In this issue:

Cattlemen’s Institute Draws Crowd

USDA Ends Vaccine Payments

Stocker, Feeder Sales Scheduled

Beef Council Votes $1800 to Push Stew
early weaning makes the difference...

with X-CEL GROW-N-SHOW PELLETS

Yes, you'll be able to see the difference when you follow the X-Cel early-weaning Calf Raising Program using the new Grow-N-Show ration formulated by Jackson Grain and Carnation-Albers Research Farms.

Early weaning means rapid rumen development and a healthier, more vigorous calf from the start. You not only save the time necessary for mixing liquid milk replacers but, with dairy calves, early weaning also makes possible the sale of more milk and eliminates the cost of a nurse cow.

The X-Cel Calf Raising Program with Grow-N-Show brings you all the advantages of the famous Calf Manna plan by combining in one feed the high quality grains and minerals needed by Florida calves for thrifty, sturdy growth with 25 per cent Calf Manna, the feed proven best for developing the maximum potential of dairy and beef calves.

Now, you no longer need to feed a calf-developing ration plus Calf Manna after weaning. X-Cel Grow-N-Show is a complete calf feed and the perfect method for following the early-weaning Calf Manna plan.

For beef calves, X-Cel Grow-N-Show is an excellent creep feed. It will supplement the dam's milk, plus providing grains for faster growth and earlier rumen development. And when X-Cel Grow-N-Show is used as a creep feed, the older calves will teach young calves to eat, helping them get off to a fast start.

With its 25 per cent Calf Manna content, Grow-N-Show is the ideal supplement to show cattle ration. It will add bloom and finish to your show cattle.

Get the story on Grow-N-Show and the X-Cel early-weaning program! See the difference for yourself!

Grow-N-Show is a superior feed for all farm animals

Jackson Grain Company
P. O. Box 1290
Tampa, Florida

Please send me a FREE copy of "Grow-N-Show ... A Better Way to Raise More Profitable Calves".

NAME

ADDRESS OR RFD

CITY OR TOWN STATE

Our 50th Year of Progress

X-CEL JACKSON GRAIN CO.
FEEDS SEEDS FERTILIZERS INSECTICIDES TAMPA, FLORIDA
BRUCELLOSIS IS AGAIN THE BIG NEWS... After FCA and the Livestock Board agreed to leave the test and slaughter program intact last Spring, but to leave it up to cattlemen in each county to petition for the program if they wanted it, it appeared that a practical and amicable solution had been reached. But a "key" in the solution was that calfhood vaccination would be stepped up in the range areas of south and central Florida so that any eventual test and slaughter program would cause a minimum of difficulties.

FEDERAL GOVERNMENT has now withdrawn its appropriation for paying the veterinarians for administering the vaccine, however. This appears to be largely a retaliatory measure against the cattlemen for their opposition to compulsory test and slaughter (see editorial on page 106, and article on page 24). President Adams and Past President Pearce talked with Senator Holland in Washington, and then with USDA officials, on August 19 to try to reverse this policy.

VACCINATE ANYWAY! Whether the government, or the cowman, pays the vet, FCA strongly urges all cattlemen to vaccinate their heifer calves this fall. The state is still providing the vaccine free of charge.

NEW SCREW WORM REGULATIONS have been issued by Florida Livestock Board in line with FCA's recommendations. (See August Cattlemen, resolution III, on page 26.) These prohibit entry of animals which have fresh wounds, if caused by routine operations such as castration, branding, etc. A shipment of freshly castrated bulls which traveled by rail and reached Florida before it was inspected caused the recommendation.

HERNANDO COUNTY may soon be affiliated with FCA. President Adams met with cattlemen in Brooksville recently, and organization is now proceeding. After Hernando affiliates, only unorganized county in peninsular Florida will be Monroe (it has no cows!). Other counties without FCA affiliates are: Duval, Union, Suwannee, Levy, Dixie, Madison, Jefferson, Gadsden, Wakulla, Jackson, Hamilton, Holmes, Walton, Okaloosa, Santa Rosa, Taylor and Escambia—though many cattlemen in these counties belong to associations in adjoining counties, as permitted by FCA. 48 are affiliated, 19 not.

ORGANIZING ALL FLORIDA is a continuing goal of FCA, and each county has one vote on its board of directors, regardless of cattle population on which assessment to FCA is based. If interested in a cattlemen's association in your county, contact the nearest man: Clyde Hart, New Smyrna Beach; Payne Midyette, Jr., Tallahassee; J. W. Lowrey, Panama City; W. R. Wainwright, Starke; Elbert Zetrouer, Micanopy. All are members of the "New County Units" Committee of FCA.

TRAVELS: Secretary June Gunