding problems with the feed that supplies digestible nutrients at the least cost. Florida Citrus Pulp is now in abundant supply for your feeding program... thus assuring the "best of feed" for your herd. Florida Citrus Pulp is not only high in T.D.N. (74%) but is also one of the lower cost feeds when prices are checked over a period of time, and particularly when checked as to cost per 100 pounds of T.D.N.

FREE CITRUS PULP BROCHURE
FREE 16 mm, FULL-COLOR FILM FOR GROUP SHOWING
WRITE TODAY!
FLORIDA CITRUS PROCESSORS
P. O. Box 2134, Dept. F.C.C.-22, Daytona Beach, Fla.

FOR FAST DEPENDABLE SERVICE
CALL

Phone 528-3575

PHILLIPS LIVESTOCK HAULING CO.

CHAIN SAWS designed for a wide variety of farm woodcutting uses have been developed in the 1965 line of 10 saw models introduced by McCulloch Corporation, Los Angeles, California. Four of the models are directed primarily to farmers such as the MAC 15, shown above, a budget priced direct-drive. Bill Johnson, general sales manager for McCulloch, says the latest line concentrates on further internal refinements for power, economy and performance.

Dairy Shows at the 1965 Fair in Orlando.
In going through the magazine we noted 21 pages carried items on either of these shows totaling more than 215 column inches and using 32 pictures. This is as fine a coverage we have ever seen on these or any livestock events. So our hats off to this able reporting...
The special section prefaced with full cover on our Dairy Sweetheart is especially fine in make-up and writing. Would it be possible to have sent to us another copy of the April issue? Bill us the cost, please... We want one to clip for our Fair Scrapbook and one to keep in our file.
Thanks again...

Lydia Billie King
Promotion Director
Central Florida Fair

'We like to receive such nice comments, naturally, and of course, we have furnished another copy at no charge to the writer.

Dairy Exhibitor Gives Thanks For Recent Show Pictures

Old Lyme, Connecticut
Thank you for your kind letter... with the enclosed photos. I am sure they will come in handy, and we will be happy to credit your magazine if we use them for publication.
Thanking you for your thoughtfulness in sending these photos...
E. Lea March, Jr.
Pioneer Farm

Dr. Kirk Sends Check for West African Subscriber

Ona
Enclosed find a check for $3.00 to cover two years' subscription to THE FLORIDA CATTLEMAN for... Mr. Joseph O. Laryea, University of Ghana... West Africa.

The Florida Cattleman
WILL IT PROTECT?
WILL IT PROTECT?

...that's the "real" question today. Cutting costs is essential today, but don't try to do it with cheap blackleg vaccine! Sure, you might get by, but lose just one animal and where's the economy? Think it over. You don't vaccinate "to go through the motions," you vaccinate to protect against disease. Doesn't it make good sense to give your cattle all the protection they need? Top protection with top quality Blacklegol is the best blackleg "insurance" you can get.

CUTTER MAKES SURE BLACKLEGOL POTENCY IS THE STRONGEST AVAILABLE. Each shot is full label strength — equally potent from first to last — because every lot of Blacklegol vaccine must pass Cutter's own doubly-strict potency tests or it is discarded — never sold.

ALHYDROX® MAKES THE DIFFERENCE — Blacklegol vaccines pass this test because they're fortified with Alhydrox to hold the vaccine in the animal's tissue, releasing it slowly, assuring a higher, longer-lasting immunity.

UP TO DATE "CULTURE BANK" — When new cultures of the blackleg disease organism are found in ranch outbreaks they are isolated, checked and stored in the extensive Cutter culture bank. The use of these outbreak cultures, plus an unmatched record of over 68 years experience and research know-how, keeps Blacklegol vaccines "muscle-up" to deliver needed protection.

The only "real" economical vaccine is the one that does the best job of protecting your investment against disease. Blacklegol — Quality standard in the field.

Blacklegol®
Best protection against blackleg.

Blacklegol® 'S'
Best 'double' for protection against both blackleg and malignant edema.

Blacklegol® 'S-HS'
Best 'triple' for protection against blackleg, malignant edema and shipping fever.

Blacklegol® 'S-N'
Best protection against blackleg, malignant edema and Clostridium Novyi infections.
Your dairy cows greatly increase milk production and your beef cattle rapidly put on valuable weight, when V-C Fertilizer helps your pasture to produce big yields of low-cost, high-quality grazing.

Your V-C Agent can supply you with the right V-C Fertilizer for your particular pasture program. This better fertilizer contains the plant foods your grazing crops need to make quick, vigorous growth, rich in proteins, minerals, vitamins and other nutrients.

Your livestock harvest this succulent, nutritious, appetizing green feed and convert it into low-cost, high-quality milk and meat.

You get more and better grazing—and extra grazing days, early and late—for extra profits. Start now to use V-C Fertilizer on your pastures!

SUPPORT THE
FLORIDA BEEF COUNCIL
IT'S WORKING FOR YOU!

WE OUTSELL... BECAUSE WE OUTSERVE
IBMA APPROVED

DIESEL MARINE INDUSTRIAL GOLF CART
HEAVY DUTY DIAMOND DEPENDABLE BATTERIES
AIRCRAFT MOTORCYCLE COMMERCIAL AUTOMOTIVE

ASK YOUR DEALER OR JOBBER
YOCAM BATTERIES, INC.
MOBILE, ALA. • COLUMBUS, GA. • ATLANTA, GA. • COLUMBIA, S. C. TAMPA • MIAMI • JACKSONVILLE • PENSACOLA • ORLANDO, FLA.

GREATER COMPACTNESS, durability and convenience are provided in the most recent portable mixer and mill models now being produced by the Arts-Way Manufacturing Company of Armstrong, Iowa. Company officials report the models 300 and 400 incorporate all design features of previous models plus new features, including a folding hopper on the auger feeder.

Mr. Laryea visited the station April 5-7 accompanied by Mr. Jack Walker, U.S.A.I.D.G., National Livestock Advisor to Ministry of Food and Agriculture, Ghana. They were both interested in animal breeding and forage production. Mr. Laryea has spent the last two years attending the California Polytechnic College, San Luis Obispo, California. W. G. Kirk
Vice Director in Charge Range Cattle Experiment Station

"Dr. Kirk has done this on several occasions which gives The Cattleman readers in a number of foreign areas. Thanks again, Dr. Kirk!"

Akins Named to Directorship In Peter Hand Company

SPEAKSMEN FOR the Peter Hand Foundation, Chicago, Illinois, recently announced that Wiley Akins, vice president and general manager of the organization, has been elected to the board of directors of the Peter Hand Brewery Company, Chicago, of which the Foundation is a division.

In announcing the appointment, Harry P. Heuer, president, also said that sales of the vitamin manufacturing division set new records for the year ending December 31, 1964.

The Peter Hand Foundation, with headquarters and laboratory in Chicago, operates plants in Chicago, Dallas and Charlotte, North Carolina. A research farm is also maintained near Monticello, Wisconsin.

Borden Chemical to Construct Additional Florida Facilities

EUGENE L. SULLIVAN, president of Borden Chemical Company, New York, N.Y., has announced that construction of a $15 mil-
For complete kill of ticks, horn flies, and lice, and protection against reinestation, mix Glo-Tox at the rate of 1 gallon to 160 gallons of water and spray cattle thoroughly.

For use as a charge for backrubbers, dilute with diesel fuel. An emulsifiable concentrate containing Toxaphene and Benzene Hexachloride. Ask for Globe Glo-Tox at your Pfizer dealer.

Read the label before you buy... it's your proof of Pfizer performance.
Use a

PURIFIED

Phenothiazine Drench

Until recently all phenothiazine was standard grade product. Now, in addition to fine particle size a new, more efficient grade of phenothiazine has been developed. PURIFIED phenothiazine properly formulated offers livestock raisers a superior drench. Tests show it to give the highest efficiency of control of stomach and intestinal worms.

A new formula using PURIFIED phenothiazine micronized for fine particle size, disperses a concentrated dose into the fourth stomach and intestinal tract. Tests prove this action kills more worms and more kinds of worms with little of the formula being absorbed.

Scientists report surprising differences in the effectiveness between PURIFIED phenothiazine drench and ordinary, small particle, green drench. Why settle for partial results? Start getting better feed conversion . . . faster rate of gain — maximum results from your cattle by using a PURIFIED phenothiazine drench.

Ask Your Dealer for PURIFIED Phenothiazine Drench

LEG INJURIES incurred by horses can now be protected comfortably by an inflatable plastic pressure boot specially designed for the purpose by Development, Inc., Cleveland, Ohio. A spokesman for the company reports the product is made of a double-walled, heavy gauge vinyl plastic that comfortably shapes itself to the contour of the horse's limb. It provides firm support for the damaged leg, permits free circulation, and helps prevent further injury and shock.
you put more in

...so you get more out

that's the simple fact
when you fertilize with
extra quality
Ideal 16-8-8 or 10-10-10 granular.
Let us prove it today!

WILSON & TOOMER
FERTILIZER COMPANY
Plants in Jacksonville, Tampa, Cottondale, Fort Pierce
GENERAL OFFICES - JACKSONVILLE, FLORIDA
how versatile concrete serves another building need on farms

A farm home of concrete masonry has livability and charm. New shapes and colors, textures and patterns give homes of modern concrete masonry special warmth and interest. Upkeep is no problem. And homes are easy to heat in winter, cool in summer.

Any farm building of concrete masonry is free from weather, rodent or termite damage. There’s extra fire safety, too. Moderate in initial cost, concrete masonry lasts a lifetime. Find out from your local producer how an attractive, functional home of modern concrete masonry can be yours.

Write for free booklet on concrete masonry homes.

PORTLAND CEMENT ASSOCIATION
1612 East Colonial Drive, Orlando, Florida 32803
An organization to improve and extend the uses of concrete

Advertise Consistently

THE BEST ON THE ROAD

MANEUVERABLE AND SAFE
CONTACT YOUR DEALER TODAY
John Culbreath
Livestock Sales Service
Brooksville, Fla.
Rt. 4, Box 70 Ph. 796-3175

Although the aluminum roofing was higher in initial cost, the cost of the finished aluminum rooms was $14.37 a square less than asphalt shingle roofs because of several factors simplifying the construction which lowered other materials and labor costs.

It was reported that in addition to cutting costs, aluminum was selected for the roofing job because of its wind resistance, fire resistance, heat reflectivity, and low maintenance.

Merck Announces Appointment Of Florida Sales Representative

MERCK & COMPANY, INC., of Rahway, New Jersey, has announced that Norman G. Lee has joined the firm as a sales representative covering Florida and south Georgia. He will be responsible for animal health products particularly "Thibenzole" cattle wormer.

A graduate of the University of Tennessee, Lee was previously with Central Soya Company, Chattanooga, Tennessee, and the Quaker Oats Company.

He is married and will reside with his wife and three children in Winter Haven.

Former County Agent Joins Agri-Department of Banking Firm

M. U. "Red" Mounts, recently retired county agent of Palm Beach County, has been named to head the newly established Agricredit Department of the First National Bank in Lake Worth, according to

GAS WELDING ideas for modern do-it-yourself work on the farm are contained in a recently published 64-page booklet of projects for the oxy-acetylene torch. Made available by the Educational Department of Smith Welding Equipment, Minneapolis, Minnesota, the booklet contains 12 sections, each devoted to phases of farming and how the gas torch can be used to make it more efficient. Further information on the booklet can be obtained from Tescom Corporation, Minneapolis.
Cooper-Tox Extra is top choice of more stockmen than any other dip or spray. Why? Because Cooper-Tox Extra delivers quick kill of Horn Flies, Ticks and Lice and also provides pasture protection. In Cooper-Tox Extra, TOXAPHENE and Lindane combine for fast kill and long residual action. Get Cooper-Tox Extra. One gallon makes 150 gallons of economical, effective spray or dip. See your dealer.

WILLIAM COOPER & NEPHEWS, INC. - 1909 N. CLIFTON, CHICAGO, ILLINOIS 60614

THE COOPER CIRCLE OF PROTECTION
NOW, GET BETTER WORMING ACTION FROM THE PURER, BROAD SPECTRUM CATTLE WORMER

Control internal worm infections effectively and increase cattle production efficiency with new broad spectrum Dr. Rogers' MICRO-BOV. Field tested and proved MICRO-BOV accomplishes better worming action per animal with safety and economy. The extra quality of 2-3 micron PURIFIED phenothiazine makes the difference. Use broad spectrum MICRO-BOV... get better worming action now.

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For fences that last

USE POSTS THAT LAST!

Creosoted Fence Posts

(Pressure and Non-Pressure Creosoted Posts)

- Solid to the core
- Double trimmed
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ONA, FLORIDA 33865

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CONTROLLED FEEDING on a 24 hours basis for hogs has been developed by Chore-Time Equipment, Inc., Milford, Indiana, according to the company. Listed as the Chore-Matic Controlled Hog Feeder, the unit has been designed to function with the company's Flex-Auger. It has no complicated electronic components or relays. Each feeding unit has an 18 pound maximum capacity.

an announcement by Albert E. Berkley, board chairman of the institution.

Berkley said that Mounts would serve as vice president in charge of the county's first specialized department devoted exclusively to the agriculture industry.

Mounts is well known in the field of agriculture, not only in the local area but throughout the state and nation, it was pointed out. Some honors bestowed on him in recent years include: USDA Award for Superior Service; Good Government Award of the West Palm Beach Junior Chamber of Commerce and the U.S. Junior Chamber of Commerce; Certificate of Distinguished Service from the National Association of County Agricultural Agents; Florida Nurseries and Growers Association Merit Award; and President of Florida State Horticultural Society, 1954.

Prior to his recent retirement from the post, Mounts had served as county agent in Palm Beach County for over 35 years.

Myzon Laboratories Announces Tetrazone Antibiotic

THE PRESIDENT of Myzon Laboratories, Inc., Kansas City, Kansas, Colonel Transue, has announced the introduction of six products containing Tetrazone, tetra cyclic hydrochloride, the newest of the family of tetracyclines.

Transue said that specifically in cattle, the product is valuable for the treatment or prevention of scour, shipping fever, and bacterial pneumonia in calves.

It was pointed out that all the new products may be used at treatment or prevention levels, and are formulated for convenient use in all types of automatic
The great assets

Forest resources are one of our most versatile and valuable natural assets. Another asset, sometimes easily overlooked, is the dedicated and skilled management of these wooded lands. Nurturing, protecting, and harvesting continuous crops of trees is a complex and involved task, and an important one.

For like controlled livestock quality, keeping Florida's forest acreage in a high state of productivity is vital. Many cattlemen have found livestock and pine to be a profitable partnership... for tree crops on grazing or marginal land add up to good business and good profit.

Today's forest-based industries mean much to our expanding economy, touching almost everyone, every day, with a growing range of products. Helping assure the continued wise use of our forest resources are the more than 300 professional foresters who manage our southern woodlands, and stand ready to help the private landowner.

Impossible? In a normal sense, yes. But thanks to modern farm technology, we can support more animals per acre and pasture the year around with haylage and sealed storage.

Haylage is made by (1) cutting "pasture" (grasses, legumes and small grains) at its peak nutrient stage, (2) wilting briefly to a 45 to 55% moisture level, (3) fine chopping, and (4) storing in a sealed feeding tower. As a result, there are no major losses from leaching (U.S.D.A. estimated annual nutrient losses from rain average 30% nationally) and leaf shattering (leaves contain about 70% of the protein and 90% of the carotene in grasses). Of course, gains are realized from "peak-value" harvesting and reduced labor and handling costs. Sealed storage is the key in haylage. The captive oxygen in the wilted and chopped forage is enough to promote first stage fermentation and the formation of beneficial, sweet lactic acids. However, because outside free oxygen is not present, further souring fermentation or mold and bacteria build-up does not occur.

Clayton & Lambert's Herd King Automatic Feeding Tower has been engineered especially for haylage and provides the most dependable storage and feeding available today. Its exclusive top unloading system is the only practical solution to the problem of removing compact forage... and provides truly push-button loading and unloading. The Herd King also features an extra rigid construction, positive gas control, and growth capability.

Send for the free 24-page Haylage Handbook and learn more about this modern method of harvesting and storing haylage in a Herd King, the ultimate in any forage crop—haylage—corn silage—high moisture grain.
**CONCENTRATED MINERALS AND VITAMINS?**

YOU BET! Compare for yourself the quantity of elements available in "Brand X" with those of CATALYX MINERALS. Figure out the savings you get from concentrated minerals and vitamins in reduced costs, less labor, and better balance in supplying your cows' needs.

<table>
<thead>
<tr>
<th>Element</th>
<th>% of Element</th>
<th>lbs. of Element per 25 lb. bag</th>
<th>% of element in Brand &quot;X&quot;</th>
<th>lbs. of Brand X to equal element in 25 lbs. of CATALYX Minerals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphorus</td>
<td>2.0% P</td>
<td>58.2</td>
<td>5.0</td>
<td>500</td>
</tr>
<tr>
<td>Iodine</td>
<td>1.0% I</td>
<td>0.44</td>
<td>0.024</td>
<td>1025</td>
</tr>
<tr>
<td>Calcium</td>
<td>40.0 Co</td>
<td>10.0</td>
<td>16.25</td>
<td>62.5</td>
</tr>
<tr>
<td>Magnesium</td>
<td>34.0 Mg</td>
<td>8.5</td>
<td>9.75</td>
<td>1132.5</td>
</tr>
<tr>
<td>Sodium</td>
<td>27.8 Na</td>
<td>6.9</td>
<td>2.4</td>
<td>395.0</td>
</tr>
<tr>
<td>Vitamin A</td>
<td>1 Mill. A USP/lb.</td>
<td>25 Mill.</td>
<td>None</td>
<td>1375</td>
</tr>
<tr>
<td>Vitamin D</td>
<td>200.00 D USP/lb.</td>
<td>2.5 Mill.</td>
<td>18,000 USP/lb.</td>
<td>1375</td>
</tr>
<tr>
<td>Vitamin E</td>
<td>2,000 E USP/lb.</td>
<td>50,000</td>
<td>None</td>
<td>5000</td>
</tr>
<tr>
<td>Potassium</td>
<td>52.0 K</td>
<td>13.0</td>
<td>2.2</td>
<td></td>
</tr>
<tr>
<td>Sulphur</td>
<td>50.0 S</td>
<td>12.6</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

For full information on this proven method of feeding minerals contact:

**CROSS FEED SERVICE**, 1111 Sunset Drive, Sebring, Phone 749-2221

**A. D. (DON) EDMISTON**, 3707 Vasconia, Tampa 9, Phone 834-6023

**WARD'S ENTERPRISES, INC.**, Rt. 4, Box 284-A, Live Oak, Phone 776-1181

Dealer inquiries to Bryce Strachan, 1622 N. Palmway, Lake Worth, Fla. Phone 582-9517

FEED SERVICE CORPORATION also manufactures the famous Morea liquified protein supplement. MOREA and CATALYX are trade-marks of Feed Service Corporation, Crete, Nebraska.

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...your best buy in beef A.I.

CURTISS offers you top-hand-bull-power in nine popular breeds. And all are selected on the basis of the CURTISS 4-BAR-C yardstick — Big Calf Crops, Fast Gains, Uniform High-Grading Conformation, Top Carcass Value.

Over 1,600 high-skilled CURTISSMEN make the frozen semen services of CURTISS sires available nation-wide. Or, CURTISS experts will teach you to breed your own cows.

Send for full particulars today! It'll pay!

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**FIVE DAIRY BREEDS—NINE BEEF BREEDS—ONE DUAL-PURPOSE BREED**

CURTISS BREEDING SERVICE, INC.

CURTISS FARM—CARY, ILL. Otto Schnering, Founder

Please send me full particulars on the CURTISS 4-BAR-C Beef A.I. Program.

Name: ____________________________

Mail Address: ______________________

Town: ___________________ County: _______ State: ____________

---

UDDER WASH water can be kept warm with this insulated "lactivator" bucket recently introduced by Crown Dairy Supply Company of Waukesha, Wisconsin. The company reports the bucket was designed to keep wash water warm for more effective letdown. It is one of several products being introduced by Crown under the name of "lactivator."
You’re sure of TOP money for your livestock at your nearby auction market

Nobody can take advantage of you at the livestock auction market. There are several bidders present for all classes and types of cattle and swine—and they’ll make sure that no one “steals” your stock by paying less than the day’s market.

Livestock market managers are in constant touch with the market throughout the country. Often you may find that they can advise you as to the best time to sell your stock.

Florida is fortunate in having a strong, well-managed group of auctions, scattered throughout the state so that one is near almost every producer of livestock. Use them!

CONTACT THESE AUCTIONS, MEMBERS OF THE STATE ASSOCIATION

Arcadia State Livestock Market
Auctions Every Wednesday
Pat Kelly, Mgr., Ph. WA 9-3151, 8-6901
ARCADIA, FLORIDA

Glades Livestock Market
Auctions Every Monday
Pete Clemons, Mgr.
Ph. WY 6-3028
BELLE GLADE, FLA.

Gainesville Livestock Market
Cattle Auctions Every Monday
Hog Auctions Every Tuesday
Tom Willis, Sales • Phone PR 2-3442
GAINESVILLE, FLA.

Cattlemen-Farmers Auction Market
Auctions Every Wednesday
J. W. “Buddy” Clark, Mgr. • Ph: 376-8304
GAINESVILLE, FLA.

Kissimmee Livestock Market
Auctions Every Wednesday
Kenneth Caldwell, Mgr. • 847-3521
KISSIMMEE, FLA.

Columbia Livestock Market
Auction Every Thursday
Terry McDavid, Mgr., Ph. 752-1874
Night 752-3022
LAKE CITY, FLA.

Cattlemen’s Livestock Markets
LAKELAND and TAMPA, FLA.

Suwannee Valley Livestock Market
Auctions Every Wednesday
Mrs. O’Neal Basket • Ph. FO 2-1702
LIVE OAK, FLA.

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

Monticello Livestock Market
Auctions Every Monday
W. E. Hawkins, Mgr. • Phone 997-1711
MONTICELLO, FLA.

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

Okeechobee Livestock Market
Auctions Every Tuesday
Pete Clemons, Mgr. • Phone RO 3-3127
OKEECHOBEE, FLA.

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

Interstate Livestock Auction Market, Inc.
Sale every Tuesday 10:00 a.m.
Special Dairy Sale every other Friday
Phones 689-2424, 689-5995
G. H. Robison, President
SEFFNER, FLA.

Hardee Livestock Market, Inc.
Auctions Every Thursday
Jack Duncan, Mgr. • Phone PR 3-9747
WAUCHULA, FLA.

For Further Information about Florida Livestock Auction Markets, Contact

FLORIDA ASSOCIATION OF LIVESTOCK MARKETS

Affiliated with the Certified Livestock Market Association
Livestock Exchange Building, Kissimmee, Florida
1940: Cattle Selection for Feeding Noted

A feature article written by W. G. Kirk of the Florida Experiment Station pointed out the importance of giving particular attention to the selection of animals for feeding, and the method of handling cattle in the feedlot. . . It was explained in an extract from a USDA bulletin that feeding cracked corn and cottonseed meal during the latter part of the grazing to steers fattening on grass increased their sale value over similar steers fattened on grass alone.

1945: Quincy Steer Show Has High Average

An average of more than 43 cents per pound was paid by buyers of 4-H and FFA steers at the first annual West Florida Fat Stock Show in Quincy . . . Various livestock groups in the state endorsed a program for the construction of five purebred livestock pavilions at a meeting held in Gainesville by Commissioner of Agriculture Nathan Mayo . . . A dozen Marion County farmers made experimental plantings of Pangola grass which had been under test at the University in Gainesville.

1950: Mounts Tells of Glades Cattle Total

County Agent M. U. “Red” Mounts of Palm Beach County told The Cattlemen that it was conceivable that there would be a cattle population totaling a quarter of a million head in the county by 1975 . . . More than 100 head of beef and dairy cattle from eight southern Florida counties were exhibited at the Second Annual Southeast Florida Livestock Show held at Belle Glade . . . Woodrow G. Glenn was transferred as county agent from Madison to Jackson County.

1955: Large Crowd Attends Short Course

Over 400 owners, herdsmen, managers and others attended the fourth annual Beef Cattle Breeders’ and Herdsmen’s Short Course at the University of Florida at Gainesville . . . T. Mabry “Jack” Carlton of Wauchula, noted the increased interest in Quarter Horses in the state . . . Bill Krusen of K Bar Ranch, Zephyrhills, was elected president of the newly formed Eastern Charolais and Charbray Association at a meeting held in Wauchula.

TIME OUT was taken during a tour of the farm of A. L. Jackson in Gainesville back in 1921 when this group posed for a picture. Left to right are: Alachua County Agent Colin Gunn; Lovette Jackson; and A. L. Jackson. The photo was sent in by Archie L. Jackson, Gainesville. The Cattleman solicits old photos for this space and will pay $2 for each accepted, returning the photo undamaged.
Are You Still Using This Greasy Kid Stuff to Kill Flies?

There's a better and easier way to kill flies. All you do is feed supplements, minerals, salt or concentrate containing new improved BAR-FLY.

BAR-FLY gets 'em where they breed...on the ground, before they fly!

BAR-FLY passes harmlessly through the digestive system...concentrates in droppings...destroys 95% or more of horn and face fly larvae before they ever reach the fly stage.

And BAR-FLY provides continuous low-level action against internal parasites as well.

The cost? Less than sprays, dips or oilers! And with BAR-FLY there are no chemicals to mix, no tanks to fill.

BAR-FLY is available in supplements, minerals or salt...or as concentrate for bulk mixing with other feedstuffs. Stop using that greasy kid stuff. Ask your feed dealer for BAR-FLY...the practical way to control fly problems!

BUY FEED, SALT, MINERALS CONTAINING BAR-FLY

The Feed Ingredient that Controls Flies

Interstate Chemical Company • 609 Livestock Exchange Building • Kansas City, Mo. 64102
COMPLETE DISPERSION

155 Head of Registered Angus

ALSO SEVERAL REGISTERED QUARTER HORSES

SATURDAY
May 15, 1 p.m.

There are 155 Head of Angus Selling in 115 Separate Lots:

- 5 HERD SIRES
- 8 YEARLING BULLS
- 40 COWS WITH CALVES & REBRED
- 56 BRED FEMALES
- 6 OPEN HEIFERS

All the cattle offered for sale are in excellent condition. While they have been supplemented with fortified blackstrap molasses, they have also had access to excellent pasture and are essentially in pasture condition. W. H. Lester accumulated this herd only within past two years, but has decided to disperse them because of personal reasons. All cattle sell with registration papers, and health certificates certifying them free of Brucellosis and T. B.

featuring THE TOPS IN ANGUS PEDIGREES
featuring THE BREEDING OF THESE HERD SIRES

WCF CLAYTON GEORDUS 3122
OB 23 SCHEARBOOK 1212
ERIE PLANTER 522
PERTHONIAN C. F.
ERIEMERE 11

... They also are selling!

Auctioneer: Col. Robert D. Cooper, Sarasota

SALE WILL BE HELD AT

LESTER RANCH, ELLENTON, FLORIDA

Ranch is located on Highway 683
2-1/2 miles north of Ellenton.

Ellenton is on U. S. 301
6 miles northeast of Bradenton.

For Catalog, Write: Lester Sale, Box 1030, Kissimmee, Fla.
FCA Okays Proposed Legislation

State ag budget support urged

THE UNIVERSITY of Florida agriculture budget request and proposed legislation were two of the chief topics of discussion by FCA directors during their meeting in Kissimmee on March 31.

It was pointed out that the proposed agricultural budget, which is being actively backed by the Florida Agricultural Council, contained a $26 percent increase in order to provide adequate funds for the vital needs of research and education, including facilities.

Louis Gilbreath of St. Augustine reported that despite a concerted action by agricultural representatives (including a meeting with the Governor), the budget was being cut back to a 5.8 percent increase which falls far short of underwriting anticipated needs.

He reported that the Ag Council is now busy working to obtain a compromise of an 18 percent increase and urged the support of cattlemen in this effort.

"We will not receive needed benefits from state funds unless members of our industry can create a desire in the legislature to adjust this budget to obtain a just and fair distribution of funds for agriculture," Gilbreath said.

President W. D. Roberts told directors that he had wired the members of the Senate and House appropriation committees urging favorable consideration of the Ag Council recommendations and had sent a letter to each county association urging action on a local level.

Dr. T. P. Chaires of Bradenton, chairman of FCA's legislative committee, read a proposed law for labeling of beef (see box on this page), which was approved by the directors for introduction in this session of the legislature.

Chaires also reported that he didn't see any need for introduction of a new trespass law since the one we now have is adequate if properly enforced. (Appropriate excerpts of the present trespass and fencing laws are shown on page 26 of this issue).

Nat Hunter of Fort Myers, chairman of FCA's brands and theft committee, announced that steps were being taken to present a proposed amendment to the existing brands and theft law so that it would serve the cattle industry better in reducing cattle thefts.

He said the proposed amendment would include: 1) Some method for confirmation and registration of existing brands at present time and to be repeated periodically; 2) Provisions for identification of all vehicles used to transport cattle; 3) Establishment of a proof of ownership form; 4) Permission for inspection of vehicles that are used to transport live animals or carcasses; 5) Penalties for violation of any part of the law.

Directors authorized Hunter to get the bill finalized and then present it to President Roberts for proper presentation to the legislature.

In other action, directors:
1) Voted to support the position of Florida Citrus Mutual and other allied state groups on the off-shore labor problem;
2) Heard that plans are being readied for the Mid-Year Conference in Naples.

Beef Labeling Law Proposed

FCA DIRECTORS endorsed a proposed law for the labeling of beef at their meeting in Kissimmee on March 31.

The proposed law is as follows:

"WHEREAS, the inspection and grading services provided by the governments of the United States and the State of Florida operate at a high level of efficiency, and

"WHEREAS, these said inspection services have operated in this country and state for many years, and

"WHEREAS, the consumers of the state of Florida have, through many years of personal experience, grown to rely upon the protection offered by these services and have developed great confidence in the quality and wholesomeness of beef products which have been inspected and graded by state and federal inspectors, and

"WHEREAS, these inspection programs have been widely acclaimed and publicized, many consumers in Florida assume that all beef offered for sale in the restaurants, retail and wholesale markets of this state have either been federally or state inspected and approved for sale, and

"WHEREAS, a heavy volume of beef is now being distributed, sold, and consumed in the State of Florida which has neither been slaughtered nor inspected according to standards established by the United States Government or the State of Florida, and such beef is a potential health menace which may cause the spread of disease to humans and animals through the sale and consumption of such beef, and

"WHEREAS, the consumers of this state assuming that all beef offered for sale to them by the restaurants, and wholesale and retail markets of this state are being inspected and graded, are misled by the sale of beef which has not been subjected to the high slaughtering and inspection standards established by and required by the governments of Florida and the United States, NOW THEREFORE,

"BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF FLORIDA:

"Section 1. Every person, firm or corporation operating a restaurant or any other eating place, or retail or wholesale market or packing house, in this state, and who sells meat that has not been slaughtered and inspected according to standards established by either the government of the State of Florida or of the United States, shall mark, stamp, or describe the same by the following words, "Slaughtered in," followed by the name of the state or country and the words "Has not been slaughtered according to Federal or State standards."

"Section 2. Packing houses and wholesale and retail meat markets before sale of beef which is within the purview of Section 1, shall plainly stamp on each carcass, each carton, each can and each container, the words prescribed in Section 1, and all advertising as to the sale of such beef shall include such words; provided, however, that a conspicuous sign containing the words prescribed in Section 1, visibly displayed near the display of such beef in retail markets may be used when the stamping of individual cuts of beef is impractical.

"It shall be the duty of the Commissioner of Agriculture through his agents or inspectors to enforce the provisions of this section.

"It shall be the duty of the State Hotel Commission through its agents or inspectors to enforce the provisions of this section.

"Section 4. Any person violating any of the provisions of this act or any person who fails to comply with any of the requirements hereof shall be deemed guilty of a misdemeanor and upon conviction shall pay a fine not exceeding five hundred dollars or be imprisoned in the county jail not exceeding six months and each day during which such a violation shall continue, shall be deemed a separate violation and a separate offense.

"Section 5. Nothing herein shall be construed to prohibit the use of additional words in describing the grade, quality or kind of such beef.

"Section 6. If any court of competent jurisdiction should declare any part of this act invalid or unconstitutional, it shall not affect such other part, and the same shall remain in full force and effect.

"Section 7. All laws or parts of laws in conflict herewith are hereby repealed..."
Research reports $240.36 greater net return from $98.88 worth of blackstrap molasses as supplement to steers on grass.

Mr. Cattleman — You, too, can increase your steer grass fattening potential with . . .

USSC’s Heavy or Fortified Blackstrap Molasses

Everglades Experiment Station mimeo report EES65-16 of February 1965, reporting on the above research project, indicates the following results when 12 steers were fed four pounds per day of USSC’s HEAVY BLACKSTRAP MOlasses for 206 days, as supplement to St. Augustine grass with high protein content, when compared with 12 comparable steers on similar pasture conditions without supplement:

1) Increased average daily gain of 0.35 lbs.
2) Higher dressing percentage of 56.55% versus 52.68%.
4) When sold on a grade and yield basis the average carcass selling price was $163.06 compared to $135.47 for the control group, a difference of $27.59 or $19.35 greater net return per steer after deducting $8.24 as the actual delivered cost of the molasses.
5) The average calculated equivalent net liveweight selling price of the steers was $18.41 for the group receiving molasses compared with $16.53 for the control group, a difference of $1.88 cwt. **OBVIOUSLY THE HIGHER DRESSING PERCENTAGE AND HIGHER GRADES HAD GREATER INFLUENCE ON THE NET RETURNS THAN DID THE INCREASED DAILY GAINS.**

IN THE SAME EXPERIMENT IT DEVELOPED THAT STEERS STOCKED AT THE RATE OF 3 PER ACRE, RECEIVING 4 LBS. OF HEAVY MOlasses, PRODUCED $10.85 GREATER RETURN ABOVE FEED COSTS PER STEER WHEN COMPARED WITH A CONTROL LOT STOCKED AT THE RATE OF ONLY TWO STEERS PER ACRE WITHOUT SUPPLEMENT.

USSC’s HIGH-PROTEIN HEAVY BLACKSTRAP MOlasses or USSC’s PHENOTHIAZINE IN MINERAL-VITAMIN A-BLACKSTRAP MIX NO. 3-A are recommended as a supplement to pasture grasses having a high level of protein, 12 to 16% on a dry basis. When pasture grasses have a low level of protein we recommend either USSC’s PHENOTHIAZINE IN UREA-MINERAL-VITAMIN A-BLACKSTRAP-MIX NO. 2-A or USSC’s UREA-MINERAL-VITAMIN A-BLACKSTRAP MIX NO. 5-A. Note Mix No. 5-A is the same as Mix No. 2-A with the exception that it does not contain phenothiazine.

If you are interested in more detailed particulars on the above research, or regarding molasses feeding on pasture, please write us or otherwise contact members of our sales department.

United States Sugar Corporation

CLEWISTON

Telephone YUkon 2-1501

FLORIDA
State Trespass Laws Appear Adequate

FCA's directors decided not to push for any changes in the state’s trespass laws, when the Legislative Committee—headed by Dr. T. P. Chaires, Jr., of Bradenton—told them the present laws control trespass problems.

But just what are the laws?

For the benefit of cattlemen throughout the state who may be having trouble with trespassers, The Cattlem an reproduces the appropriate laws below (portions have been omitted in unusual cases where not applicable):

For example, Paragraph 821-041 of Florida's laws has direct bearing on trespass on pasture land. It reads as follows:

821.041 Unauthorized entry on land; prima facie evidence of trespass.

(1) Unauthorized entry by any person into or upon any legally enclosed and legally posted land shall prima facie evidence an intention of such person to commit an act of trespass and of intent to commit or cause or procure the commission of any other illegal act pertaining to such land, the improvement thereon or to the possession and use thereof, by the owner, lessee, or occupant of such land, or by or on behalf of any person or persons of taking, transgressing, operating or driving, or the act of permitting or consenting to the act of permitting or assisting in the act of trespass by the authorized agent of the owner, lessee, or occupant of such land, or by or on behalf of any person or persons of taking, transgressing, operating or driving, or the act of permitting or consenting to the act of permitting or assisting in the act of trespass by the authorized agent of the owner, lessee, or occupant of such land, or by or on behalf of any person or persons.

(2) The act of entry upon legally enclosed and legally posted land without permission of the owner of said land by any workman, servant, employee or agent while actually engaged in the performance of his work or his duties incident to such employment and while under the supervision, direction or through procurement of any other person acting as supervisor, foreman, employer, principal or in any other capacity, shall be prima facie evidence of the causing and of the procurement of such act by such supervisor, foreman, employer, principal or other person, and shall further be prima facie evidence of intent of such supervisor, foreman, employer, principal or other person, to cause or procure the commission of any other act pertaining to such land, the improvement thereon, or to the possession and use thereof, by the owner, lessee, or occupant of such land, or by or on behalf of any person or persons.

(3) As used herein, the term "owner of said land" shall include the beneficial owner, lessee, or occupant of said land, or any person having any interest in said land under and by virtue of which person is entitled to possession and use thereof, to cause or procure an act of trespass and any other illegal act pertaining to such land, the improvement thereon, and the property and growth thereon, in the accomplishment of which act the owner, lessee, or occupant thereof, shall be prima facie evidence of the intent of such owner of such machine, tool, vehicle or animal or any other person or persons of taking, transgressing, operating or driving, or the act of permitting or consenting to the act of permitting or assisting in the act of trespass by the authorized agent of the owner, lessee, or occupant of such land, or by or on behalf of any person or persons of taking, transgressing, operating or driving, or the act of permitting or consenting to the act of permitting or assisting in the act of trespass by the authorized agent of the owner, lessee, or occupant of such land, or by or on behalf of any person or persons.

(4) As used herein, the term "owner of said land" shall include the beneficial owner, lessee, or occupant of said land, or any person having any interest in said land under and by virtue of which person is entitled to possession and use thereof, to cause or procure an act of trespass and any other illegal act pertaining to such land, the improvement thereon, and the property and growth thereon, in the accomplishment of which act the owner, lessee, or occupant thereof, shall be prima facie evidence of the intent of such owner of such machine, tool, vehicle or animal or any other person or persons of taking, transgressing, operating or driving, or the act of permitting or consenting to the act of permitting or assisting in the act of trespass by the authorized agent of the owner, lessee, or occupant of such land, or by or on behalf of any person or persons of taking, transgressing, operating or driving, or the act of permitting or consenting to the act of permitting or assisting in the act of trespass by the authorized agent of the owner, lessee, or occupant of such land, or by or on behalf of any person or persons.

Be it noted that this section specifies land that is "legally enclosed and legally posted." What constitutes legal posting?

There seem to be two provisions for this. In section 281.06, there is a reference to posting in "three conspicuous places," but in Section 588.10 the requirements are a bit more stringent:

588.10 Posted notices; requirement. — Posted notices to the public as required by Sections 588.011 and 588.08 shall be posted prominently, in letters of not less than two inches in height, the word "POSTED" appearing in capital letters, and in not less than two inches the words "TRESPASS AND INJURY TO PROPERTY AND PERSONAL INJURY TO THE OWNER AND LESSEE.

(1) The notice shall be so posted as to be visible from the inside of the enclosure, and said notice shall be placed not farther than five hundred feet apart along at and along each corner, of the boundaries of the land, and also at each gateway or opening of the fence, unless the owner, lessee or occupant shall be placed along all boundaries formed by the waters mentioned herein on fences or posts close to the banks of said water in position so as they may be noticeable to persons approaching the waters, and with such other posted notices as the owner, lessee or occupant shall see fit.

10) Heard that Flagler County cattle men had increased their cattle theft reward to $3000 and also have 100 percent of the women of the county in their membership;

11) Voted to write Senators Holland and Smathers regarding their positions on Bill No. 218 which, it was reported, would increase farm power rates.

State 10th in Timber

Of all the states, only nine can boast a larger forest acreage than Florida. Forests occupy 21,015,800 Florida acres—60.5 percent of the total land area of the state. More than three out of every five acres are classified as forest land.
SHADOWS AND TRUMPETS

This, our first advertisement, was published in 1936. With Divine guidance, and continued research in Colleges of Agriculture, we have had reasonable success in our 29 years of operation. Why do we enjoy working with agricultural students and young colts? Because, "Nothing keeps you young like the young!"

SHADOWS AND TRUMPETS

"A business is but the lengthened shadow of the man directing it."

That being true, you will form an opinion of us in the manner in which we manufacture SUNI-CITRUS PULP—its quality, the service we give you.

Also you will judge us by the manner in which we solicit your business.

The flare of trumpets is the signal for the beginning of the opening parade at every circus performance. Some companies open with this type of sensational advertising. There hasn't been any blowing of trumpets about our company and about what we are going to do. There won't be.

We will tell you facts about SUNI-CITRUS PULP. We are trying to manufacture it so that it will be the best citrus feed.

During the coming season, we ask your cooperation in helping the Florida Citrus Feed Industry develop in a sound, fundamental, businesslike manner.

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HAINES CITY, FLORIDA

Makers of THEY MOO FOR MORE® Suni-Citrus Pulp

Suni-Citrus Products Co.
Haines City, Florida

Please contact our Sales Agents:
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208 William-OLiver Building
Atlanta, Georgia 30303
525-4578

Our family has been growing citrus in Florida continuously since 1908
TIMBER And Cattle Can Mean Profit

Good and marginal land can be used

PRODUCING TIMBER and raising cattle can prove to be a profitable venture for Florida ranchers on a combination basis through utilization of both good pasture land and marginal areas not considered suitable for improved pastures.

For this seventh annual Forestry Issue, staff members of THE CATTLEMAN visited three Florida ranches presently operating or previously operating combined timber-cattle programs of varying sizes to get a first-hand version of how such a two-fold enterprise functions, along with reasons for undertaking such a project and what the future might have in store.

It was found that the three owners may have a somewhat different system of planting trees with some planting on good pasture land, and some using only marginal land. However, the goal appears to be similar—cash profit on both timber crops and calf crops, with one offsetting the other depending on the particular market period.

Also, tree areas are planted to grasses which afford a grazing place for cattle and offer certain protection from the elements. Thus, the raising of timber and livestock is accomplished together with a comparatively small investment initially, but bringing a more solid rate of income from season to season.

A few of the ideas and the programs of R. E. Maxwell of Lake County, Walter Buchanan of Branford, and Caruso Ranch, Oneco, are presented here.

R. E. Maxwell...

Many years in the cattle business with some timber cutting of native trees gave R. E. Maxwell of Umatilla the idea that regular plantings of slash pines on both good and marginal land would serve a better purpose in the long run.

The elder Maxwell and son, Robert, have some 2000 acres used for farming-ranching purposes. With a view to diversification and eventual profit, the idea of planting slash pines was formulated with first plantings accomplished some three to four years ago.

The main area selected was what the Maxwells consider good pasture land. They felt that to accomplish their purpose for good tree growth and good grazing areas for cattle, the combination program would work to best advantage for them on the good land. Approximately 80,000 trees were planted in an area which had been well fertilized and planted to a variety of grasses through the years, thus affording the cattle consistently good forage and climate protection.

Total tree plantings number 90,000 set on both the good and sandy soils. It was evident that the plantings on the best land produce the better trees, and both Maxwells agree the previous usage of the land for pasture and agricultural ventures resulted in more healthy conditions for their timber program.

Their cattle operation consists of 250 brood cows using Angus bulls. The females are bred-up native Florida stock now producing sturdy calves which are usually sold at weights from 350 to 400 pounds, going to auction markets and bought direct by buyers at the ranch. The cattle have free access to grazing in the timber areas throughout the year, and with the healthy stands of Pensacola Bahia, White Dutch Clover, Bermuda and Lespedeza, a minimum of mineral supplement is offered and only when conditions so prescribe.

Under the timber program, much of

RECENTLY DISCED land in timber area at the Walter Buchanan farm near Branford will be planted to Argentine Bahia to allow cattle access to forage along with providing them protection from the elements.
the older native stock is cut for poles and a good deal of the volunteer pines used for pulp. The newer plantings are also thinned, culled, and sold for pulpwod. The father-son firm sell to such companies as Hudson Pulp, Container Corporation of America and several mills in the northeastern part of the state. They have a contract in effect, and usually sell on a basis of what they have to offer at the time.

A feature of the operation is the controlled burning practices utilized by the Maxwells. Presently, this is done in the older areas, but of course, will be observed when needed in all the timber growing sections eventually. Buchanan pointed out the importance of proper protection so as not to destroy any part of the tree. Experience has proven that the best time to institute burning is immediately following a good rainfall, and the Maxwells follow this to the letter along with confining the burns to small areas as a preventive measure against sudden wind changes.

Root protection is another important item under their program, and the Maxwells stated that going among the newer trees with discing equipment can prove to be damaging. Tree roots are very close to the surface and slight injury to the roots can result in tree loss and substantial income loss in the long run.

Investment returns for the Maxwells' tree operation are based on regular cuttings of culls and the long-range potential for top markets for their best timber. In the overall picture, they feel a return of $1.25 per tree would bring the profit needed on the 10-25 year program underway. This, coupled with the cow-calf operation, gives them a more sound setup, with one complementing the other on an annual turnover.

The elder Maxwell, nearing 80 years, is still active in the operation with son Robert, and he stated, “Regardless of size, unless you can regularly fertilize all pastures, it's best to grow timber.”

Robert Maxwell added that they work closely with the Florida Forest Service representative in their timber enterprises, and along with looking for the proper financial return on their investment, they are also concerned and deeply interested in the protection and propagation of land and wildlife. He feels the timber-cattle program is important to a sound operation and aids greatly in establishing the best conservation practices.

Walter Buchanan...

Native Lafayette Countian Walter Buchanan operates a fully diversified program at his farm close by the Suwannee River near Branford, and since 1941 has added timber growing as another specialty.

Of the 720 acres he has, Buchanan figures about half to be in timber, both old and new. Much is original and volunteer pine, along with some stands of cypress. But looking to the future and the sound investment possibilities, he planted 85 acres to slash pine in the fall and winter of 1960-61, and is setting his goal at approximately 15 years for maturity and cutting. In the meantime, though, Buchanan will observe culling practices and receive some return financially in that way.

In regard to land use for timber raising, Buchanan has used his marginal land for the purpose. As he does general farming along with livestock production to include growing tobacco and corn, Buchanan felt it would be more advantageous to continue working his better land for crops. However, he has planted Argentine Bahia in the slash pine timber areas, and his cattle have access to this type of forage. He also has Pensacola Bahia planted in the open pastures.

Buchanan maintains 100 brood cows in his cow-calf operation using registered Hereford and Angus bulls on the Brahman females. Although he considers his cattle operation a relatively small one, he regularly gets good calf crops which are subsequently sold at the auction markets. Among his other livestock ventures, Buchanan raises Hampshire hogs, along with raising Quarter Horses mostly for use on the farm.

Although he has had timber cut regularly for many years from the original and volunteer stands and sold for pulp, Buchanan feels that with his most recent plantings and those planned for the future, he is gradually getting into the tree program on a more balanced scale. He has planted the 85 acres with 750 trees to the acre and anticipates a return of anywhere from $1.00 to $1.50 per tree to reach a substantial profit under his current program of 15 years. Buchanan believes he has had his best success thus far with seedlings purchased from reputable nurseries as they have had the proper original care prior to actual planting on the farm. He doesn’t sell his timber direct to mills, but prefers to utilize the services of a local timber broker, who cuts according to needs and price ranges.

A strong believer in diversification for the farmer and rancher, Buchanan said, “I can't see how anyone in the cattle business can rely on it only, and timber is the answer to supplement the lean periods encountered in the cattle market.”

He stated he has worked closely with the Florida Forestry Service and has always received valuable advice. Along with his cattle-timber and general farming enterprises, Buchanan still finds time to serve on the Lafayette Soil Conservation District Board of Supervisors. He has been a member since 1948 and is present treasurer of the group.

Caruso Ranch...

According to W. H. “Red” Kilcrease, manager of the 5200 acre Caruso Ranch, the greatest single advantage timber affords the cattleman is its cold weather protection feature for his cows.

Kilcrease feels that conclusive enough proof of this was offered in 1951, when so many thousands of head of cattle died during the freeze. Neighbors on all sides lost large numbers of their cattle—one man even lost his entire herd down to the last cow—but not one single head perished in the Caruso operation. The reason for this was that as the cold front came in the cattle simply moved across the pastures with it into the shelf.
PINE TREE

PROFITS?

Yes!

A carefully planned timber program can mean more income for you and a better rounded farm or ranch program. If you have some marginal land not suited for pasture, why not check into the possibilities?

The following concerns offer services and information as to how you might get more from your present timber, or how to use marginal land for planting trees.

ALICO LAND DEVELOPMENT CO.
Growers of Cattle, Timber and Citrus
Box 338
LaBelle, Florida

CHASE & COMPANY
Fertilizers, Chemicals and Garden Supplies
Phone 322-4555
Sanford, Florida

BUNNELL TIMBER CO.
Dealers of Pulpwood and Sawlogs
Phone 437-3322
Bunnell, Florida

GULF NAVAL STORES CO.
Naval Stores
P. O. Box 267
Nocatee, Florida

DIVERSIFICATION was what the Maxwells of Lake County had in mind when these pines were planted several years ago in an area where plenty of good grass exists for grazing cattle the year-round.

The absence of wind alone," said Kilcrease, "caused the temperature to be as much as 15 degrees higher in some areas inside the timber."

One thing he does point out, however, is that the timber stands were all on the south side of the pastures. Since the wind was coming from a northerly direction there was no fence crowding going on, and no bunching of animals in unprotected open areas.

The Caruso Ranch is located in Manatee County, some four miles east of Oneco. It has enjoyed a successful timber operation for several years under the direction of Kilcrease. The last planting of slash pine was in 1953. At that time the actual cost of planting, which was done on contract, was $2.00 per acre for discing plus one cent a tree for setting. The cost of trees per thousand ran in the neighborhood of $2.50-$2.75, as opposed to today's cost of $4.00. The figure for discing has risen to approximately $5.00.

Of the 5200 total acres on the ranch, 3400 acres are in native timber (longleaf yellow pine), 600 in slash pine, and 1200 acres are in cleared land for pasture.

The strongest phase in the Caruso operation is controlled burning. According to Kilcrease, this very tricky procedure may be done only when conditions are absolutely perfect. It requires a steady wind of not too much velocity. With the steady wind it is possible to keep the fire burning at a constant height, thereby creating a "cooler" blaze. This prevents scorching or actual burning of the needles. Kilcrease says controlled burning is vital to any timber operation, and the proper practices must be observed in order to avoid unnecessary tree losses.

Although the Caruso Ranch setup is currently more directed to timber growing than to cattle production, some small herds still utilize the timber areas for grazing. With no definite plans for expansion of the cattle aspect right now, the possibility still exists for a buildup of that phase sometime in the future.

Kilcrease agrees a combination program has many advantages.
Aiming High!

Florida's forest industry is growing by leaps and bounds.

Only tourism is bigger.

Income from forest products is a billion dollars each year.

Multiple use is a big part of our industry. While we grow trees you gain too.

Better forests provide outdoor recreation—better hunting, fishing, camping, picnicking.

Buckeye is proud to be an integral part of this growing industry.

BUCKEYE CELLULOSE CORPORATION
Foley, Florida

Producers of Dissolving Wood Pulp and Bleached Kraft

Buckeye
first in cellulose
Foresters Work to Improve Quality of Florida Trees

Through Genetic Research

by C. H. COULTER
State Forester

As cattlemen are constantly improving the quality of their herds, so foresters are now improving the quality of their trees. However, since it requires 12 to 15 years to produce merchantable trees, breeding of a "tree crop" is a more extended program.

With Florida's forest areas steadily increasing while the demand for wood rapidly increases, the supply available in future years will depend not only upon the number of seedlings planted, but also upon the quality. Efforts to develop stronger, straighter, faster-growing trees have been focused on genetic research as one of the most fascinating facets of reforestation efforts.

In 1959, the Florida Forest Service began a Tree Improvement Program. Cuttings were taken from promising tree specimens growing in scattered areas of the state. These cuttings have been grafted to seedling root stock and planted in five orchards, each representative of a geographic area of the state. The two orchards at the Blackwater River State Forest in Santa Rosa County represent west and northwest Florida, while the three orchards at the Withlacoochee State Forest in Hernando County represent north central, south central, and south Florida.

What are the characteristics of a promising tree? Well, just as the rancher looks for a good straight back on his animal, we foresters look for a good straight tree—one that can be used for poles and sawtimber as well as pulpwod.

Size is important too. We look for a tree which grows rapidly and builds good diameters while attaining superior height.

We also prefer one which shows good natural pruning. Horizontal branching is important also. If tree branches tend to grow upward too sharply, compression wood (knots) are more pronounced, lowering the quality of the wood. And naturally, we like to produce trees that are resistant to disease.

Though the forester has to wait many years to breed a tree, the process fortunately can be hurried somewhat with the taking of cuttings. For instance, a pine tree doesn't usually produce flowers until it's about 10-15 years old. However, a cutting taken from a sexually mature tree will produce flowers in about six years—some have been known to do it in two!

Presently, we have some cuttings in our orchards which are five years old. Some have flowers now and we expect to begin producing a worthwhile crop of seed cones in another year or two.

These flowers will be fertilized with pollen from other promising trees, and the seeds and seedlings produced from this union will be called "improved.

The State Forestry Commission of Georgia began to market improved seedlings this past winter, though the cost was $10 per thousand as opposed to $4 for the regular variety (also our price here in Florida). Georgia was the first state to offer improved seedlings for sale, and we hope to be the second.

The Florida Forest Service began its "herd" with some 350 promising pine trees. We use the term "promising" because until progeny tests are run, we cannot be sure if these trees possess their desirable characteristics because of heredity or because of environment. If the traits are found to be truly inherited and the trees are able to transmit them to their offspring, they will be designated as "superior" trees.

How the flowers of the promising tree graftings are budded in the orchard goes something like this:

First, promising trees are selected from many areas of the state. Then, during January through March, cuttings are taken from these trees, using a rifle with hollow point bullets and a telescopic sight. The cuttings are taken to Florida Forest Service nurseries where they are cleft-grafted to carefully chosen year-old pine seedlings. They are now termed "graffiti." When the graftings are hardy enough, they are removed from their nursery beds and planted in the orchards where they will grow and produce "improved" seeds. We call these seeds improved, not superior, because they are still not progeny tested.

To obtain this improved seed, female flowers on the graftings, when they appear—usually after five or six years in the orchard—will be covered with a plastic bag to keep out foreign particles and unwanted male pollen. Then the forester will "artificially inseminate" the flower by piercing the bag with a hypodermic needle and injecting pollen from male flowers in the same orchard. This pollen can also be from the same tree. As soon as the pollen "takes," the bag will be removed.

The fertilized flower will produce seed. This new seed—of known parentage—will then be used for progeny-testing plots and checked against control groups of ordinary seed plots.

CLEFT-GRAFTING a cutting from a promising pine to young root stock at the nursery. When the grafting begins to flourish, it will be moved to one of the tree improvement orchards.

STURDY GRAFTING shown here is about a year old. It is at about the right stage to move to a tree improvement orchard.

The process is tedious and slow, but we believe our efforts will pay off rightly for future generations of Floridians since.

Next to income from tourism, the manufacture and sale of forestry products in the state accounts for more dollars than any other industry.

Already, 330 acres of graftings are doing nicely in the orchards, and losses due to weather and incompatibility factors are relatively few. Eventually, we hope to have 900 acres of orchards furnishing superior seed for the Florida Forest Service's three large nurseries at Munson, Chiefland, and Punta Gorda.

Tree species selected for genetic improvement include North Florida slash, South Florida slash, sand pine, and longleaf—some for quality wood growth, some for high gum yield. Extreme care is taken with each species to see the strains are kept pure. For example, if longleaf is planted in an orchard, all the longleaf in a 400-foot-wide belt around that particular orchard is cut down so that pollen from those trees cannot contaminate the orchard and mongrelize our seed sources. However,
Pine trees, to be exact.

Each year, more cattlemen are finding out that Container Corporation not only pays the top dollar for good pine timber, but provides intelligent, thorough service to land owners who want to know more about putting their idle land to profitable use.

Why not you?

It’s mighty reassuring to have a second business—for extra income, as a hedge against a bad year. You’ll find it calls for little additional investment and even less work. (After all, you don’t have to ride herd on a stand of timber.) In fact, even your cattle may thank you for this extra shelter from sun and storm.

Want to know more? Get in touch with the CCA field representative in your area:

CRAIG BELL, Kissimmee, Florida. Phone: 847-2503
RUSSELL J. HINKLE, Morriston, Florida. Phone: 528-6171
TYLER JONES, Starke, Florida. Phone: 969-2221

Or call us direct at Fernandina Beach 261-5551, P. R. Entzminger or H. J. Bailey.

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Cattle Valley Farms
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RESEARCH FORESTER is “artificially
inseminating” a grafting of promising
pine tree stock. The hypodermic needle
contains male pollen, also from a selected
flower. Plastic bag is to keep out foreign
matter and unwanted pollen which would
hinder the operation.

since unlike species do not interbreed
(such as slash with sand pine, or long-
leaf with loblolly) as they may be planted
nearby each other. Clones – groups of
graftings taken from the same parent
which are randomized throughout the
orchard.

The graftings are carefully tagged and
planted. Grafts made from cuttings of
Marion County sand pine are planted in
the orchard representing Central Florida.
Eglin Field sand pine graftings are
planted in the “West Florida” orchard.
And so it goes.

Under the supervision of State Re-
forestation Director Aaron Jordan, the
Tree Improvement Program was launch-
ed in April 1959. A few months later,
Holland-born, Harm Kok was assigned
to direct the mechanics of the program.
The 41-year old agronomist had man-
aged coffee, tea, and rubber plantations
in the Dutch colonies and possessed a
reputation for attention to detail.

These men have teamed well together.
Their task has been, and still is, a diffi-
cult one. Their first major project
— finding promising tree stock — was as
difficult as finding the proverbial needle
in the haystack. And they’re still look-
ing. So, if you see an outstanding pine,
one that doesn’t appear to be
advantageous of its cousins because of its
environment, let them know about it.
Just drop them a line in care of the
Florida Forest Service, at their Talia-
hassee headquarters.

As in all research, processes are not
always sure-fire and this program still
faces numerous problems. But the re-

CONSUMERS ARE
showing a tendency to
substitute beef for less expensive meat,
according to the Florida Department of Ag-

culture. This and other conditions
indicate a favorable outlook for Florida
beef producers.
We believe that cattle and timber can be managed to the mutual benefit of the cattleman and industry. Hudson uses both Pine and Hardwoods at its Paper Mill near Palatka, Fla.
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NEW HOMELITE XL-AUTOMATIC CHAIN SAW
Meet the best friend estate and land owners ever had! With the new, high-speed, lightweight XL-Automatic, you can quickly clear brush and dead, diseased or unwanted trees. Ideal for pruning, trimming, cutting firewood. Flush-cut handle lets you cut level with the ground. Automatic chain oiler completely eliminates manual chain oiling. Weights only 14 pounds, less bar and chain. Available in straight bars from 12” to 36”, plus plunge-cut bow, clearing and utility bars. See us today for a free demonstration.

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UNCONTROLLED WILDFIRE can cause untold damage to timber, grasslands and soil. Many counties in the state have fire control units that assist the landowner with controlled burning and are alert to suppress wildfires that occur on lands within the county area.

**Florida Forest Service Attacks State Uncontrolled Fire Problem**

UNCONTROLLED FIRE—set maliciously or carelessly, escaping from adjoining lands onto your land, can do untold damage to pastures, ranch and farm buildings, and homes. The Florida Forest Service has a many-pronged attack to combat this problem:

- **Forest fire prevention**—A public, informed of the dangers of fire, is less likely to allow a fire to escape or to purposely set one. Information disseminated as a public service by newspapers, magazines, and radio and television stations is extremely effective. Materials are prepared by the National Advertising Council with the counsel of the National and Southern Forest Fire Prevention Committees. The materials are furnished to Florida news media via the Florida Forest Service.

Florida Forest Service county fire control unit personnel also visit schools and civic clubs with fire prevention messages. Forest Fire Prevention Committees have special projects to keep fire to a minimum. Law enforcement is used as a tool of fire prevention to assist the landowner in the apprehension of persons violating forest fire laws. Fire lines are plowed at a minimum hourly charge with the first 15 minutes complimentary.

- **Forest fire control**—Forest fire control units, on call 24 hours a day, with detection and suppression equipment are available in those counties that have entered into contract with the state for such services. 52 of Florida’s 67 counties are in this category. Dixie, Hendry, and Lafayette have group unit protection, leaving 12 entirely unprotected.

Fire control units assist the landowner with controlled burning and are available to suppress wildfires that occur on lands within the county. If your county does not have a county-wide forest fire control unit, a sound investment in fire prevention and control, contact the State Forest, in Tallahassee.

**Angus Auxiliary Offers Scholarships**

The AMERICAN Angus Women’s Auxiliary has announced it will again award two scholarships to winners in its annual contest. The awards of $500 and $300 respectively, are made to qualified 4-H club girls on the basis of their merit and need.

The scholarships are not limited to any course of higher education. Among the qualifications are the following: each state or regional auxiliary is entitled to one applicant; each applicant shall have shown an interest in Angus projects in 4-H work; the winner must be a graduating high school senior in need of financial help; the winner must be recommended by her county agent, 4-H adviser, or school principal or superintendent.

Applications must be received before June 25, 1965. Winners will be announced in August.

Girls interested in competing for the awards should write to the president of their state or regional Angus auxiliary. Scholarship activities in Florida are being coordinated by Mrs. D. L. Wells of Bushnell, president of the Florida Angus Auxiliary. Interested and eligible young ladies or supervisory persons should contact her for further information.

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Your herd sire will earn you more money than a truck or tractor; why not know as much about him?

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ANNVILLE, PA.

WOODBURY, GA.
FIREBREAK Is Versatile Necessity

Good forage can be beneficial

by CLIFFORD E. LEWIS
Southeastern Forest Experiment Station

THE FLOWED firebreak commonly used in Florida woodlands serves primarily as a barrier to fire. Open strips of improved pasture within woodlands accomplish this objective, but in addition they provide nutritious forage for cattle and wildlife, improve cattle distribution, encourage cattle use of native forage in adjacent timber stands, and serve as access roads.


Recent experiences with firebreaks on the Caloosa Experimental Range in Charlotte County, Florida, have shown recommendations in Bulletin No. 226 apply to southern Florida. This article reviews the guides for establishing and maintaining grazed firebreaks and presents our experiences on the Caloosa Range.

Establishment and Maintenance

Firebreaks should be located to take advantage of natural or artificial barriers such as streams or drainageways, ponds, and roads. Extremely low areas that are flooded for long periods of time should be avoided or else the strip should be graded-up and crowned to provide drainage. Firebreaks usually occupy about five to 10 percent of the grazable land, breaking the unit into blocks of 40 or more acres. Strips of uniform width about one chain (66 feet) wide, provide ample barrier to fire and room for moving of cattle and machinery.

Firebreak construction is similar to preparing land for improved pasture. Trees and stumps, which reduce forage production and interfere with equipment operation, should be removed. Seedbeds should be well prepared by discing to destroy native vegetation and harrowing or dragging to obtain an even surface. A bush-and-bog disc or drum-type chopper is useful equipment for destroying native plants. Chopping may be required in areas where shrubs are extremely rank before effective discing can be accomplished.

Forage species seeded to firebreaks should be suited to the particular site. Plants should be palatable to cattle and game, yet able to withstand trampling and close grazing. The best job of fire protection will be done by plants having a long growing season, cold resistance, and drought hardiness.

Pensacola Bahia (Paspalum notatum) appears well adapted to most Florida conditions. Grass-legume mixtures are well adapted to some conditions, while others may require seeding an annual cool-season grass to provide maximum grazing and fire protection. Rates of seeding and season of sowing will coincide with recommendations for pasture establishment, and can be easily gotten from County agents.

Firebreaks, to be highly productive, require management. A fertilizer program should be determined by soil tests to establish natural fertility levels, amount of forage yield desired, and whether grazing will be yearlong or seasonal.

However, firebreaks must be closely grazed if they are to check fires adequately. Clumps of most ungrazed grasses and weeds can be eliminated by mowing and competition from healthy forage grasses. Some plants, such as flatseeded—sometimes called nutgrass—require treatment with herbicides. Clean, well managed firebreaks provide greater forage yields and better fire protection.

Livestock obtain forage from both the firebreaks and the woods. On the Alapaha Experimental Range, Berrien County, Georgia, cattle given free access to 0.6 acre per cow of improved pasture, while grazing unburned woods range, spent about 62 percent of their grazing time on the improved pasture.

The wide variety of forbs, grasses and shrubs in the woods helps round out livestock preference for variety, but native plants are generally less palatable and contain less nutrients than improved and fertilized species; therefore, firebreaks usually provide most of the grazing.

Wildlife utilize firebreaks year-round. Tender, nutritious leaves, seed, and insects provide food for deer, turkeys, quail and rabbits. Cover and nesting areas are immediately available to game in the adjacent woodlands.

Caloosa Firebreaks

Ten acres of chain-wide firebreaks separating experimental plantings of slash pine were installed on the Caloosa Range during June 1958. The strips were disced, limed, fertilized and seeded to either Pensacola Bahia or big carpetgrass (Axonopus fuscatus).

A minimum maintenance program was designed to improve the density of seeded species, raise forage quality, and produce minimum forage yields. This maintenance program encouraged cattle, available from other studies only on a limited basis, to make good use of the firebreaks, thereby providing fire protection to young timber during the critical dry winter period.

The plan called for mowing and fertilizing at 300 pounds per acre with a 10-10-10 fertilizer in April and grazing during June, July, October and November. On occasion, the accumulation of ungrazed plants contributing to a fire hazard was removed by mowing.

The improved forage plants responded to this management by increasing coverage and crowding out most of the undesirably weedy plants. Annual yield of palatable cattle forage over a three-year period ranged from 3300 to 4400 pounds per acre (oven-dry weight) and use by cattle was from 55 to 86 percent of the amount available. Yields from Pensacola Bahia and carpetgrass firebreaks were similar, but Pensacola Bahia remained greener during cold weather than did carpetgrass. Potential fire protection was maintained.
excellent, since very low, partially green plants were present throughout the fire season.

Cattle grazing native grasses in the woods caused little damage to the young trees. Some lower limb breakage from rubbing was observed as the trees grew larger. Native grasses grazed most heavily were goobergrass (Amphicarpum muhlenbergianum), bluestems (Andropogon spp.), and panic grasses (Panicum spp.). Good use of these fairly abundant plants helped reduce fuel accumulation in the woods.

Two native legumes, senna or part-ridgepea (Cassia aspera) and crotalaria (Crotalaria sp.), invaded and increased on the firebreaks, and deer have been observed selecting these plants. Excellent crops of seed—potential quail food—are produced by both plants.

In summary, improved firebreaks supply large quantities of nutritious forage, help spread cattle over the entire range, encourage better utilization of native forage in adjacent timber stands, provide an excellent barrier to fire, and aid in transportation of equipment and movement of livestock. These assets add up to better management of both forage and timber resources.

**Beef Council**

**Finances Told**

BEEF COUNCIL financial figures for the period March 15 to April 15 reflected collections of $2374.61 and expenses of $1756. Ending bank balance was $4356.78. The period was opened with a bank balance of $3738.17.

Expenses during the month reported were as follows:

FCA Allowance $1236, Cody Publications, special printing $60, Benito Advertising, March billing $460.

Receipts for the same period were as follows:

Gainesville L/S Market $211.10, West Florida L/S Market $50.40, Okeechobee L/S Market $41.00, Glades L/S Market $20.00, Lykes Brothers, Inc., $118, W. D. Roberts (napkins) $50, Coker & Son (contributions & napkins) $52.80, U.S. Sugar Corporation $33, Tindel L/S Market $245.81.

Latt Maxey Corporation $7.80, Mid-Florida L/S Market $22.10, Cattlemen’s L/S Market, Lakeland $42.20, Interstate L/S Market $242.70, Boyd Dairy, Inc. $5.80, Airport L/S Corporation $4.40, Ralph W. Cello, Jr. (napkins) $10, Turkey Lake Ranch (napkins) $10, Raymond F. Tucker (napkins) $10, Sawyer Ranch (napkins) $10, Jack Collier $5.50, John W. Collette $1.20.


**900 Plants Use Wood**

NINE Pulp mills, 147 sawmills, 16 treating plants, 26 veneer and crate plants, and 16 miscellaneous plants handle primary manufacturing in Florida. Some 600 other plants are engaged in the manufacture of secondary products such as cardboard boxes, prefabricated products, paper bags, crates, and furniture.

Dickson Davies, Tampa
Rickey Mott, Tampa
David Casey, Tampa
Sheila Todd, Lutz
Stephen Nalls, Lutz
David Wilson, Lutz
Linda Thomas, Riverview
Johnny Law, Largo
Ronnie Hines, Largo
Largo FFA, Largo
Bob Chadwell, Zephyrhills
Willis Wykoff, Lutz
Ray Wimberly, Plant City
Jerome Feaster, Mic-anopy
Verna Lou May, Brooksville
Jack O’Hara, Brooksville
Roy O’Hara, Brooksville
Chip Allen, Umatilla
Monty Smith, Kathleen
Rickey Williams, Kathleen
Kenneth Storey, Groveland
Jimmy Lee, Groveland
Roy Osteen, Groveland
Groveland FFA, Groveland
Turkey Creek FFA, Dover
Joy Carter, Palmetto
Gay Carter, Palmetto
John Casey, Tampa

It pays to keep your eyes on . . .

**Dundee Ranch**

Lake Fern Rd. • Lutz, Florida • Ph. Tampa, 949-1721
Ralph J. and Gwen Cordiner, Owners • Chas. Moore, Mgr.
Eucalyptus Is Good Ranch Tree For South Florida

Just as imported pasture grasses such as Pangola and Argentine Bahia have aided the cattleman, perhaps now exotic trees can also be an asset to good ranching.

Elbert Schory, tropical research forester with the Florida Forest Service, states that Austrian pine and eucalyptus will provide excellent windbreak and shade for cattle. The eucalyptus, which is also from the "down under" continent, is the ideal ranch tree for south Florida, according to Schory.

Fast height and diameter growth make eucalyptus potentially one of the most desirable forest trees in south Florida. On a recent visit to the Florida Forests Foundation research station in Fort Myers, visitors were shown eucalyptus trees more than seven feet tall after 145 days from planting. In other field plantings, trees were more than 16 feet tall after a year and a half. The Foundation, operating solely on private funds, has furnished remarkable data in planting, survival, and growth studies.

Eucalyptus is a hardwood and can be used for all the purposes that other hardwoods are used for: lumber, poles, pilings, fence posts, and pulp and paper. The sapwood takes preservatives readily, and the heartwood has a relatively high natural resistance to fungus attack. At present, there is no pulp market for eucalyptus in Florida, because of its distance from any mill. However, with more of it being planted and the pulp industries ranging farther and farther in search of raw material, a market may develop for it soon.

The eucalyptus are a large group, over 700 different species having been classified. Of this number, only a relative few are commercially important. As part of its reforestation program, the Florida Forest Service has been selling four species of eucalyptus for the past few years. These are:

- E. robusta—best for shade, spreads out well. Has rough, brown bark which resists cattle rubbing. Grows rapidly and is considered the best all-round eucalyptus.
- E. camaldulensis—slender, good for preservative treatment and pulp, is more cold-hardy than robusta.
- E. rudus—smaller, equally cold-hardy.
- E. saligna—most tender, exacting as to where it can be planted, needs favorable rainfall conditions. Very fast growing and makes better timber. Is the prettiest appearing because of its bark and color. Not recommended for ornamental on a small lot, but makes fine tree for ranch yard.

The Forest Service does not recommend the planting of eucalyptus north of the Tampa-Lakeland-Melbourne line as yet, but is hopeful of extending this boundary.

Eucalyptus may be planted from potted stock or bare-root seedlings. The Florida Forest Service recommends the damp summer months for bare-root planting, while potted stock has less demanding seasonal requirements. Both varieties are grown in the Florida Forest Service nurseries for sale to Florida landowners. Potted stock is $15 per hundred trees. Bare-root seedlings are considerably less expensive at $10 per thousand.

Schory recommends the potted stock for areas up to an acre in size. For monetary reasons, larger areas should be forested with bare-root stock. If the area is properly prepared—and this is a must—survival may be as high as 80 percent, says Schory.

The only real drawback with eucalyptus, so far, seems to be weed and grass control during the first one or two growing seasons. Unlike pine, eucalyptus cannot stand competition during its early years. However scientists at the Florida Forests Foundation in Fort Myers—with whom the Florida Forest Service works quite closely—have come up with a chemical weed control method which looks very promising.

Australian pine, although it doesn't provide as much shade as eucalyptus, is another tree with which the cattleman should be familiar. It provides an excellent windbreak, grows fast, and is a good soil builder.

The Florida Forest Service has several farm foresters offering professional forestry assistance to landowners in the cattle raising areas of the state. And since the Service is quite anxious to add more of it being planted and the pulpwood, annually, some 40 percent of the total pulpwood converted in Florida mills is imported from outside the state. In 1963, Florida pulp mills used 3,826,667 cords of roundwood and chips. Approximately 95 percent of this total volume was pine, with the remainder miscellaneous hardwood.

Florida Ranks High

In Pulping Capacity

Florida ranks second among all states in industrial pulping capacity. Even in years of in-state harvest of pulpwood, annually, some 40 percent of the total pulpwood converted in Florida mills is imported from outside the state. In 1963, Florida pulp mills used 3,826,667 cords of roundwood and chips. Approximately 95 percent of this total volume was pine, with the remainder miscellaneous hardwood.

The Florida Cattleman
MOORELANDS FARM
GUARANTEED
DISPERSAL SALE
MOORESVILLE, NORTH CAROLINA

SELLING OVER 26 BULLS
250 HEAD

175 FEMALES

This is a Performance Tested herd, selling fully guaranteed.

Featuring O. BARDOLIERMERE 53, the "rump" bull and WHITE GATES BARDOLIERMERE

plus THE SALE AND SERVICE OF
Ankonian O.B. 91, by O. Bardoliermere out of a daughter of Eileenmere 1023.
White Gates O.B. 91, by O. Bardoliermere 53 and sire of the 1963 Supreme Champion at the Mid-Atlantic Futurity.
White Gates O.B. 1331, by W. G. Bardoliermere 13 and from a daughter of Black Baron of Barnoldby, the Supreme Champion at Perth.
White Gates O.B. 1314, by W. G. Bardoliermere 15 and double bred grandson of the "53rd."

Also selling are 4 sons of White Gates Bardoliermere, 5 sons of White Gates O. B. 91 and 5 sons of Ankonian O. B. 91.

Among THE FEMALES . . .

Also selling are many members of the Ohio Queen Harrison tribe, among them a daughter of Bardoliermere 2, 2 daughters of the "53rd", and 5 by Ankonian O.B. 91.

Other famous bulls represented in the pedigrees are Eva’s Bandolier Lad, Jago Eric, Eileenmere 1029 and others.

This is one of the largest Angus herds in the Carolinas. Calfhood vaccination has been practiced since 1956. All females of age will be examined for pregnancy.

T.B. Accredited (Cert. No. 847) • Brucellosis Certified (Cert. No. 358)

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EVA'S BARDOLIEMERE 12
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HERD SIREs – Hughes Eileenmere 999,
Black Baron of Lakewood 125, Elision of
Lakewood, Jr., Prince of Red Gate 199, and
Whitney Bardoliermere 20.
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Grady Williams, herd.
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THE seedlings you plant today are your future
timber crop. Forest growth is slow, but sure, if
it is protected. No other growth of the soil has so
certain a market, for the need for timber in-
creases steadily as the uses for wood fiber
multiply every year.

Twenty years ago the paper industry in the South
used about five million cords of pulpwood. Today
it uses more than twenty million. Future demand
may double that amount, and that demand is no
farther off than the trees you plant today. To the
tree grower, the future is now.

Certified Tree Farms Increase

There are Florida cattlemen who grow
trees, and there are Florida timbermen who
grow cattle. It's no new thing and
the "combination" idea is centuries old.
It continues to evolve, however, with the
use of ever new techniques in both in-
dustries.

Increasing in number is the cattleman
tree farmer—many of them active mem-
ers of the Florida Cattlemen's Associa-
tion, but also Certified Tree Farmers.

Since the Tree Farm System was first
promoted nationally in 1943 some 27,404
Tree Farms and 64,354,462 acres have
been certified. Nation-wide during 1965,
already 28 new tree farms have been add-
ed.

Florida is third among all states in
Certified Tree Farm acreage.
The Sunshine State, as of February 1,
old 842 certified Tree Farms represent-
ing 6,496,560 acres, according to Ameri-
can Forest Products Industries, Inc. of
Washington, D. C.

There is a Tree Farm Committee in
each of six Florida Forest Service dis-
tricts. Eligibility for certification in the
Tree Farm system is based on several
requirements. The land must be privately
owned; the woodland owner must protect
his trees from fire, insects, disease, de-
structive grazing, etc. (This means com-
pliance with fire laws and cooperation
with forestry departments in fire pre-
vention and control measures).

To retain status as a Certified Tree
Farmer, the landowner also agrees to
periodic inspections of his tract, to prove
that high management standards are con-
tinued.

Basic aim of the American Tree Farm
System is to place more woodland under
management practices, thereby bringing
continuing benefits to the owner, and pro-
ducing more and better forest products
and services.

Hardwoods Used

HARDWOODS ARE now being used ex-
tensively by several of Florida pulp
wood processors.

Mostly "gum" trees are being used
at this time, as they are more easily
barked and processed.

In past years, there has been little
use of hardwoods, and no significant
cultivation and management of them,
but Hudson Pulp and Paper Corpor-
ation at Palatka has recently begun
planting and managing some hard-
wood plantations, according to H. M.
Shirley, head of the Woodlands Di-
vision.

Shirley said that the hardwoods are
used for such products as toilet
tissue and other specialized papers,
and he feels there is a practical place
for proper management of hard-
woods in the future of both the tim-
ber and cattle industries.

Modena Plantation
Savannah, Georgia
Robert C. Roebling, Owner
David Doddridge, Herdsman
Elgin 5-3012
Off Isle of Hope on Skidaway Island

Improving Better ANGUS . . .

ST REGIS
SOUTHERN WOODLANDS
Jacksonville, Florida
Pensacola, Florida
FLORIDA COWBELLES activities over the past several months have been many and varied. In this column, I would like to acquaint everyone with recent projects, several meetings attended, and projects under consideration for the near future that the association is concerned with.

A most successful project originally discussed when I met with Highlands County Agent Bert Harris and Mrs. James Stephens of Sun City, our second vice president, last winter was the Highlands County booth at the State Fair in Tampa. It turned out to be one of the best projects with various county CowBelles working the booth daily, giving away chances on a side of beef and talking about beef to the public. Those counties participating were Marion, Sumter, Pinellas, Citrus, Okeechobee, Charlotte, St. Lucie, Orange, Hillsborough, and Manatee. I had the pleasure of serving as one of the judges at the close of the fair.

I attended and assisted in two Marion County “Beef Round-Ups” recently. One was held in Dunnellon and the other in Belleview, and both were well received. I also met with Art Highie, executive vice president, FCA, and Tommy Sloan, chairman, Florida Beef Council, to discuss beef promotion in conjunction with FCA and the Beef Council. Art Highie and I met in Tallahassee with Mrs. Frances Champion, state supervisor, Home Economics Education, and talked about the possibilities of using more methods of promoting beef in schools throughout Florida.

The Georgia CowBelles requested our assistance on organization and I had the pleasure of meeting with Mrs. Olin Blair, president, and Mrs. Henry Reeves in Lake City, to help them organize the Georgia CowBelles.

An executive board meeting was held in Kissimmee on April 7. We had a good attendance, and I feel much was accomplished in lining up various projects for the future months.

I met with Mrs. Glen Harned, Okeechobee, and Mrs. Alto Adams, Jr., Fort Pierce, our state and national “Beef for Father’s Day” chairman, respectively. We discussed our approach to chain stores and independent stores, publicity and other details in connection with this promotion coming up in June.

An item of interest to all is the plan for a Florida Cattlemen Sweetheart contest to be sponsored by FCA. We have been asked to assist on it so it’s something we should be thinking about now.
Lester Scales Dispersal

COMPLETE DISPERAL of the registered Angus herd owned by W. H. Lester of St. Petersburg, and including 155 head, will be held at his ranch near Ellenton, six miles northeast of Bradenton, Saturday afternoon, August 22.

"A recent illness of my wife resulted in my decision to sell. Although she is in good health now, I want to be in position to spend more time with her," Lester pointed out.

The herd was accumulated during the past two years with purchases from several Florida breeders. Included in the sale will be 115 lots: five herd sires, eight yearling bulls, 40 cows with calves at side and rebred, 56 bred females, and six open heifers.

Lester will also sell a few registered Quarter Horses, retaining only enough horses so that he can continue cutting, his favorite recreation. He is offering his 300-acre pasture, all improved, for rent.

Bob Cooper of Sarasota, well-known South Florida auctioneer, will conduct the sale.

FCA Marketing Committee
Sets Date for Feeder Sale

THE FLORIDA Cattlemen's Association will again sponsor a Graded Feeder Steer Sale at the Gainesville Livestock Market, on Friday, August 6, the FCA Marketing Committee decided at its meeting in Kissimmee April 21.

Several changes were made in the regulations:

1) Steers will be accepted at 300 pounds of weight to 650 pounds, instead of the 300-600 range permitted last year.

2) Graders will use the new U. S. Feeder Grades: Prime, Choice, Good, Standard. (Nothing below Standard will be accepted.)

3) Last year, 400-450 pounds was described as the desired weight range; this year, 400 pounds is called the desired "minimum" weight.

4) The sale will begin at 1:00 p.m. (instead of 7:30 p.m. as last year), and cattle must be at the market by 9 a.m. the day previous, Thursday, August 5 (instead of by 1:00 p.m. sale day as previously).

The date of July 30 was set for a graded sale in South Florida, if a South Florida market wishes to have the sale. At meeting time, no market had asked for the sale which was held last year at Belle Glade, Committee Chairman Gilbert Tucker of Cocoa told the group.

FCA Executive Vice President Art Highie reported that 22 feeder sales have been scheduled for July-October 1965 by Florida cattlemen's associations, breed associations and auction markets.

Highie, together with Tom Willis, president of the Florida Association of Livestock Markets and manager of the Gainesville Livestock Market, and representatives of the Marketing Division of Florida Department of Agriculture, the Florida Experiment Station, and a cattlemen, will again spend a week touring southern and midwestern feedlots in search of buyers during the week May 22-29, it was announced.

Several requests for reliable sources for feeder steers were read by Highie, and a committee was appointed to suggest a workable system of handling these for consideration by the FCA at its Mid-Year Convention in Naples in June.

Members are: Tucker, Highie, Willis, G. C. Perry of Belleview, Glenn Murphy of Avon Park, Jim Pace of the Florida Extension Service, Gifford Rhodes of the Marketing Division, Glenn Sumner of Tampa, and Doug Robison of Seffner.

It was decided to again schedule a Heifer Sale at Kissimmee Livestock Market on October 6. Last year, the heifer sale had to be cancelled due to lack of entries; however, it was agreed that there is a need for such a sale and an effort should be made to hold one this year.

Others attending the meeting were: Bruce Remsberg, Fort Lauderdale; Martin Nicely of the Marketing Division, Bill Wing of Wildwood; G. C. Norman of the State Department of Vocational Agriculture, Tommy Thompson, Jr., of the Gainesville market; Bert Harris, Highlands County Agent; Ray Anderson of Farm Journal, and Bob Cody of The Cattlemen.

Florida Cuts and Uses
The Timber It Grows

MATERIAL DRAIN from Florida’s forests at present about equals new growth. Projected demand for pine can, and will, be met by continued planting of pine seedlings, conversion of more idle land into farm acreage, intensified forest management, and increased fire protection.

More than one and one-half billion pine seedlings have been planted by timber landowners in the past 35 years. Planting of these seedlings has averaged more than 100,000,000 yearly for the past 10 years.

The Florida Cattlemen
It doesn't take an I. B. M. card for a purebred breeder to know that he must advertise his purebred bulls.

The commercial cattleman who is your customer can't know how good your sires are, how good your records are, how good the bulls you have for sale are unless you tell him.

There's no better place to get your story to the commercial cattleman than when the focus is on Better Bulls in each July issue of the Florida Cattlemen's Journal.

Deadline: June 10

Box 1030
Kissimmee, Florida
Phone (305) 847-2802
Vaccination Not Being Phased Out!

There's no truth to the rumors that the Brucellosis vaccination effort will be phased out in Florida. Dr. Clarence L. Campbell, state veterinarian, stated categorically at the Animal Industry Technical Committee meeting in Tampa April 16.

"I am unalterably opposed to phasing out calf vaccination. We will be pushing this program in Florida. We are far from being ready to phase out," he said.

Dr. J. B. Healy of Jacksonville, the federal counterpart to Dr. Campbell, in charge of the Florida office of the USDA Disease Eradication Branch, verified Campbell's statement.

However, new rules designed to reduce the possibility of spread of Brucellosis were approved by the committee, one being a requirement that all cattle coming into the state for feedlot purposes be branded on the jaw with an "S".

The new rules will take effect only after approval by Commissioner of Agriculture Doyle Conner. The committee also voted to hold its next meeting in Naples in conjunction with the Florida Cattlemen's Association convention in mid-June.

Only other major change in the regulations is a provision that bulls vaccinated after April 15, 1964, are not eligible for entry into Florida. All other cattle which have been calfhood vaccinated and are under 30 months of age, provided they have not recently calved or are not heavy springers, may move into Florida without testing.

Angus Bull Sets New High at Sale

At the first day's sale of the Blue Sky Farms' Angus herd dispersion in Kearney, Missouri recently, Angus history was made when J. Phillip Mahoney of Lincoln, Nebraska, purchased a one-third interest in the imported bull, Ermirte of Haymount, for $125,000.

The day's selling cashed 49 bulls for $230,830 to average $4,683, and 175 females sold for $157,135 to average $886. A total of 224 lots selling brought $393,965 at an average price per head of $1759.

ANGUS OF PROMINENCE

LAZY X RANCH

T. B. Bradshaw, owner Woodstock, Ga.
Jake White, manager Ph: 926-6191

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PROGRESS In Beef BY INTENT

To join others in performance and production testing, or to buy tested cattle, write for information to: Florida Beef Cattle Improvement Ass'n J. E. Pace, Secretary McCarty Hall, U. of F., Gainesville
$165 Bid Tops Dundee Steer Sale

DUNDEE RANCH at Lutz held its 4-H, FFA feeder calf sale on Saturday March 27, with 42 steers bringing a gross of $4730 at an average price per head of $113.

Turkey Creek FFA Chapter of Dover was listed as top buyer at the sale paying $445 for five head. Second high buyer was Bob Caldwell of Zephyrhills with an outlay of $435 for four animals.

Auctioneer for the sale event was Jim Face, animal husbandman with the extension service, University of Florida, Gainesville.

Dundee Ranch is owned by Mr. & Mrs. Ralph J. Cordiner and is managed by Charles Moore.

Buyers, with the number purchased if more than one, in parentheses an total amount spent, were as follows:

Turkey Creek FFA, Dover (5) $445; Bob Caldwell, Zephyrhills (4) $465; Roy Osteen, Groveland (2) $300; Groveland FFA, Groveland (2) $290; Largo Senior High FFA, Largo (2) $225; Seminole Senior High FFA, Largo (2) $225; Joy Carter, Palmetto (2) $170; Willis Wysock, Lutz (2) $150; Sheila Todd, Lutz $150; Monty Smith, Kathleen $140; Jack O'Hara, Brookville $125; Kenneth Storey, Groveland (2) $210; Linda Thomas, Riverview $130; Dickson Davies, Tampa $125; Rickey Matt, Tampa $125; Jimmie Lee, Groveland $125; Rickey Williams, Kathleen $120; Ronnie Hines, Largo $120; Ray Wimberly, Plant City $115; John Case, Tampa $110; Jerome Peaster, Micana $110; Gay Carter, Palmetto $95; Johnny Law, Largo $100; Chip Allen, Umatilla $95; David Casey, Tampa $90; Roy O'Hara, Brookville, $80; David Nelson, Lutz $75.

Brangus Men Plan International Show For Houston in '66

AT THEIR recent convention in San Antonio, Texas, the directors of the International Brangus Breeders Association designated the 1966 Houston Livestock Show as the site of the first International Brangus Show. This is the first show to be so named by the organization, and it will become an annual event held at a different leading livestock show every year, according to Roy W. Lilley, executive secretary.

In conjunction with the show, there will be a sale of highly selected Brangus bulls and females. Association President Ed Shock of Kansas City, Missouri, stated that it would be a sale of herd sires and females of the quality that produce herd sires.

Lilley said the special show and sale will be in addition to the annual Brangus shows and sales sponsored by regional Brangus associations which are held at the International Livestock Show in Tucson, Arizona, the San Antonio Livestock Exposition and Rodeo, the American Royal in Kansas City and other major livestock shows.

150,000 Units Vitamin A per lb. 15,000 Units Vitamin D per lb.

Contains: 8.00% Phosphorus 16.00% Calcium

Now you can rest assured your livestock’s mineral and vitamin needs are supplied.

Palatable – Convenient

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Baldwin Angus Ranch

Our Herd Sire: Dor. Macs Bardolier-mere 65. "A TON OF ANGUS TYPE"

"Get a 65th in 65"

Ranch located 5 miles north of Ocala near Hwy. 441. Leroy & Jane Baldwin, owners.

CIRCLE CROSS RANCH

Reg. Angus and Commercial Cattle

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Our herd sire is O Bardoliermere 123, a full brother to the 1964 Sire of the Year, O Bardoliermere 2. We’re raising quality Angus!

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Registered Angus Cattle

MONARCH BREEDS WINNERS!
Sarasota County Fair Features Keen Competition

DAVID SIMPSON, 4-H member from Sarasota, received the grand champion award with his steer at the Sarasota County Fair on March 26, and the animal sold for $1,30 per pound to Publix Market who paid $849 for the 730 pound steer.

The 26 steers averaged 95 cents per pound with Publix Market being the high buyer with a total outlay of $2076.44 on purchases of four head. Gene Simmons of Sarasota purchased the reserve grand champion shown by David Bixler of Sarasota FFA Chapter. Bob Cooper was the auctioneer for the sale which saw 21,027 pounds of beef sell in the auction at an average price of 95 cents per pound and an average price per steer of $428.75.

In the purebred beef cattle show, championships in the various breed classes were awarded as follows:

**Angus—Grand champion bull:** Ermitre of Allandale, Suncoast Farms, Bradenton; Grand champion female: Barbara 14 of Elk Hill, Baldwin Angus Ranch & Quail Roost Farm, Ocala; Reserve grand champion bull: Bardoliemere 60PP3, Baldwin & Quail Roost; Reserve grand champion female: C C Queen 101, Suncoast.

**Brahman—Grand champion bull:** WHS Abco Imperator 153, W. H. Stuart Ranch, Bartow; Grand champion female: WHS Lady Abco Imperator 56/3, Stuart; Reserve grand champion bull: WHS Abco Imperator 275, Stuart; Reserve grand champion female: WHS Lady Abco Imperator 102/3, Stuart.

**Hereford—Grand champion bull:** SHF Zato Heir 127, Shuman Hereford Ranch, Plant City; Grand champion female: SHR Zatoette, Shuman; Reserve grand champion bull: Silver 122, Beewood Hereford Farms, Sarasota; Reserve grand champion female: SHF Zatoette, Shuman.

Buyers of the steers were all from the Sarasota area. Number of head purchased by the buyers, if more than one, are shown in parentheses, along with total purchase per individual buyer. This information is as follows:

Publix (4) $2376.44; Citizens Bank and Orange State Lumber $439.30; Sarasota Bank $415; Toale Bros. $405.90; Farm & Garden Supply $440.10; First Federal Savings $396.90; DeSears $392.59; Jim Tillman $389.10; Gene Simmons $469; Florida Power $415.65; Glass & Son Co. $498; Sarasota Federal $375; Marbelle's Market $385.40; General Telephone $343.20; Altman Chevrolet $345.28; Morrison's Cafeteria $406.40; Kwik Chek Markets $454.75; Land O'Sun $430; National Bank of Sarasota $414; Farm & Garden Supply $417.50; Producing Fertilizer $415.05; West Coast Dolomite $411.60; Palmer 1st National Bank $401.50.

Blue ribbon winners in the beef and dairy cattle shows were all from the Sarasota area. They are listed in the order in which they placed by classes with the total number of entries per class shown in parentheses:

**Youth Cattle**

- **Grand Champion steers**- 4-H steers-1000 pounds and up (2): Carol Smith; 551 to 1000 pounds (7); Myron Pledger; 14-H reserve champion; Lewis Pledger; Susan Whitman.
- **Grand champion heifer:** 153, Bray; Quail Roost Cedar, Baldwin & Quail Roost.
- **Junior champion heifer** (2): Corona Harris Erica 2, Baldwin & Quail Roost; Lady Gay, Billy Franklin, Sarasota; Miss Patsy, Richard Wilson, Sarasota.
- **Senior champion heifers** (2): Beesly 65 BAR, Barn; Heifer calves (1)-Elva 65 BAR, Rene Normally, Ocala; Get of sire (1)-Get of Dor Mas Bardoliemere 64, Baldwin & Quail Roost.

**Brahman**

Two year old bulls (1)-WHS Abco Imperator 153 (grand champion), W. H. Stuart Ranch, Bartow; Senior champion bulls (1)-WHS Pooma 197, Stuart;

Junior champion bulls (1)-WHS Abco Imperator 275 (reserve grand champion), Stuart;

Senior champion heifers (1)-Beesly 65 BAR, Baldwin & Quail Roost;

Aged cows (1)-Philips Jipsey Bardoli, Baldwin & Quail Roost;

Two year old heifers (1)-Ruth of Boolood PP2, Baldwin & Quail Roost;

Junior champion heifers (3):-Crow Harris Erica 2, Baldwin & Quail Roost; Lady Gay, Billy Franklin, Sarasota; Miss Patsy, Richard Wilson, Sarasota.

Senior champion heifers (1)-Beesly 65 BAR, Rene Normally, Ocala; Get of sire (1)-Get of Dor Mas Bardoliemere 64, Baldwin & Quail Roost.

**Hereford**

Two year old bulls (2)-Beewood Silver 122 (reserve grand champion), Beewood Hereford Farms, Sarasota; SHF Zato Heir 127, Shuman Hereford Ranch, Plant City;

Senior champion heifers (2):-SHF Zato Heir 127 (grand champion), Shuman; Junior champion heifers (1)-Larry, Morgan Bixler.

(Continued on page 58)
Plans Are Laid For FCA Meet

THE COLLIER County Cattlemen's Association has everything in readiness for the 1965 Mid-Year Conference of the Florida Cattlemen's Association at Naples June 16-18, according to a report from Don Lander, Collier county agent and member of the planning committee.

He says there'll be business for members and fun for everyone. The plans are tailored to make the event one that the whole family will enjoy.

Reservations should be made as soon as possible. They should be sent to C. A. Jordan at the headquarters Beach Club Hotel in Naples.

FCA Executive Vice President Art Higbie reports that the program for the meeting should be an outstanding one. Speakers verified at this time include: John Stiles and Gifford Rhodes, Florida Department of Agriculture; Dr. T. J. Cunha, University of Florida; Everett B. Harris, president, Chicago Mercantile Exchange; Dr. C. L. Kay, vice president for public services, Lubbock Christian College, Lubbock, Texas; George Meherens, Assistant U. S. Secretary of Agriculture; Dr. C. L. Campbell, state veterinarian; and Dr. J. B. Healy, Florida's USDA veterinarian-in-charge.

Higbie also reported that a 36-seat, air conditioned Greyhound bus will be at FCA's disposal at Naples, courtesy of Southern Railway.

Something new on the scene this year will be the Florida Cattlemen's Sweetheart Contest, which is being jointly sponsored by FCA and the Florida CowBelles Association.

Mrs. Cedrick Smith, CowBelles president, urges each county association to have an entrant at Naples for the contest. She warns, however, that the deadline for entries to be received in the FCA office is June 1.

Entrants must be single, age 17 through 22 as of June 17, and the daughter of an active FCA member (complete eligibility rules for the contest may be found on page 64 of this issue).

Complete program for the Mid-Year Conference will be included in the June issue of THE CATTLEMAN.

Forestry Income Up 10 Times

FLORIDA'S TIMBER industry has increased in dollar value from 75 to 750 million in the past 35 years—and the Sunshine State now ranks third in the nation in the production of pulp and paper.

The demand for pulp, cellulose, paper, paperwood, and plywood continues to grow.
JAY CLARK of Kathleen, poses his grand champion steer, which was purchased by Publix Markets.

JAMES LUSK of Haines City, poses his reserve grand champion steer, which was bought by MacAsphalt.

JAY CLARK of Kathleen, poses his grand champion steer, which was purchased by Publix Markets.

BRAHMAN grand champion heifer was this entry shown by Roscoe Thornhill of Eagle Lake.

**Top Steer Honors at Polk County Youth Fair Are Awarded to Jay Clark**

**Total Purchases on 102 steers amounted to $35,985.02 during the auction at the 18th annual Polk County Youth Fair in Bartow. The auction, held March 12, wound up the two day showing of prize stock by 4-H and FFA members. Auctioneer Bob Cooper of Sarasota took bids from a large number of buyers at the block.**

Named as grand champion steer of the show was an Angus entered by FFA member Jay Clark from Kathleen. Weighing in at 766 pounds, the show topper was purchased by Publix Markets, the largest buyer in the sale, for $1.15 per pound. Publix paid a total of $4530.66 for the 12 head bought in support of the annual youth event.

James Lusk of the Haines City FFA chapter showed a 776 pound Hereford for reserve champion honors. Lusk's steer was purchased by MacAsphalt Corporation of Lakeland for a price of 60 cents per pound.

Total weight of the sale animals amounted to 81,415 pounds. This brought the average price per head to $352.79, and the average per pound to 43.5 cents.

During grading procedures prior to the sale a grade of "choice" was placed on 37 of the 102 steers.

Complete Polk County dairy results can be found on page 84 of this issue.

Competition in the beef breeding event held the first day saw some highly fitted animals shown by the 4-H and FFA members from the arena in the “within the breed” scoring. In Angus, Bartow 4-H'er Bryant McLendon showed Hughes Baron Barnoldby 32 for grand champion honors. McLendon also had the champion female, Hughes Blackwood Lady 2. Kenneth Frazier, FFA member from Frostproof, received reserve champion honors for his bull, Nighthawk of Evader.

Eagle Lake 4-H member Roscoe Thornhill of Frostproof was awarded grand championship for his Brahman heifer Lady Abe Imperator 235/3. Tim Thornhill, also of Eagle Lake, showed the reserve champion heifer, Miss Lady Ayrshire.

In the Hereford class, the grand champion bull was JCG Mischief Domino 1. He was an entry of Joe Goldsmith, Lakeland 4-H. Jay Clark showed the reserve champion, Prince Victor 2. Goldsmith also had the reserve champion female, and Kathleen 4-H member Bud Clark's entry, Miss Charlene 13, was picked as grand champion heifer.

In grade Angus blue ribbons were awarded to Lex Thompson, Bartow FFA, and Darrell Branning, Frostproof FFA.

Buyers of steers were as follows:

- Publix Markets; MacAsphalt Corp., Lakeland
- Sunshine Fertilizer, Haines City; Kwik Chock Stores
- Ewell Engineering & Construction, Lakeland; Ridge Fertilizer, Lake Wales; Ridge Coca-Cola, Winter Haven; Field Equipment, Winter Haven; Fort Meade Ford, Fort Meade; M. D. Moody & Sons, Lakeland; Hughes Supply, Lakeland; Exchange National Bank, Winter Haven; Central Glass & Mirror, Lakeland; Board of County Commissioners; Futural Food Store, Frostproof; People's Bank, Lakeland; A. C. Wright, Fort Meade; Smith Oil Co., Lakeland; W. H. Stuart, Bartow; Superior Paving, Lakeland; Florida Citrus Canners, Lake Wales; Two Sisters Shops, Tampa; Linder Industrial Machinery, Lakeland; Alcoma Corp., Lakes Wales; Florida Four Construction, Lakeland;
- Florence Citrus Growers, Winter Haven; State Fertilizer, Lakeland; Tilden Fruit Co., Winter Haven; Cypress Gardens Citrus Products, Eloise; Crawler Tractor Co., Bartow; Mitchell Appliance, Fort Meade; Ben Hill Griffin, Jr., Frostproof; Dixie Lime & Stone, Ocala; Imperial Bank of Lakeland, Lakeland; Ideal Fertilizer, Bartow; First State Bank, Lakeland; State Bank of Haines City; Hunt Bros., Ranch, Lake Wales; Florida Sheet Metal, Lakeland; Haines City CCA; Copeland Sausage, Alachua; A. H. Lewis, Fort Meade; Warren Bros., Winter Haven; Central Bank of Haines City; John Snively, Jr., Winter Haven; Central Feed, Winter Haven; Dr. C. Anderson, Lakeland; A. J. Thomas & John Mock Serum Metal, Lakeland; W. W. Dunson, Winter Haven; Varn Pharmacy, Fort Meade;
- The Florida Cattlemen
**CowBelles Push Beef For Father’s Day**

It won’t be long until Father’s Day—that’s the word from Mrs. Alto Adams, Jr., of Fort Pierce, chairman of the American National CowBelles’ Beef for Father’s Day Committee.

She urges all CowBelles to take part in an active campaign to publicize the event in every possible way. Slogan this year is “Keep Beef Alive in ’65!"

“Our target nationally is a big one,” Mrs. Adams says. “We want to make Father’s Day and Beef a great American tradition—like turkey is on Thanksgiving—and we must remember that June 20 is the target date!”

She points out that anyone who wants more of the essentials practical cattlemen everywhere are demanding.

**Auctioneers:** Gayle Ingram, Columbus, Tex.; Harold Henry, Marshall, Mo.

**The Red Angus Stock Farm**

Mrs. Susan Taylor McDaniel

Orange Grove, Texas

---

**Dispersal Sale of Charter Herd**

**The Red Angus Stock Farm**

**Rebel 805, 1267B,** an intensively line bred Earl Marshall bull; weight 2460 lbs.

**ALSO SELLING THESE HERDSIRES**

**Rebel 845**—An Earl Marshall bull of great scale and perfection—prepotent. His get are long bodied, growthy, frequently weaning over 750 lbs. at 205 days. Offering: 20 young cows, some with calves at side; 10 bull calves; 5 open heifers.

**Red Manley E3, 178F**—Notable for muscling, easy fleshing, breeding excellence and meateness to the third generation. His get and service sell.

**Rubric 901**—Double grandson of “999-35”—several fashionable sons and daughters offered.

**60 HEAD IN ALL**

Brucellosia vaccinated and T.B. tested. Cows pregnancy tested. Herds tested for dwarfism by inbreeding in so far as numbers would allow.

**CATTLE OF QUALITY**

**Angus Ranch**

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W. F. SNYDER

Oneco, Florida

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**Thompson Bros. Farm**

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**CATTLE OF QUALITY**

**Angus Ranch**

W. W. TOWNSEND &

W. F. SNYDER

Oneco, Florida
Champion Hereford Female at the Polk County Youth Fair was shown by Bud Character of Kathleen.

Polled Hereford Registrations Up

More than 10 percent increase in registrations and a 15 percent gain in number of Polled Herefords purchased during the first half of the current fiscal year as compared with the same period of a year ago, is reported by Orville K. Sweet, executive secretary of the American Polled Hereford Association, Kansas City, Missouri.

A total of 83,137 new Polled Hereford registrations was cited in the six month period from September 1, 1964, up to February 28, 1965. This is an increase of 8,100 registrations, or a 10.8 percent gain over the 75,037 calves recorded in the same span last year. A record annual number of 175,045 Polled Herefords were registered in 1964.

There were 39,487 applications for transfer of ownership processed in the first six months of the current fiscal year, which is 5,749 more than the 33,738 animals sold in the same period the past year.

In addition to the new annual record number of 175,045 Polled Herefords recorded in the 1964 fiscal year, purchases of animals totaled 89,202, including new breeders and established breeders to set another record. This marked an increase of nearly 20 percent over the previous record number sold in the 1964 period.

"The high level of interest and enthusiasm that exists in the Polled Hereford industry is surely reflected in these registrations and transfer of ownership increases," Sweet said. "And it points up for the fact Polled Herefords are meeting the demands of all cattlemen and demonstrating their inherent beef producing traits and bred-in economic advantages in all phases of the beef cattle empire. More cattlemen are selecting Polled Herefords than ever before."

USDA reports indications are that farmers plan to cut hop production by about eight percent. This should create an average increase in prices of about $2.00 over the next 12 months.
Corrigan To Host Field Day

L. E. Everett of Dade City, vice president of the Florida Hereford Association has announced the organization will hold its Spring Field Day on Saturday, May 29. Site of the event will be the Corrigan Ranch, Vero Beach.

Theme of this year's event will be the commercial cattlemen's use of Hereford cattle in straight and cross breeding operations in Florida, Everett reported.

Items to be featured on the program will include a live animal evaluation clinic, pointing up various Hereford and Hereford-cross commercial cattle; comparison of purebred and commercial herd performance and profit potentials; demonstrations of pasture and herd management techniques; and exhibits of animals reflecting the merits of the Hereford breed.

Several speakers will appear on the program, including Bill Miller, southeastern representative of the American Hereford Association; Mack Patton of the American Polled Hereford Association; and Doug Oswald of Ocala, president of the Florida Hereford Association. Everett said he expects to have some commercial cattlemen who use Herefords in their operations appear on the program also.

A barbecue lunch will be served at the ranch as a part of the day's activities.

Last year's Hereford Field Day was held during August at the Santa Fe River Ranch, Alachua.

THE NUMBER of cattle and calves on feed in 32 major feeding states was up one percent at the close of the quarter ending December 31, 1964.

USDA reports that 13 Angus and 13 Herefords are currently representing the American purebred industry at the International Livestock Show in Japan.
Hereford Tops Quincy Stock Show

At the 21st annual Fat Cattle Show and Sale held in the State Livestock Pavilion at Quincy April 6-8, a total of 242 head of steers were judged and went through the sale ring. This figure included 82 individual 4-H and FFA entries and 16 carlots in pens of 10 head.

Debra Sewell, a 10 year old 4-H'er, daughter of Mr. and Mrs. Harmon Sewell of Quincy, showed her 1062 pound Hereford steer to the grand championship in the club competition, and then came back in the evening judging to be named grand champion of the show over the other winners.

Another 4-H member, Steve Stoutamire of Greensboro, had his Hereford animal named to the club reserve championship and then edged out several other winners to take the reserve grand championship of the show.

At the auction sale held on April 8, the grand champion sold to Winn-Dixie Stores for 98 cents per pound for a total of $1040.76. Stoutamire's reserve champion went to the West Florida Livestock Association with the 989 pound Hereford selling at 51 cents a pound.

The Thompson brothers, David and Donald, of Marianna, took FFA honors by having their Angus entries named grand and reserve champions, respectively.

In the carlot judging, Edward Fletcher, Greensboro, received the top honors, with Violetta Farm of Gadsden County taking the reserve championship. Fletcher's group of cattle weighed 10,132 pounds, with the reserve penlot weighing 9952 pounds.

Sandy VanLandingham of the Greensboro FFA Shapert, topped the gain-in-weight contest, with an average daily gain of just under three pounds. Daniel Coulliette, Jackson FFA, and Dicky Bennett, of the Jackson 4-H Club, took second and third places. James Gorman, general manager of the Florida Retail Federation, sponsors of the contest, presented checks to the contestants based on 10 cents per pound for all gain over and above one pound per day for the feeding period.

In the youth judging competition, the No. 1 4-H team from Leon County took first place; Gadsden County's No. 1 team came in second; and the Jackson No. 2 team was awarded third place. Charles Field, Leon, and George Powell, Jr., Gadsden, tied in individual scoring with 192 points each. FFA winner was the Quincy team; with Bethlehem in second place; and Marianna taking third spot. Danny Hayes of Quincy was top individual scorer with 195 points.

Winners of the Doyle Conner scholarships and presented by Commissioner Conner at a ceremony following the evening barbecue on April 7, were FFA member Ronnie Macom of Greensboro, and Stoutamire, in the 4-H category.

Calf scramble winners were 4-H members Frank Miller, Tommy McQueen, Donald Lewis, Herbert Moore and Bobo Edwards. FFA competitors successfully halterng their animals were Dale Sims, Randell Frosser, Jacky Peacock, Danny Hayes, and Terry Herring.

Judging of the livestock during the show was handled jointly by Jim Pace, animal husbandman, University of Florida, Gainesville, and O. W. Dixon of Tampa.

Under the gavel of Auctioneer Wayne Henry of Quincy, the steer sale on April 8 averaged 27 cents per pound for an average of $259.36 per head. Total sales amounted to $67,767.05 for the 242 head of steers weighing 229,709 pounds. Topping the list of buyers were Frasty Morn of Quincy and Winn-Dixie Stores of Florida.

Steer winners by classes, with number of entries, and placings, were as follows:

FFA heavyweight (8)—Sandy VanLandingham, Greensboro, Randall Frosser, Richards; Thomas Goodwin, Greensboro; Nick Bert, Havana; Billy Nobles, Marianna; Daniel Coulliette, Marianna; Ronnie Macom, Greensboro; Tommy Smith, Quincy.

FFA mediumweight (11)—Tommy Reddick, Mari-

The Florida Cattlemen
Commercial Hereford Herd

FOR SALE

PRIVATE TREATY

115 COWS WITH CALVES
All these are good big cows, with calves sired by purebred Hereford bulls, at side. The cows are high-grade Hereford themselves. They can be a real asset to a good established herd, or to someone who wants to start a new operation.

125 PASTURE EXPOSED COWS
These are also good, high-grade Hereford brood cows. They have been exposed to purebred Hereford bulls during this season, and should produce a good crop of calves this fall and winter. They are ready to move to your ranch.

Please call for an appointment to look over this group of cows. An opportunity you seldom see.

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The Florida Cattleman

What You Get With LINTOX-D LIVESTOCK SPRAY AND DIP

- Kills resistant hornflies, lice, ticks.
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Thompson Wins At Georgia Show

ROBERT THOMPSON, 4-H member from Colquitt, Georgia, won the grand championship with his Hereford calf at the annual Georgia Fat Cattle Show held in Atlanta recently. The youngster is the son of Mr. and Mrs. Ralph Thompson of Jo-Su-Li Farms. The reserve champion was shown by Charles Nash, of Newman, Georgia.

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Mack Patton Is Named Field Man For APHA

ORVILLE K. SWEET, executive secretary of the American Polled Hereford Association, Kansas City, Missouri, has announced that Mack Patton has been employed as field representative in the southeast, succeeding Ron Henning of Donalsonville, Georgia.

Henning resigned from the breed association staff in March in order to resume his graduate studies at the University of Georgia. He has accepted a county agent's position in Georgia.

Patton, who has managed two of the leading Polled Hereford herds in America, will serve the territory of Florida, Georgia, Alabama, and South Carolina. He has resigned his position as general manager of the cattle operation for E. Brooke Lee's Silver Springs Farm at Damascus, Maryland. Prior to that time, Patton was manager of Crail Farm at Hendersonville, North Carolina, and guided that herd into national prominence from 1951 until August 31, 1964, when the herd was dispersed.

Patton served two terms as president of the North Carolina Hereford Association, and twice was president of the North Carolina Cattlemen's Association. He is a past president and vice president of the North Carolina Agricultural Foundation, a past director of the North Carolina BCA, and a past director of the American National Cattlemen's Association. He holds a Bachelor of Science degree in animal husbandry from North Carolina State University, Raleigh.

Sweet said that it is expected Patton and his family will make their home at Athens, Georgia.

R. W. SHUMAN of Plant City exhibited the grand champion Hereford female at Sarasota.

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Overseas Rates Are Lowered

by BROOKS J. KEOGH
Pres., Amer. Nat'l Cattlemen's Ass'n

A temporary reduction in overseas freight rates averaging more than 20 percent was recently announced by the U.S. steamship lines.

These reductions were an outgrowth of the hearings held by the Senate Small Business Subcommittee, and it is hoped that as a result increased beef sales to Europe will be stimulated. ANCA participated in these hearings.

Continuing heavy cattle slaughter, although down a bit from the record pace of late 1964, makes a reduction in the national herd during 1965 look better with every passing week. However, it doesn't do much to improve the outlook for higher prices under the pressure of numbers.

Of the 107,152,000 cattle and calves on hand January 1, according to USDA estimates, 80,911,000 were beef cattle, up two percent over last year and about 12 million more than the 1959-63 average.

The rate of increase during 1964, at 1,207,000, was considerably less than in other recent years and indicates that an additional slaughter of around one million head during this year is needed to keep numbers even or cut them down a bit. The slaughter since January 1 is already 600,000 above the same period last year.

Observers warn, however, that the slaughter rate could not normally expect to continue so high except under drought-forced liquidation—and it's too early to guess on that now.

Steer numbers dropped 648,000 head during 1964, calves went up 558,000, heifers increased 187,000 head, but beef cows climbed 1,072,000.

The Packers and Stockyards Advisory Committee met in Washington recently to discuss possible expansion to include retailers under the Packers and Stockyards regulations; change the burden of proof on adjustments in rates charged so that marketing agencies, rather than the Packers and Stockyards Division, must prove rates reasonable; increase the time for the Secretary to review rate changes; increase the time for filing reparation complaints and broadening the Act to make packers subject to reparation provisions.

Also discussed at the meeting were clarification of the Act to require packers to file reasonable bonds; give the Secretary authority to seek temporary restraining orders and injunctions for those who have acted in a fraudulent manner; give stockyard owners more control in the management of their operation; possibility of requiring a custodial account to be maintained in FDIC banks; develop regulations on handling graded and yield selling; full disclosure of the proration of shrink; and require certain minimum standards of performance for commission firms.

The National Livestock Tax Committee, an independent group sponsored by the American National and other livestock and breed organizations, recently met in Denver to consider a number of federal livestock tax problems.

A major project this year is to obtain more equitable estate taxations. This committee was instrumental in the passage of the capital gains rule as applied to breeding stock. More recently, the committee helped in the passage of the averaging-of-income law which makes for more equitable taxation of persons like the ranchers who have their ups and downs as far as income goes.

Sarasota Fair

(Continued from page 48)

Summer yearling bulls (1)—SHF Zato Heir 112, Shuman; Senior bull calves (1)—SHF Zato Heir 152, Shuman; summer bull calves (1)—SHF Zato Heir 165, Shuman; Summer bull calves (2)—SHF Zato Heir 158, Shuman; Senior yearling heifers (1)—SHF Zatoette 117, Shuman; Junior yearling heifers (2)—DHF Zatoette (grand champion), Shuman; Unnamed: David Bixler, Sarasota; Senior heifer calves (1)—SHF Zatoette 155, Shuman; Junior heifer calves (1)—SRH Zatoette 159, Shuman; Get of sire (1)—Get of SHF Zato Heir 356, Shuman.

40 Years Effort

Not until the 1920's were the first serious efforts made toward reforestation in Florida. To protect what remained of the state's timber and to rebuild for the future became the task of individuals, industrialists, and state agencies like the Florida Forest Service. Millions of acres of barren, burned-over land had to be reforested. Damage done by decades of carelessness needed repair.

The Florida Cattlemen
PREMIER EXHIBITOR
AWARDED BY THE CATTLEMAN FOR BOTH
Brahman and Charolais Breeds

In being named 1964-65 PREMIER EXHIBITOR in Florida for the past show season for both the Brahman and Charolais breeds, our cattle came under the close scrutiny of a number of judges. In Brahman showing, we had the PREMIER BULL, followed by Second and Third places. Our females took Second, Third and Fifth places in the final scoring. In the Charolais scoring, we made a clean sweep of the bull division, the PREMIER BULL and the Four runner-up bulls. Also, we had the PREMIER FEMALE and Third place female.

We are understandably proud of the above accomplishment principally because it vindicates a big decision made about sixteen years ago. At that time we established a breeding policy designed to produce beef cattle of an entirely different type from the then popular compact, compressed, short and extremely deep-bodied, small-type animals favored by the show judges under the then existing methods of judging.

Realizing that both live cattle and beef were sold by the pound, our objective was to produce the most of the best beef in the shortest period of time, at the least cost.

We were inspired by some of the most progressive beef researchers' description of the "STEER OF THE FUTURE" as an animal that would produce a 550 pound carcass with a high ratio of tender, high-quality lean meat and with a minimum of waste fat, at only twelve (12) to fifteen (15) months of age.

We therefore adopted the firm policy of selecting and mating cattle for the production of animals with heavy bone; length and moderate depth of body; plenty of size and weight-for-age; and with heavy muscling in the areas of the high priced cuts.

In recent years meat researchers and the USDA have conclusively demonstrated that cattle as just described are of a SUPERIOR MEAT TYPE. They have provided many illustrations of the fact that these SUPERIOR MEAT TYPE animals result in higher carcass cutability of edible retail cuts ($50.00 or more greater), than a carcass of comparable weight and grade, from a compact, short and extremely deep-bodied, small-type animal. Our goal has been and will continue to be to produce SUPERIOR MEAT TYPE BEEF CATTLE. We are pleased that our current production of hybrid calves compares favorably with what scientists have described as the ideal "STEER OF THE FUTURE" in that they will produce a high quality, 550 pound carcass at approximately 15 months when placed on full feed at weaning time.

FOR SALE

In addition to SUPERIOR MEAT TYPE breeding stock of registered Brahman, Charolais and Charolais-Cross (Charbra), we have for sale approximately 479 Superior-Meat-Type Brahman X European hybrid cows. All of these cows have been exposed to High Quality Bulls since the first of January and will, therefore, start calving in October.

They consist of approximately 170 F₁ Brahman X Hereford; 93 F₁ Brahman X Angus; 52 F₂ Brahman X Angus X Hereford; and 160 F₂ Brahman X Charbra X Hereford.

They were all dehorned as calves and officially calfhood vaccinated for Brucellosis. We also have approximately 4000 SUPERIOR-MEAT-TYPE hybrid steer and heifer calves for sale and delivery at weaning time on or about July 1.

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---

**Pinellas Has Dairy and Beef Entries**

**An Angus** steer weighing in at 848 pounds was picked as grand champion of the show at the Pinellas County Fair held in Largo March 29-April 3. The steer, belonging to Thomas Hejl of Tarpon Springs, was purchased by Publix Market for a price of $1.15 per pound, and Hejl pocketed a check in the amount of $975.20.

Haddie Bell Timberlake, Pinellas Park, had the reserve grand champion. Her steer, a 1257 pound Angus, went to Pinellas Central for $854.76. Their bid was high at 68 cents per pound.

The sale was held on the fairgrounds the evening of March 30, and auctioneer Jim Pace from the University of Florida took bids at the block. Total receipts for the sale animals amounted to $7600.44. This made an average price per head of $447.08, and an average per pound of 50 cents.

In the beef cattle judging within the breeds, Angus, Brahman and Charolais were represented. Champions of each breed were as follows:

- **Angus**—Grand champion bull: **Bardoliermre 60PP3**, Baldwin Angus Ranch & Quail Roost Farm, Ocala; Grand champion female: **Crow Harris Erica 2**, Baldwin & Quail Roost; Reserve grand champion bull: **Keystone Bardoliermre 162**, Baldwin & Quail Roost; Reserve grand champion female: **Philips Jipsey Bardolier**, Baldwin & Quail Roost.


- **Charolais**—Grand champion bull: **Sir Jumper DS 779**, DS Ranch, Clearwater; Grand champion female: **Miss Jumper DS 939**, DS Ranch; Reserve grand champion bull: **Jumper DS 867**, DS Ranch; Reserve grand champion female: **Miss Humberto DS 897**, DS Ranch.

Complete results of the dairy judging may be found on page 83 of this issue.

Buyers of steers, most of them from the Pinellas County are, unless otherwise indicated, along with the number of head if more than one, in parentheses, and total purchases of individual buyers, were as follows:

- **Publix Market** (3) $1764.95; **Morrison's Caterers** (2) $152.60; **Pinellas Central** $854.76; **William Casey** $470.40; **McMullen Feed** $574.40; **Clearwater and Le Duc Lumber Companies** $484.36; **K & K Construction** $322.46; **First National Bank of Dunedin** $108.74; **Parliament House** $106.60; **Interstate Livestock Auction Market, Inc.** $308.56; **Bank of Seminole** $413.16; **Pc Kow** $388.70; **Golden Horseshoe Restaurant** $378.56; **Seminole Senior High School** $297.10.

Blue ribbon winners in beef cattle,
are listed in the order they placed by classes, with number of entries shown in parentheses:

**Youth Steers**

Heavyweight (7) - Haddie Bell Timberlake (reserve grand champion), Diane Williams, Steve Cantarella; George Link; Mike McLeod; Cole Timberlake; Ronnie Hines; Lightweight (9) - Thomas Heij (grand champion), Dan Greenberg; Joan Schee, Cliff Les, Clay Ward; Ken Musgrave, Arthur Holloway; Barry Carr; Gene Holloway; Premier feeder award - Haddie Bell Timberlake.

**Adult Beef Cattle**

Angus - Summer bull calves (1) - Bardoliermere 65, Baldwin Angus Ranch & Quail Roost Farm, Ocala; Senior bull calves (2) - Bar Imperial 23 Baldwin & Quail Roost; Keystone Bardoliermere 1021, Baldwin & Quail Roost; Summer yearling bulls (1) - RF Bardoliermere 126, Baldwin & Quail Roost; Junior yearling bulls (2) - Benchmark of Prospect 5, Heartside Farms, Largo; Bardoliermere Baldwin & Quail Roost; Senior yearling bulls (1) - Bardoliermere 1021, Baldwin & Quail Roost; Senior heifer calves (1) - Unnamed, Baldwin & Quail Roost; Junior heifer calves (2) - Crow Harris Erika 2, Baldwin & Quail Roost; Baldwin & Quail Roost; Year old heifers (1) - Ruth of Brookland P2, Baldwin & Quail Roost; Senior heifer calves (1) - Quail Roost Cedar, Baldwin & Quail Roost; Summer yearling heifers (1) - Unnamed, Baldwin & Quail Roost; Junior yearling heifers (2) - Crow Harris Erica 2, Baldwin & Quail Roost; Baldwin & Quail Roost; Baldwin & Quail Roost; Two year old heifers (1) - Tsim, Baldwin & Quail Roost; Aged cows (1) - Hipssey Bardolier (reserve grand champion), Baldwin & Quail Roost; Baldwin & Quail Roost; Baldwin & Quail Roost; Senior heifer calves (1) - W.H. Stuart Ranch Bartow; Senior yearling heifers (1) - W.H. Poonce 197, Stuart.

**FLORIDA'S Department of Agriculture**

United States Department of Agriculture (USDA) total meat production under federal inspection for the week ended April 10 was estimated at 484 million pounds, or seven percent below a year ago.

**Florida's Department of Agriculture**

stares that more rain is needed in most of the state's counties, but cattle are responding well to improved grazing.
Beef Futures Post Gain

Beef cattle futures gained over $1.00 per cwt during this past month. Contributing to the advance were strong cash markets in Chicago and Omaha and lighter receipts at the 12 major terminal markets. Labor difficulties at several terminal markets, as well as rain and thaw, caused poor road conditions in the midwest producing regions which contributed to smaller arrivals at the 12 major terminal markets. This latest advance occurred in spite of record slaughter, which is averaging about seven percent above last year’s levels at this same time. The average weight of all slaughter steers at seven major markets was 1098 pounds—the lightest since late October. A slaughter increase for the year of two percent would cut into the record cattle on farms of 107.2 million head and turn the cattle cycle down. Slaughter for the South Atlantic states, which includes Florida, for the month of March total 57,718 head versus 47,350 head for March 1984.

Live beef cattle futures trading on the Chicago Mercantile Exchange continues to be the second most active commodity with the number of contracts outstanding climbing to just under 2200 contracts and daily volume averaging 150 lots a day. The trade is waiting to see how deliveries will be taken on expiring April contracts which has close to 275 contracts open.

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(Information furnished through courtesy of Haydon, Stone, Inc.)

Calf Crop Emphasis Set For Beef Short Course

Highlighting the 14th Annual Beef Cattle Short Course, slated to begin on May 6 and close on May 8, will be a comprehensive presentation on factors affecting the calf crop. Site of the event will be the livestock pavilion at the University of Florida in Gainesville.

The activities of the period will start unofficially with the annual Block and Bridle Club banquet on Wednesday evening May 5 at the Holiday Inn. The official portion of the Short Course will get underway at 9:00 a.m. Thursday May 6, with opening remarks and a welcome address by Dr. T. J. Cunha, head of the University’s Animal Science Department, and Dr. E. T. York, Jr., Provost for Agriculture at the institution.

Several of the morning speakers will cover the subject of reproductive rates in beef cattle with comparisons given on rates in different countries, the U.S., the South, as well as in Florida. The Thursday afternoon session will lead off with presentation of THE FLORIDA CATTLEMAN awards for Premier Breeder, Premier Bull and Premier Female—based on the 1964-65 livestock show season. Other portions of the afternoon program will give additional insight on reproduction rates based on feeding levels along with other factors affecting reproduction.

Feature of the Thursday evening session will be an address by Dr. Jan C. Bonsma, Head of Animal Science, University of Pretoria, Republic of South Africa. He will discuss, in separate talks, the selecting for fertility and breeding for functional efficiency, and will cover livestock climatology for adaptability. Bonsma is a recognized international figure in the field of animal science, and currently is a visiting professor at Texas A&M University, College Station, Texas.

Several discussions on Friday morning will point out effects of nutrition on reproduction under Florida conditions; heritability; performance and other allied phrases.

Following the talks at the Friday afternoon tour, a tour of Stardust Ranch at Micamy will be held, along with a special presentation of the production testing program conducted by owners Henry and Jeannette Chitty.

Several discussions on Friday morning will point out effects of nutrition on reproduction under Florida conditions; heritability; performance and other allied phrases.

The Saturday morning program will see a group of speakers present further valuable data concerning bull breeding soundness, length of breeding season as well as environmental effects, and the future of the beef cattle breeding programs.

Cunha said the complete program has been designed to give Florida’s cattlemen a detailed look at the many factors involved in obtaining successful calf crops. He added the course will provide some of the answers to the often-present question, “Why was this calf born dead?”

Short Course advisory committees are made up of representatives of each of the beef breed associations, the Florida Cattlemen’s Association and the Florida Beef Cattle Improvement Association.

The Florida Cattlemen
FCA Resolutions

In an effort to have all materials available at an early date, Arthur M. Bissett, chairman of the resolutions committee for the Florida Cattlemen's Association, urges all individual committee members desiring to have resolutions presented at the coming FCA convention in Naples, to send their requests to him as soon as possible.

All such requests for resolutions for inclusion on the agenda should be forwarded to Bissett at P.O. Box 1177, Bartow.

Harold McLeod Joins Eatmon

K. D. Eatmon, owner of the K. D. Eatmon Ranch, Pompano Beach, has announced that Harold E. McLeod has been employed as ranch manager.

McLeod was formerly connected with Gulf Coast Farms at Fort Myers for a number of years. He is well known in Santa Gertrudis cattle breeding circles, and has served as breed superintendent at the Florida State Fair in Tampa on several occasions. McLeod is currently serving as vice president of the Florida Beef Cattle Improvement Association. He holds a degree in animal husbandry from the University of Florida.

Eatman stated that he was highly pleased to be in a position to obtain the services of McLeod as his manager, who will reside with his family near Loxahatchee.

Along with raising purebred Santa Gertrudis, Eatmon also maintains a band of registered Quarter Horses at the ranch.

Dempsey Names SGBI Classifiers

Charles Dempsey of Sarasota, president of Santa Gertrudis Breeders International, recently announced that William F. Barrett of Valley Mills, Texas, and Robert W. Blackbird of Houston, Texas, have been employed as classifiers for the breed organization.

Barrett is a native of Waco, Texas, and graduated from Texas Tech in Lubbock with a degree in animal science. Blackbird is a native of Houston and is a graduate of Sam Houston State College.

Good clover-grass pastures help produce more beef than permanent types.
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CowBelles
Slate Plans
At Meeting

DIRECTORS of the Florida CowBelles met in Kissimmee for their first executive meeting of the new year April 7. Mrs. Cedrick Smith, Jr., the group’s state president, presided over the meeting.

One of the chief items to cross the packed agenda was a planning discussion on the “Beef for Father’s Day” campaign which is sponsored each year by the CowBelles. Mrs. Alta Adams, Jr. of the St. Lucie County chapter went into the program quite thoroughly. She placed special emphasis on publicity releases through local newspapers and the distribution of colorful posters by CowBelles in their respective counties. The posters will be displayed in both independent and retail chain food stores. Mrs. Adams is also the national director for the Beef for Father’s Day campaign.

Another item of importance was the Florida Cattlemen’s Sweetheart Contest. The contest is to be sponsored jointly by the CowBelles and FCA. Eligibility rules for entrants are as follows:

1) Single, ages 17 through 22 as of June 17, 1965; 2) Daughter of an active FCA member; 3) Must be able to attend this year’s conventions in Naples and St. Augustine; 4) Must be able to visit Tallahassee one day; 5) Each county cattlemen’s association may send one representative; 6) Contestants will pay their own expenses at Naples; 7) All expenses of the sweetheart will be paid for the Tallahassee trip; 8) Contestants will be judged in this order of importance—(1) Personality, (2) Poise, (3) Beauty; 9) Each county association will conduct its own respective contest, conforming as is seen fit with these rules, to select a candidate; 10) Names of candidates should be submitted to FCA’s executive vice president by no later than June 1; 11) Contestants must not be queen of any other agricultural commodity.

Mrs. Smith urged that all county cattlemen’s associations conduct contests in their own counties in order to assure an outstanding representation of candidates.

Those CowBelles present at the directors’ meeting, and the counties they represented, were as follows:

Mrs. George Kempfer, Mrs. Carlyle Platt, Brevard; Mrs. Bayard Toussaint, Charlotte; Mrs. W. F. VanNess, Citrus; Mrs. Carel Carlton, Mrs. Glenn Harned, Mrs. Mardel Kahn, Highlands; Mrs. Bob Deriso, Mrs. Sac Diaz, Mrs. L. E. Everett, Mrs. Leon H. Keene, Mrs. Louise Sumner, Hillsborough; Mrs. Alan Becker, Mrs. Cedrick Smith, Marion; Mrs. R. Elmo Griffin, Osceola; Mrs. Alto Adams, Jr., Mrs. Thomas Sloan, St. Lucie; Mrs. S. D. Andrews, Mrs. Aubrey Caruthers, St. Lucie.
SNAPPY DUN owned by Edgar Brown was first go-round cutting winner at Ocala with Willard Davis up.

Ocala Chamber
Promotes Beef

Promotion of Florida beef was accomplished by the Ocala-Marion County Chamber of Commerce in a unique way through telegrams and delivery of beef steaks produced in the county.

"The great story of Florida Beef is best told through the experience of eating it," is what 66 food editors read in telegrams received on April 20. Additionally, with the telegrams, Western Union delivered two 1½ inch strip steaks, cut from Marion County beef and specially prepared by the Ocala plant of Swift & Company.

The steaks were received by 51 food editors of the leading national magazines and daily newspapers in New York, Chicago, Philadelphia, Boston, Atlanta and New Orleans. The 51 editors also received by mail a complete story on Florida beef and how to charcoal broil the steaks to their taste.

The other 15 steaks went to the editors of the leading food trade publications—read by the major buyers of Florida beef. The news story for the food trade editors featured the quality of Florida beef.

Details of the promotion were coordinated by Alfred L. Lino & Associates, and represented a joint effort by the Ocala-Marion County Chamber of Commerce, the Florida Development Commission and Swift & Company.

JOHN CARTER rode Hollywood Cat, owned by Dorfman QH Ranch, Celina, Texas, to cutting win at Ocala.

for May, 1965
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SIRE: LITTLE BILLY
DAM: JACOB BEAUTY
OFFICE CHARGE:
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Holly Hill Farms

Four Races at Arcadia

Five races were sponsored by the Racing Division of the Florida Quarter Horse Association at the Marvin Moncrief Ranch, Arcadia, on Sunday, March 28, according to a report from Turner Coats of Fort Pierce, racing division chairman.

"The winners of all of these races received one point toward being horse of the year in Quarter Horse racing," Coats pointed out.

He said a breakdown showing how all eligible horses ranked on point totals would be reported in the near future.

Results of the Arcadia races are as follows:
First race, 300 yards—Pokey Priest (17), owned by George Smith, Miami; Wilda Tina Girl, owned by Glenn Murphy, Avon Park; Double L, owned by Moncrief; Second race, 300 yards—Chickasaw (16.5), owned by Coats; Bonnie Casbar, owned by E. L. "Goech" Partin, Kissimmee; Miss Blair, owned by Bob Palmer;
Third race, 250 yards—Wilda Jing Jing (13.9), owned by Murphy; O Honey, owned by Moncrief; Cee Bar Jody, owned by Palmer;
Fourth race, 400 yards—Mark Bar (21.5), owned by O. Kelly; Red Feature, owned by C. Wheeler, Lakeland;
Fifth race, 350 yards—She’s A Cat (18.9), owned by Murphy; Red Bird, owned by Wheeler; Chickasaw Misty, owned by John Spells, Brandon.

Cutting Is Slated

For R Bar Ranch

A National Cutting Horse Association approved cutting competition has been slated at D. R. Daniel & Sons R Bar Ranch, Oakland Park, on Friday May 7.

The cutting events will include open cutting, $300 limit novice and $200 limit novice rider, any horse.

Open cutting will have $200 added with entry fee of $20 and office charge of $11. It will be a single go-round only event. The $300 limit novice competition will have $50 added with entry fee of $10, and office charge of $8. The third event will have $25 added, $10 entry fee and office charge of $8.

Judge for the day’s events will be John Christy of Baldwin. Alternate judge is John Simonsen of Miami. Mrs. Joyce Langford of Fort Myers will serve as secretary. Horses must be on the grounds by 12:00 noon and entries will close at 1:00 p.m.

The cuttings will get underway at 2:00 p.m.

The Florida Cattlemen
Horse Short Course Set
For June

Plans for the third annual Light Horse Short Course at the University of Florida, Gainesville, have been completed, according to J. R. Crockett, chairman. Dates for the event have been set for the period June 10-12, with speakers selected for presentation of topics of interest to all horse enthusiasts. There will be no registration fee and the entire program will take place at the livestock pavilion at the University.

A variety of subjects will be covered by speakers from the University staff, extension service, state department of agriculture, and several Quarter Horse and Thoroughbred breeders. Research and reproduction will be stressed, along with breeding records maintenance. Stallion care and management will be presented covering the subject both from a Quarter Horse breeder's standpoint, and Thoroughbred breeder's views.

Youth activities in the horse field will be highlighted during one of the sessions with a film entitled "Youth and Quarter Horses" in addition to several speakers discussing current and proposed youth horse programs in Florida. A question and answer period will follow each group of speakers on the program to enable on-the-spot queries to be answered directly by program members, Crockett reported.

Several barbecue meals will be served by the Block and Bridle Club on the ground under the supervision of A. Z. Palmer, J. W. Carpenter and J. F. Jeter of the animal science staff.

The Short Course is jointly sponsored by the various Florida breed associations in cooperation with the University's animal science department, headed by Dr. T. J. Cunha. Last year's course saw approximately 600 in attendance, and it is expected a like crowd will be on hand this year to avail themselves of up-to-date information on various aspects of raising horses in Florida.

The complete program and list of speakers will appear in the June issue of THE CATTLEMAN.

Lake Cattlemen Elect

DONALD BRONSON, Clermont, was elected president of the Lake County Cattlemen's Association at a recent meeting held in Tavares.

Other members voted into office were Oscar Johns, Groveland, vice president; Glenn Lovness, Tavares, secretary; and Dick Scoy, Umatilla, treasurer. Bronson also holds the office of state director. The new officers will serve the organization for the year 1965-66.

for May, 1965
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Two Q' Horse Shows Set For May

THREE QUARTER Horse events were on the slate at preertime with shows at Crestview, Milton and Pensacola, to be followed by a show at Miami on May 8-9, and the Trail Duster Quarter Horse Show on May 29 in Lake Wales.

The Western Horse Show Association of Florida will hold its two-day AQHA-FQHA-NCHA Championship Show at Miami which will include several FQHA youth events.

The Lake Wales event will combine a Quarter Horse show and cutting horse contest and is a show at Miami on May 8-9, and the Trail Duster Quarter Horse Show on May 29 in Lake Wales.

Show information for the Lake Wales event follows:

Class | Entry | Add. | Prizes
--- | --- | --- | ---
Halter | 6 | | Teop. & Rieb.
Jr. Reining | 6 | | Teop. & Rieb.
Sr. Reining | 6 | | Teop. & Rieb.
Jr. W. Pleasure | 6 | | Teop. & Rieb.
Sr. W. Pleasure | 6 | | Teop. & Rieb.
Barrel Race | 6 | | Teop. & Rieb.
Roping | 6 | $50 | Teop. & Rieb.
Jr. Cutting | 10-10 | $50 | Teop. & Rieb.
Sr. Cutting | 10-10 | 50 | Teop. & Rieb.
Open Cutting | 20-1-10 | 200 | Teop. & Rieb.
Novice Cutting | 15-1-10 | 100 | Teop. & Rieb.

The open and novice cutting competition at Lake Wales will be judged according to NCHA rules. Complete results of the April shows and the early May event will be covered in the next issue of THE CATTLEMAN.

Cattlemen Elect In Hillsborough

OFFICERS were recently elected by members of the Hillsborough County Cattlemen's Association for the current year at a meeting held in Pinecrest at the high school cafeteria.

Ray Thompson of Riverview was named to head the organization, while Angelo Massaro, Brandon, was elected 1st vice president. Named as 2nd vice president was Jack Hooker of Plant City.

Wayne Wade, Plant City, was elected secretary, and Ralph Sumner, Brandon, was elected to the treasurer's post.

Named to represent the local association as director to the state cattlemen's group was Horace Miley of Lithia. Seth Alderman, Wimauma, was elected as alternate state director.

USDA REPORTS that total meat production under federal inspection for the week ended April 3 was estimated at 511 million pounds, an increase of four percent over a year ago.
The Cattlemen Entertain Florida’s Legislators

When the Commissioner of Agriculture entertained the legislators, April 12, the Florida Beef Council provided the beef — and manned an exhibit. Here Governor Burns and Commissioner Doyle Conner inspect Angus held by Price Brown of Deriso Angus Ranch, Tampa.


Others “hosting” legislators were Dr. Marshall Watkins of the Agricultural Extension Service, Sloan Baker of the Quincy experiment station, Dr. T. J. Cunha of the University of Florida, Mr. Cellon and Henry Mangels, Dade County president. Mrs. Smith, Mrs. Sloan and Mrs. Bennett also pose.

Past FCA President Ralph Cellon stands by as Secretary of State Tom Adams talks with the smiling Governor.

Chairman Tommy Sloan of Florida Beef Council poses with Cattlemen A. G. Cayson and Rep. Frank E. Guilford, both of Blountstown.

Florida Beef Council

A Committee of the Florida Cattlemen’s Association

P. O. Box 656, Kissimmee, Florida

(Published as a service to the industry by The Florida Cattleman magazine)
A New Sorghum for South Florida

UNIVERSITY OF Florida Agricultural Experiment Station Circular S-167 entitled "Plantation Pride—A Bird and Disease-resistant Feed Sorghum for South Florida," by F. T. Boyd, V. E. Green, Jr. and H. L. Chapman, Jr. has recently been issued. Its summary states as follows:

Until recently, sorghum culture was impractical in south Florida because of bird damage to the ripening grain. Two varieties, Cuban-Guinea and Leoti-Red, were found to be resistant. An intervarietal cross was made, and selections were obtained that were bird resistant.

Further selections were made of the strains that possessed other desirable agronomic characteristics. A superior strain named Plantation Pride has been found to give good crops of palatable forage and grain. It is adapted for production on the sandy and organic soils of south Florida. The strain is not a hybrid, and if it is grown in an area isolated from other crops of the genus Sorghum, including grain sorghum, sorgo, Sudan grass, Johnson grass, Columbus grass (S. alun), broom corn, or hybrids of these crops (sorgasm) good vable seed can may be saved and planted in succeeding generations. Rigorous selection or mixing may modify the strain after a few generations, and it will be necessary to procure new seed.

Seed producers may obtain foundation seed from the Florida Foundation Seed Producers, Inc., P.O. Box 14006, University Station, Gainesville, Florida.

A New Oats for Florida

UNIVERSITY of Florida Circular S-166 entitled "Florida 500 Oats" by Dale Schler and W. H. Chapman, has recently been printed. Florida 500 is a short, medium early oat variety, well adapted to Florida growing conditions. Grain yield has been superior to that of other varieties and resistance to current crown rust is the best presently available. Forage yield also is relatively good. Foundation seed is available from the Florida Foundation Seed Producers, Inc.

Beef Cattle Short Course

IT WILL be held at the livestock pavilion on the University of Florida campus on May 6, 7 and 8. This year the course will be devoted entirely to the factors which affect the calf crop. Everyone interested in the beef cattle business is invited to attend. There are no requirements to attend and no registration fee is charged. A tour of Henry and Jeanette Chitty's ranch will take place on May, 7. They win the Florida Bankers Association Award last year for having the best production testing program in Florida in 1964. A new Award Winner will be presented this year.

Forage Bulletin

FLORIDA AGRICULTURAL Experiment Station Bulletin 638 entitled "Production, Voluntary Consumption, and Digestibility of Forages When Used as Feeds for Dairy Cattle in Florida" by J. M. Wing has recently been issued. While this publication involves dairy animals, some of the information obtained will be of interest to beef cattle producers. Some very interesting data are reported in this bulletin on alfalfa, alfalfa plus clover, green corn, oats, oats plus alfalfa, oats plus clover, pearl millet, sart sargo and white clover. Fertilization, labor requirements, harvesting data and yields per acre are reported.

Light Horse Short Course

THE THIRD annual short course will be held at the University of Florida campus on June 10, 11 and 12. Anyone interested in horses is invited to attend. There are no requirements for attendance and no registration fee will be charged. A very interesting program has been lined up.

One of the features will be a discussion of stallion care and management. Two speakers will present views, with one representing the Quarter Horse category and the other giving a presentation from the Thoroughbred point of view.

Because of the growing interest of youth in horses, a special film will be shown during one of the periods entitled "Youth and Quarter Horses" along with several speakers pointing out present and future youth horse programs in Florida.

Those attending the course will have the opportunity of asking questions following each group of speakers so that specific points might be clarified and additional information given. Chairman for this year's Light Horse Short Course is J. R. Crockett, staff member at the Main Station.
Two Bits Ranch
Owner Leases
Q' Horse Stud

JACK BOOREAM, owner of Two Bits Ranch at Alturas, recently announced the acquisition on a lease basis of Twenty Gold, P-3243, a Quarter Horse stallion.

Now standing at the ranch, the Palomino stud was sired by Gold Rush, P-457, out of Triangle Lady 20, daughter of Joe Hancock. He is a half brother to Hollywood Gold, sire of Hollywood Lin, the 1964 NCHA World's Champion Cutting Horse, with winnings of $15,647.59 in 38 championship cutting horse contests during the past year. He is also a half brother to the 1964 NCHA World's Reserve Cutting Horse, Jill's Lady, whose lifetime earnings come to $27,158.26. She is one of only 33 horses eligible for the NCHA Silver Award.

Booream also pointed out that Hollywood Gold, the half brother to his stallion, Twenty Gold, died December 30, 1964, two days short of 25 years of age. At the time of death, records show he had 262 registered get, 50 point earners, and 32 ROM qualifiers. Of nine top money winners at the 1964 NCHA Futurity in Dallas last December, three of the horses trace their parentage to him. Co-champion of the futurity was Miss Ginger Dee, a granddaughter of the outstanding sire of champions.

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FLASH: FLASH:

We have just received word from Mr. Vernon Close of Close Quarters, Lafayette, Georgia, that he is going to disperse his entire herd of horses in our sale June 19, 1965. Mr. Close is probably the first man that brought a registered Quarter Horse to Georgia and his herd was developed from those quality foundation horses—His will be among the best!

Some of our offerings will include one of our senior stallions, Tag Tail, by the AAA horse Leo Tag. Also Imprint Ironclad, an outstanding three year old gelding by Poco Imprint.

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Sale Entries In

ENTRY RESPONSE has been good for the Florida Quarter Horse Association's annual sale set for Kissimmee on Saturday, July 3, according to W. H. Lester, Jr., of St. Petersburg, chairman of the sale committee.

He said that sifting of the sale entries will begin about May 1. The committee plans to have 60 head catalogued for the sale, including studs, geldings and brood mares.

The event is scheduled to begin at 7:00 p.m.

Spring Rodeos

Are Announced

A RODEO event sponsored by the St. Augustine Horseman's Club will be held at the St. Johns County Fairgrounds on June 5-6.

Spectators will be treated to roping, dogging and barrel racing contests with performances scheduled for 8:00 p.m. Saturday, June 5, with two go-rounds, and a Sunday performance at 2:30 p.m., with two go-rounds.

The Florida Junior Rodeo Association will also sponsor a two day youth rodeo at Moore Haven on June 5-6.

An RCA sanctioned rodeo was held in conjunction with the recently concluded Pinellas County Fair at Largo during the period April 2-4 which saw a great deal of action at the initial event.

Another event held on April 9-10 was the 1965 rodeo presented by the Plant City Rotary Club at the William Schneider Stadium in Plant City.

Complete results to three places in each event for the Largo and Plant City rodeos are as follows:

Largo

Bull riding—first go-round: Larry Lyons; Killos Campos; second go-round; Lyons; Copper, third go-round; Average: Lyons; Carter; Campos; Bareback bronc riding—first go-round: Berry Hatfield; Neil Samuels; tie for third between Matt Condo and Phil Heinen; second go-round: Condo; Heinen; Samuels; average: Condo; Samuels; Hatfield.

Saddle bronc riding—first go-round: Hank Straut; Clark; Holmen; Campos; second go-round; Condo; Holmen; Strat; third go-round; Holmen; Condo; Charlie Driver; average: Holmen; Strat; Driver; Calf roping—first go-round; Roy Davis; Shoot Webster; tie for third between Roger Wasmber and Alton Holmen; second go-round; Butney Faircloth; Webster; Paul Graham; average; Webster; Buddy Lytle; Ted Smalley; Steer wrestling—first go-round; Smith; Wright Howington; second go-round; tie for first between; Lytle and Strat; Chuck Den; average; Strat; Freddie McCullers; Bill Banner; Barreled race—first go-round; Shirley Reaves; Mar- ces Smalley; Joyce Faircloth; second, go-round; Shirley Reaves; Jean Allen; Beth McCall; third go-round; Marcia Smalley; Sheila Faircloth; Shirley Reaves; average; Shirley Reaves; Jean Allen; Joyce Faircloth.

Plant City

Calf roping—Jay Matthews (33.3 seconds); West- ley Smith; Buddy Allman; Bull dogging—Dave Trease; Alman; Don Boyd; V. L. Underhill (tied for third); Bull riding—Johnny Clark; Boyd; Jack Stroble; Bareback bronc riding—first go-round: H. L. Whid- den; Bobby Rowe; Johnny Clark; second go- round: Rowe; Goat Multis; Joe Johns; average; Rowe; Whidden; Multis; average; Rowe; Whidden; Multis.

Saddle bronc riding—Alman; Rowe; Jerry Bellis; Girls' cloveopped race—Cecilia McDaniel; Donna Frencb (split for first); Elaine Gammon; Roxie Locky.
This sale has a history of having the best quality and the highest averages of any association sponsored Quarter Horse sale in the Southeastern United States. This year's screened offering will be the best yet. You can expect to find halter prospects, horses with some performance training, good broodmares (many with colts and/or rebred), and good cow horses. Plan now to attend—it'll certainly be worth your time if you're looking for some good Quarter Horses.

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Twenty Gold is also a half-brother to the 1964 NCHA World’s Reserve Cutting Champion, Jill’s Lady, whose lifetime earnings come to $27,158.26. She is one of only 33 horses eligible for the NCHA Silver Award.

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Grading Standards To Change

New beef grading standards are being instituted by the federal Meat Grading Service, according to a news release from USDA.

There are two phases to the new program:

1. The quality standards for U. S. Prime, Choice, Good and Standard are being revised, primarily to reduce the emphasis on marbling.

2. Cutability standards, which are optional with the meat packer, are being introduced.

While some of the effect of the changes will be the same as those in the Dual Grading which was in effect from July 1, 1963 to June 30, 1964, there are many differences as well.

The American National Cattlemen’s Association voted against the Dual Grading system, but the USDA statement says that the new regulations are in line with “recommendations of Dr. Robert W. Bray and Dr. Ernest J. Briskey in their report to the American National convention in January 1964.”

The revision of the quality standards closely follows a resolution officially adopted by ANCA. Revised quality standards and cutability standards were both recommended by the National Advisory Committee on Cattle as a means of helping to strengthen the cattle industry.”

Specifically, the revised quality standards will:

1. Reduce the marbling requirements for beef in the U. S. Prime, Choice, Good and Standard grades, depending on the grade and degree of maturity.

2. Reduce the number of maturity classifications from three to two in these grades.

3. Eliminate consideration of the two degrees of marbling in excess of that classified as “abundant.”

4. Require that all carcasses offered for grading be “ribbed” (that is, with the hind and forequarters separated so that the carcass ribeye muscle is visible to the grader).

The cutability standards establish five classifications to identify differences in the percentage of trimmed retail beef cuts which can be produced from various kinds of beef carcasses. These classifications range from 1 to 5, with the number 1 identifying carcasses with the highest retail cut-out, and the number 5 those with the lowest. They are based on: fat thickness over the carcass ribeye muscle; the size of the ribeye; the quantity of internal carcass fat; and the carcass weight.

Says USDA: “The quantity of waste fat which must be trimmed from carcasses in making retail cuts affects car-

THE CONDITIONER OF CHAMPIONS
The lack of some system of providing a uniform distinction between carcasses with varying amounts of waste fat has seriously limited the usefulness of the grades as a basis for establishing prices. Beef carcasses of the same grade and weight are often traded at nearly uniform market in spite of wide variations in the amounts of waste fat.

"Price differentials between carcasses and cattle of varying cutability would reward the producer of superior 'meat-type' cattle, and should encourage the production of such animals."

FCHA Figures Are Announced

Cutting horse standings in competition for 1965 Florida Cutting Horse Association events showed some changes since the last report from Joyce Langford, Fort Myers, secretary of the association. Mrs. Langford's recent figures showed Snappy Dun, ridden by Willard Davis, Waxahachie, Texas, and owned by Edgar Brown of Fort Pierce, in the lead with several recent wins.

Poco Jessie, ridden by Paula Holley, and owned by Rex and Paula Holley, Miami, is in second place. Third spot is occupied by Rooster Clegg, ridden and owned by C. W. "Mann" Bailey, Oxford.

Complete earnings through 11 places for the FCHA shows are as follows:

- Snappy Dun ($567.21), Poco Jessie ($466.91), Rooster Clegg ($316.97), Bareable ($290.16), ridden by Lee Young; owned by John R. Shaw, Jacksonville, Reys Dixie ($290.88), ridden and owned by G. Spencer Harden, Sanford; Duchess Ann ($172.36), ridden by Salty Langford, owned by A. E. McDavid, Brooklet.
- Sear Hog ($148.84), ridden by Buck Daniel, owned by D. R. Daniel & Sons, Oakland Park; Hollywood Tater ($119.65), ridden and owned by Johnny Shaw, Jacksonville; Red Miller James ridden by Eddie Young, owned by Jack Booreum, Bartow; My Gal Sally, ridden and owned by Rex Holley, Miami; Sisston Sir, ridden by Joyce Langford, owned by J. R. Fulp, Jr., Abbeville, South Carolina (three way tie at $82.57 each).

P & S Committee Holds Meeting

The Packers and Stockyards Livestock Committee met recently in Washington, D.C., to discuss activities under the Packers and Stockyards Act, according to an announcement from USDA.

The 24-member committee was established in March 1963 to advise USDA on the marketing of livestock and meat as it relates to the P&S Act administered by USDA's Consumer and Marketing Service.

The committee, composed of representatives from all segments of the livestock and meat industry, has held two previous meetings, one in May 1963 and again in May 1964.

Members of the committee from the southeast include William D. Reamy, a Fredericksburg, Virginia, livestock dealer, and Henry L. Reaves, a livestock producer from Quitman, Georgia.

Mr. Frost Bar

is a buckskin stud colt, foaled in May, 1963. He is by Pino Sugar, P-142,982, an own son of Sugar Bars, and out of Pino Hifi, P-116,992, who is by Music Man, an own son of Music Mount. His pedigree carries the breeding of Sugar Bars, Three Bars, Plaudit, King, and Music Mount. This young stallion was shown very successfully at halter, winning his class frequently, and always placing well at last year's shows. We have Mr. Frost Bar in training now. He shows a great deal of intelligence and has a good disposition. We feel certain that this young stallion has the potential to produce running, performance and halter horses to carry on his top breeding characteristics. STUD FEE—$100 Introductory Fee for five approved mares.

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We have 3 or 4 yearling colts from our mares' last year's foals—also, 1 brood mare with colt at side by Zanto's Louis, and an ROM cutting horse gelding. We expect to have 15 or 20 to choose from this year's colt crop. We specialize in selling weanling colts at 6 to 9 months—the kind easily trained for halter and performance, and a pleasure to ride and own.

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Florida

Ocala QH Show Has Large Field
AN AGED STALLION belonging to R. R. Robitzsch of Jacksonville, Cherokee Cash, was named grand champion stallion of the Southeastern Quarter Horse Show in Ocala, March 26-27. Judge Billy Bush of Sherman, Texas, chose him best over a field of 32 other entries.

Bush’s choice for reserve champion stallion was Leotam Adams, an entry stallion from L & L Farms, Dothan, Alabama.

Grand champion mare was My Revere, owned by Phoenix Farm of Orange Park, and reserve was Bernard Kirkland’s Helen Oakes. Kirkland is from Lakeland.

Brave Cadet, a gelding entry belonging to Alex Galis of Albany, Georgia, was picked by Bush as grand champion of his class. Reserve champion was Poco Paul Dee, owned by Charles and Sharon Petty, Jacksonville.

In the junior reining class, Hank Sox, ridden and owned by Keith Barnett of Whitepost, Virginia, was first. And in senior reining Buck Daniel rode Little Switchy to win for D. R. Daniel & Sons of Oakland Park.

In junior western pleasure Di Gill rode another Daniel entry, Francette Daniel, to first place. Senior western pleasure winner was King’s Dilly, ridden and owned by Beverly Griffith of Lake Wales.

Winner in the open barrel race was Shirley Reaves of Dade City. She was riding her own Jenny’s Jasper.

In the open cutting competition, winner of the first go-round was Snappv Dun, ridden by Willard Davis and owned by Edgar Brown of Fort Pierce. Winner of the second go-round was Hollywood Cut, ridden by Carter and owned by Dorfman Quarter Horse Ranch, Celina, Texas.

In novice cutting competition, Wakapia Tack, ridden by Eddie Young and owned by Roy and Marilyn Brubaker of Miami, was first in a field of 16 entries. It’ll Dance, ridden and owned by Spencer Harden of Sanford, was first in junior cutting while Rooster Clegg, ridden and owned by C. W. “Mann” Bailey, Oxford, won the senior cutting class.

Other class winners to three places, with number of entries in each class shown in parentheses, are as follows:

1964 mares (8)—Goldy Bar Bob, Dorfman Quarter Horse Ranch, Celina, Texas; Honey McCue Cash, K. D. Estmon, Pompano Beach; Flying Spur, Rock Hall Farm, Orlando; Red Rock, Don. & Wilda Stalvey, Ocala; Red Rooster, Ed. Young, Plant City; Red Rooster, Willard Davis, Fort Pierce; She’s A Gem, Willard Davis, Fort Pierce; She’s A Gem, Willard Davis, Fort Pierce.

1963 mares (7)—Helen Oakes (reserve grand champion), Bernard Kirkland, Jr., Lakeland; Bess Bean, Estes Farm, West Palm Beach; Jetty Queen, Arnold F. Saraw, Tampa; Polly’s Cat, Eddie Young, Ocala; Polly’s Cat, Eddie Young, Ocala; Polly’s Cat, Eddie Young, Ocala; Polly’s Cat, Eddie Young, Ocala.


Aged mares (12)—Princess O’King, Daniel; Baby Ruth Speare, Ocala; Baby Ruth Speare, Ocala; Sun’s Pistol, Sunny Acres Ranch, Lakeland; Broodmares (1)—Lassie Norris, Don and Wilda Stalvey, Ocala; Produce of dam (1)—Miss Pretty Oakes, A. F. McDavid, Brookfield.

GRAND champion stallion at Ocala was Cherokee Cash owned by Mr. and Mrs. R. R. Robitzsch, Jacksonville.

1964 stallions (7)—Bar K King, Dorfman; Hickory Glo King, Hickory Hill Farm, Gainesville; Unnamed, Peeler Construction Co., Fort Pierce; 1963 stallions (15)—My Revere, Willard Davis, Willard Davis, Willard Davis, Willard Davis, Willard Davis, Ray L. Renfroe, Jacksonville; Mickey Riker, Westenbrook Farm; 1962 stallions (2)—Owned and Associated, Jacksonville; Moore, Miami; Alex Galis, Albany, Georgia.

Aged stallions (5)—Cherokee Cash (grand champion), Jacksonville; Leotam Adams (reserve grand champion), L. & L Farms, Dothan, Alabama; Poca Check, Renfroe.

ROPING - DOGGING

The Florida Cattlemans
Horsin' Around:

Early Training Is Best

by J. R. Crockett
Florida Agricultural Experiment Station

The question has been asked, “how to determine the age at which to begin breaking a horse to ride”. This might be answered by a statement that when they are big enough they are old enough and the earlier the better.

Several years ago, in Colorado, I was custom breaking horses. I had horses brought to me that ranged from long-yearling Quarter Horses to a seven-year-old Percheron mare and her four-year-old daughter. Most of the horses were about two years old and were easily broken to ride. The Percherons were another story.

Actually, there is no set age to start breaking a colt but it is best to wait until they have developed some sound bone structure. Today in the racing industry, both Thoroughbred and short racing, they are running the young horses by the time they are two years.

We are also noticing many more leg injuries in these young horses. Their legs undergo terrific pounding in a race and if their bones have not reached a good stage of development, then there is a good chance if their breaking down.

It was stated before that the earlier the better, however, too much should not be expected of the young horse. A two-year-old has usually reached a point of maturity in which he can be broken to ride and continue into some easy training. The best horse is usually one who has been brought along slowly and easy in his training.

Questions?

Have you questions about horse breeding, feeding, diseases, training or other problems you have run into that have not as yet been answered in our Horsin' Around column?

Our authors for this column have access to all the known information on horses, but they can do a better job for you if you’ll give them some ideas on what your special problems are.

If you have any questions at all pertaining to any phase of horses, please send them to THE FLORIDA CATTLEMAN, Box 1030, Kissimmee 32741. We’ll pass them on to Dr. J. R. Crockett and Don L. Wakeman of the University of Florida.

We are happy to welcome

Salty Langford
AND HIS FAMILY

who will be working with us in the capacity of trainer-manager of the Flying H Ranch.

Salty Langford is no stranger to horsemen in Florida, and we invite each of his friends to stop by and visit with him in his new set-up. He will be training and showing our performance type horses, so you can expect to see him soon on our horses.

We will be specializing in performance horses — showing them at halter and at several performance events. We have good horses of this type for sale. Come by and look them over.

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Out-of-State Horse Wins Annual Trail Ride Event

The 15th annual Florida 100-Mile Trail Ride sponsored by the Florida Horsemen’s Association was completed on March 15 with Mrs. Mary White of Umatilla riding Jan's Parade Socks to the grand championship. The seven year old Appaloosa brown roan gelding was entered by owner Mrs. Gertrude Hamann of Tryon, North Carolina. The out-of-state horse was also named winner of the heavyweight division.

Lightweight winner and reserve champion was Holiday, a Moyle-bred mare, age six, from Rex Moyle’s Ranch in Idaho, ridden and owned by Mrs. Matthew Mackay-Smith of Coatesville, Pennsylvania.

Junior division winner was Jet, a Quarter Horse/Arabian cross gelding owned by J. Carroll Barnhill of Bradenton and ridden by Bruce Barnhill. The horse was the last year’s winner of all adult divisions and grand champion of the ride.

Most of the breeds were represented with Appaloosas, besides taking top spot, also winning third and fifth in the heavyweight competition, and second in lightweight. Quarter Horses won second and fourth spots in heavyweight, and second, third and fourth in the junior division, while one of the two Arabian entries took fourth place in lightweight.

A total of 47 horses started the ride, with 45 completing the 100 miles on the 40-40-20 mile three day pattern. Breed awards for high point horses were awarded as follows: Appaloosa—Jan's Parade Socks; Arabian — Zarogeya, owned by Edith Whiting, Holly Hill; AQHA—I'm Sorry, owned by Vaughn Dekle, Jacksonville; MQHA—Tony Mac, owned by Donald S. McLean, Babson Park; Palomino — Fanny, owned by Terri Sewell, Umatilla.

Jan's Parade Socks was also named best registered trail horse, and was awarded the Doyle Conner trophy for being selected the best Florida bred horse in the competition. Other awards went to top riders as follows: Betty McLean, junior sportsmanship and junior rookie; Sue Burris, Jacksonvillle, senior rookie; Bubba Manucy, St. Augustine, senior sportsmanship; and Harvey Howalt, Dalton, Georgia, senior horsemanship winner for the second straight year.

The ride took place in the Ocala National forest, with Sewell Ranch, just west of Umatilla, serving as headquarters point. The judges were Carl Webster, Chester, Vermont; Dr. William Santoro, Middleburg, Virginia; and Marlin Nicely of Lake City.

Georgia O'Horse Show Plans Set

J. C. Ivey, secretary of the Georgia Quarter Horse Association, has announced that the group’s annual spring show will be held in Abany, Georgia, June 4-5.

Ivey said a class “A” show is expected and entries are open prior to the class being called. $200 will be added in open cutting and added money on all performance classes set at $20 and $50 per class. Most of the events seen at any horse show are to be on the program, he added.

Show chairman will be Charles Sanderlin of Americus, Georgia.

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At Auction, Sat., May 29th: Quarter Horses!

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For Catalog, Further Information, or Transportation from the Airport, Contact

James T. Sullivan
Madison, Florida, Phone 973-6822

or get in touch with Mike Platt or Dave Bateman, Quitman, Ga., 263-5558.
CowBelles See Dairy Operation at

The Warings

In Madison

by ETHEL HALES STANCIL

The B.S. WARING family owns and operates Hillcrest Dairy and a dairy bar at Madison. Milk cows are Guernseys and milk is distributed both wholesale and retail.

The sons operate the dairy. Howell and his wife have five children: twin boys, Mal and Ben, Margie, Mike and baby Laura Lynn. John, the other dairyman, and his wife have three children: John, Jr., Lea and Wanda.

The entire family was excited at the arrival of Mal and Ben. Mrs. Waring had always wanted twins. The boys look alike, but don't act alike, in Mrs. Waring's words. At seven they want to dress alike, although they are in separate rooms at school.

Daughters are Rosa Mabel, Mrs. J. O. Cook, of Savannah, Georgia, who has one boy, Jim, and Martha Ann, who is in college at Valdosta, studying the operation of IBM machines.

Hillcrest Farms, Inc., knows the value of good management and grows nearly all of the dairy and beef cattle feed used. Silage, corn, hagei and peas are grown. Mrs. Waring is one farm woman who still makes her own butter.

Mrs. Waring, Rosa Lucas, maiden name, grew up in Quitman, Georgia, and was teaching math in the high school at Madison when she met her husband, who was so impressed with her at first sight that he told a friend, "There goes my wife!"

Sewing is a hobby of Mrs. Waring's, who also likes to garden. She is active in the Garden Club, being partial to flowers.

For the CowBelles

I WENT to a wedding today. Bride and groom are both quite young. Too young? Time will tell! The important question is, how much do they want their marriage to succeed? How hard will they work to make it succeed?

Probably all couples who have successful marriages have learned little tricks which help them to get along. My own mother and father never got along at the same time. Ralph and I adhere to this same rule. I can't last very long without fuel.

EXPRESSIVE three year old Ted calls our stairway "up up up" and a hammer "bump bump."

HAROLD PARTICIPATED in a state soil judging event. His team came out third . . . maybe next time?

WHAT SHALL I do to make a living? That is an important question for young people—and older people too.

Renn, who will be a junior at the University of Florida next year entered college with the expectation of majoring in animal science. She is now aiming at a career in elementary education.

Hale entered junior college last September with the idea of specializing in some phase of animal science. He is interested in law, and is considering that, but also veterinary medicine.

We are successful, if we enjoy our work. I hope that our children will be happy in their final choices, which may change several times yet!

Money to be derived from a profession should not be a primary consideration. I hope our children will always remember this. Joy and satisfaction in a challenging field is always preferable to one whose chief by-product is money. Money is essential in our society, but still will not buy life's most precious possessions.

I was saddened last week by a note from the husband of my penpal of many years. Eddie came to see me four years ago, driving alone from Virginia and then all the way to California to accomplish the feat. She was a superb letter-writer. They spoke most interestingly of her travels. She grew up in Walla Walla, Washington but had lived with her marine husband in France and in Hawaii at two different times.

Eddie's husband told me of her death. It was not sudden, nor unexpected. She had lung cancer. It was so advanced when discovered that even an operation was impossible. She lived out five months. Cobalt treatments granted her a brief respite. I do regret that because of the great distance between us (she was living in California) I could not be of real help to her, when her need was so great.
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Annual Dairy Production Conference on Schedule

First-hand information on important milk production and marketing problems will dominate the agenda of the upcoming Second Annual Florida Dairy Production Conference, according to C. W. Reaves, extension dairyman of the University of Florida. The conference, scheduled to be held on campus May 12-13, will begin at 1:00 p.m. the first day in the auditorium of McCarty Hall.

The educational dairy meeting will be state-wide and will feature a number of top men, each of whom will be able to furnish valuable information to dairymen in attendance on problems that are of current importance to the industry. Both topics and prospective speakers were selected in a joint planning meeting of university staff members and representatives of dairy producer organizations.

Featured as one of the dairy production speakers will be Dr. John W. Sanders who is director of the Atlanta District of the Food and Drug Administration. He will deal with keeping pesticides and drugs out of milk. Dr. L. A. Moore will discuss feed additives, minerals and vitamins. Moore is leader of nutrition investigations for USDA's dairy cattle research branch in Beltsville, Maryland. He and personnel in his department have done extensive work on feed additives and for this reason he is in a key position to bring the results of research on this subject. This particular segment of the program should be especially interesting to those in attendance in that conscientious dairymen are always interested in the search for more economical production.

Leland Spencer, a senior research associate at Cornell University, will speak on milk marketing. Spencer is a consultant to the Independent Dairy Marketers Association and is recognized as a leading authority in the field of marketing.

Dr. Barney Harris, assistant extension dairyman at the University of Florida, will discuss the dollar value of different feeds in milk production. Also, Dr. S. P. Marshall, dairy husbandman with the Florida experiment station, will give a review of forage variety trials.

Other talks by various leading individuals within their respective fields will cover the place of the veterinarian in maintaining a healthy herd, along with reports on the results of research projects by Florida experiment station workers and other personnel from the university.

Highlighting the first evening will be the dairy banquet which will begin at 6:00 p.m. It will be held in the Student Center (“The Hub”) and will feature another prominent speaker as well as entertainment and a presentation of awards.

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---

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<table>
<thead>
<tr>
<th>Capacity</th>
<th>Price</th>
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<tr>
<td>3,000 gal. vert.</td>
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<tr>
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<td>10,000 gal. vert. or hor.</td>
<td>$600</td>
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---

**Milk Production for January**

<table>
<thead>
<tr>
<th>Area Prod. Gal.</th>
<th>Central</th>
<th>North-east</th>
<th>Pensacola</th>
<th>South-east</th>
<th>Tallahasssee</th>
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**Class I**

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**Southwest Florida**

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**North Central Florida**

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**South Florida**

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**Tallahassee**

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<tbody>
<tr>
<td>11,674,487</td>
<td></td>
</tr>
</tbody>
</table>

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* Includes 394,673 gallons as military, so classified under NES 15.
** Includes 25,985 gallons as military, Tallahassee.
*** Includes 29,760 gallons as military, Central.
**** Includes 263,307 gallons as military, Pensacola.
Dairy Ration Affects Efficiency

Today's dairyman cannot use the same ration year after year and hope to remain the manager of an efficient operation. For this reason Florida dairymen are more strongly encouraged than ever to evaluate their dairy ration from time to time throughout the year, according to C. W. Reaves and Barney Harris at the University of Florida.

The dairyman of today, as an operator of big business, must certainly strive to reduce costs without lowering milk production. Quite frequently this can be accomplished by simply taking a look at the ingredients that make up the ration, or by changing the protein source of the ration. It is necessary, however, that care be exercised in changing the protein source; it must be done gradually so that rumen bacteria may become accustomed to the new feed ingredients.

Citrus pulp and molasses continue to be cheap sources of energy for dairy cattle in Florida. A good economical concentrate ration may contain from 30 to 50 percent citrus pulp and, if facilities permit, from seven to nine percent molasses.

The outlook is that wheat bran and wheat middlings will be good buys in Florida during late spring and summer. Grasses and legumes consumed in early spring often contain very little fiber and therefore are not sufficient as the only roughage. An increase in milk production will naturally cause a small decline in percent butterfat. However, a decline in butterfat is often caused by lack of fiber in the ration, resulting in a shift in the short chain fatty acids pattern (propionic acid increases resulting in a decrease in acetic acid). In most cases the low fat milk can be corrected by increasing the consumption of hay, silage or cottonseed hulls. Buffers such as sodium bicarbonate are sometimes used with success, but generally rations containing more than two percent sodium bicarbonate are quite unpalatable. Molasses improves this condition to some extent.

The SNF (solids-not-fat) may be lowered by failure to supply the required TDN or net energy for maintenance and milk production.

The average cow on good pasture will consume from 50 to 100 pounds of forage daily. Florida dairy researchers have shown that the larger breeds of cattle may consume in excess of 100 pounds.

Fifty pounds of good grass-clover pasture (two percent digestible protein and 13 percent TDN) would supply one pound of digestible protein and 6.5 pounds of TDN. For body maintenance and milk production, a 1,000 pound cow producing 40 pounds of four percent FCM requires 2.65 pounds of digestible protein and 21.5 pounds of TDN daily.

for May, 1965
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GRAND CHAMPION Jersey female was this entry shown by Danna D. Miller of Winter Haven.

MIKE COMBEE of Lakeland showed his Guernsey female to the grand championship at the Polk show.

Five Dairy Breeds Compete at Annual Polk County Youth Fair

A total of 59 dairy animals representing the five major breeds were shown by county 4-H and FFA members at Bartow's 18th Annual Polk County Youth Fair Thursday morning, March 11.

Judge Barney Harris, assistant extension dairyman from the University of Florida, Gainesville, awarded a total of 40 blue ribbons to both individuals and club winners.

Heaviest competition within the breed was found in the Holstein class in which there were two registered animals and 17 in grade for a total of 19.

Next were Guernseys, divided equally with seven in each group. Jerseys were third with 13 animals, 10 registered and three grade. The Brown Swiss class saw two registered and six grade, and lightest were the Ayrshires with three registered and two grade animals.

In registered Ayrshires, Betty Bryan of Lakeland had the grand champion and Larry McCraney of Kathleen FFA showed the reserve grand champion.

Grand champion registered Brown Swiss honors went to 4-H member Frank Adams from Lake Alfred.

Mike Combee, Lakeland FFA, paraded the grand champion registered Guernsey through the ring while Patti Barbarowicz, also of Lakeland, showed her senior yearling heifer to the reserve title.

GRAND CHAMPION Holstein female was exhibited by Bill Adams of the Lake Alfred 4-H Chapter.

BETTY BRYAN of Kathleen poses her grand champion Ayrshire female at the Polk County Youth Fair.

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Winter Haven; Mary Ordog, Lakeland;
Senior yearling heifers (1) — Patti Barbaro-
wick (reservoir champion), Lakeland;
Two and three year old cows (2) — Mike Con-
bee (grand champion), Lakeland; Dona D. Mil-
ler.

**Grade Guernseys**

Junior heifer calves (4) — Colleen Goldsmith, Bar-
tow; Senior heifer calves (1) — Robert Walker, Kath-
leen; Junior yearling heifers (2) — Jim Phillips, Frost-
proof; Robert Walker.

**Registered Holsteins**

Junior yearling heifers (1) — Melody Conord (re-
serve champion), Lakeland; Two and three year old cows (1) — Bill Adams (grand champion), Lake Alfred.

**Grade Holsteins**

Junior heifer calves (6) — James Bouly, Bar-
tow; Larry Storey, Frostproof; Senior heifer calves (6) — John Hall, Kathleen; Kathi Barbo-ro-wicz, Lakeland; Kathi Barbarowicz.

Junior yearling heifers (3) — James Privett, Kath-
leen; James Privett; Senior yearling heifers (2) — Sharon Floyd, Lake Alfred; Sharon Floyd.

**Registered Jerseys**

Junior heifer calves (2) — Elizabeth Twiss, Fort Meade; Bobby Hebb, Bartow; Junior yearling heifers (2) — Cecelia Rowe (re-
serve champion), Winter Haven; Larry Ivy, High-
land City; Mature cows (9) — Danna D. Miller (grand champion); Elizabeth Twiss; Elizabeth Twiss; Terry Clayton, Bartow.

**Grade Jerseys**

Senior heifer calves (1) — Clyde Bridges, Ida; Senior yearling heifers (1) — Ricky Williams, Kathleen; Senior yearling heifers (1) — Patti Barbarowicz.

**Pinellas Has Large Show**

Both Guernseys and Ayrshires were repre-
sented in large numbers at the Pinella-
s County dairy judging in Largo March 31. Guernsey competition saw Lay Laine Dairy Farms in Astatula dominating the champion's circle while H. H. Philamalee, Tampa, had both top Ayrshire winners.

Results of judging to first three places, with number of entries in each class shown in parentheses, are as follows:

**Guernseys**

- Bull calves (1) — Lay Laine Dairy Farms, Asta-
tula;
- Junior yearling bulls (1) — Lay Laine;
- Heifer calves (4) — Lay Laine; Bayou Vista Farms, Clearwater;
- Junior yearling heifers (6) — Lay Laine; Lay Laine; Bayou Vista;
- Senior yearling heifers (5) — Lay Laine; Lay Laine; Bayou Vista;
- Junior get of sire (3) — Lay Laine; Bayou Vista;
- Lay Laine; Two year old cows (6) — Bayou Vista; Lay Laine;
- Tom Casey, Clearwater;
- Three year old cows (5) — Lay Laine; Bayou Vista;
- Four year old cows (2) — Bayou Vista; Lay Laine;
- Lay Laine; Five year old cows (5) — Bayou Vista, Lay Laine;
- Bayou Vista;
- Dairy herd (2) — Bayou Vista; Lay Laine;
- Three females (2) — Lay Laine; Bayou Vista;
- Seniorget of sire (3) — Bayou Vista; Lay Laine;
- Lay Laine; Produce of dam (5) — Lay Laine; George and Joan Casey, Clearwater; Lay Laine.

**Ayrshires**

- Bull calves (2) — H. H. Philamalee, Tampa; W.
  L. Bennett, Jr., Tampa;
- Senior yearling bulls (1) — Philamalee;
- Bulls two years and over (1) — Philamalee;
- Heifer calves (4) — Philamalee; Philamalee; Phil-
amalee;
- Junior yearling heifers (1) — Philamalee;
- Senior yearling heifers (4) — Bennett; Bennett;
- Philamalee;
- Junior get of sire (1) — Philamalee;
- Two year old cows (2) — Philamalee; Philamalee;
- Three year old cows (1) — Philamalee;
- Four year old cows (2) — Philamalee; Philamalee;
- Five year old cows (1) — Bennett.

for May, 1965

85
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*By W.L. SIPPEL, V.M.D.*

**Florida Department of Agriculture**

**SPRINGTIME DISEASES** consist of "wasting-away disease", white muscle disease, several types of poisoning, blackleg, and the onset of the anaplasmosis season.

Anaplasmosis cases have not been very numerous in the past few years. This probably indicates a large number of young unsuscceptible cattle. Should we have a great number of horseself this year there is danger of an epidemic of anaplasmosis.

Much attention has been given to "wasting-away disease" in THE CATTLEMAN in the past. This appears to be a disease syndrome in which parasitism is the primary, if not the only, cause. During the past spring, cases received at the laboratory have all been caused by *Babesia* species. Other factors might possibly be involved - minor element deficiencies and insufficient feed intake. This latter point is sometimes difficult to get when yearling cattle are standing belly-deep in what appears to be a good pasture.

However, this forage might contain as much as 90 percent moisture, making it a physical impossibility for the yearlings to eat enough to maintain themselves. Brahman-type cattle have proved to be more susceptible to this condition, although other breeds have also been involved.

Information received recently from a soil analysis survey made by the USDA Plant Soil and Nutrition Laboratory at Ithaca, New York, indicates that central Florida is the largest selenium deficient area in the United States. The reason we have not seen more white muscle disease is not apparent, but it has been postulated that this may be due to the fact that our cattle receive green grazing much of the year and the vitamin E therein may inhibit the development of this condition. However, the disease has been found with rather high incidence in some herds where the cows were grazing excellent clover pastures.

This disease is readily prevented by selenium and/or vitamin E treatment. For details, consult your veterinarian.

Poisonings to be expected in May include senecio (butterweed) in south Florida and along the St. Johns River Valley and possibly elsewhere, oakbud poisoning, nightshade poisoning which is present nearly the year around but becomes more frequent in May, lantana poisoning and horse chestnut poisoning, which is seen in cattle grazing heavily fertilized pastures. Blackleg in unvaccinated calves becomes more frequent in May.
During March, new cases of vibrio infection in beef herds have continued to be discovered. A bacterin is now available for vaccinating cattle to help prevent this disease and the beef cattle raiser now has a practical program for dealing with vibriosis. Several outbreaks of enteritis in young calves, both beef and dairy, were presented during March. Prevention of this condition is largely a matter of management.

An interesting and unusual incident was several cases of eucalyptus poisoning in calves. These dairy animals were on a small improved pasture with no weeds in it. They were observed to be eating the leaves and bark of a eucalyptus tree and presented symptoms of prostration, nearly complete paralysis, pinpoint pupils and death. These symptoms are striking and characteristic of eucalyptus poisoning. The calves may be paralyzed for several days.

A chronic poor-doing Angus cow was found to have a very large abscess at the entrance to her chest which interfered with the passage of food and with breathing. Other routine conditions detected during the month have been pneumonia, salmonella infection, various tumors, copper deficiency, malignant edema, leptospirosis, parasitism (“wasting-away disease”) and virus diarrhea. Two cases of encephalitis of unknown cause were found. A hairless bull was examined for the presence of fungi, but found to be negative. The toxicology department is now providing a thyroid function test which was normal on this animal. The reason for the baldness was not determined.

Among horses, we continue to discover cases of infectious anemia. The effectiveness of the new preparations for worming horses has been amply demonstrated in the Ocala area where, on many farms, all horses are wormed every 28 days. This routine has kept these animals practically free of parasites. We are still culturing many mares for veterinarians who are attempting to clean them up for the breeding season. An additional case of eastern encephalitis was found in a horse. This emphasizes the necessity of prompt vaccination against this group of diseases.

Cases of ringworm are being found to be the cause of several types of “skin disease” seen in horses. The thyroid function test referred to above has run on several mares that were not coming in heat as desired at this time of year. Crotalaria poisoning, to which horses seem to be unusually susceptible, has been found in two more instances. The laboratory has received microscopic slides from Argentina for examination for infectious anemia. The disease has been newly recognized in some valuable animals in that country and they wanted confirmation of the diagnosis.

Pneumonia and salmonella infection have been the most frequent diagnoses in swine. One FFA sow was presented to the lab with acute gastric dilatation as a result of overeating on butter beans. No cholera was found during the month.

for May, 1965
Proposed Law Might Curb Imports

Whether we like the competition of imported meat or not, most Florida cattlemen realize that there is little more to be done about it, since the interests of the cattlemen collide with the official policies of the United States government.

Still, there remains the strong belief that this imported meat is not as well inspected as meat which is produced in the United States.

It’s the purpose of a new law, which will be introduced in the state legislature soon with endorsement of the Florida Cattlemen’s Association, to require labeling of beef that “has not been slaughtered and inspected according to standards established by either the government of the State of Florida or the United States.”

The labeling would extend to:
1) The carcass, which must be marked, stamped or described by the following words: “Slaughtered in” followed by the name of the state or country, and the words “Has not been slaughtered according to Federal or State standards;”
2) Cartons, cans and containers containing such meat, which must also be so labeled;
3) Advertising of such beef, which must also include these words, and a sign which must be displayed near the beef in retail markets when the stamping of individual cuts is impractical;
4) Restaurant menus and advertisements where such meat is being served to the public.

It’s in the Public Interest Regardless

As the preamble to the proposed bill points out, most of the public assumes that what it buys in the supermarkets and grocery stores is of the best quality, protected by both State and Federal health regulations. The new bill would make sure that the public is properly informed when it is offered beef which has been inspected with lesser degrees of care.

This is a constructive bill, of benefit to the entire public of Florida. We urge all cattlemen to contact their legislators in Tallahassee to urge its passage.

Nothing More on Trespass

The FCA Legislative Committee also considered asking for revision of the state’s trespass laws, but after studying the existing laws decided that the problem is one of enforcement, not legislation.

For the benefit of the cattleman who wants to know exactly what the present laws say, we are reproducing the portions which are most applicable to the cattleman in another part of this magazine.

It remains now for the cattle owner who has trespass problems (and who doesn’t?) to study the applicable statutes himself, see that his land is properly fenced and posted as required by law, and then seek the cooperation of his local sheriff in apprehending and prosecuting violators.

100% in Flagler – and a $3000 Reward!

Lyman Gage, the veteran state director of the Flagler County Cattlemen’s Association, told the directors of FCA recently that Flagler’s 68 members constitute 100% of the cattlemen in that country.

It is a real tribute to the leadership of that association that it has been able to secure such a universal endorsement from the people who own cattle. Cattlemen have historically been an independent lot, and there will always be a few “mavericks” who don’t want to join in a group effort.

At the same time, Flagler has boosted the reward for cattle theft to $3000 (of which the state association would pay its $500). The result so far, according to Gage, has been a marked reduction in evidences of theft.
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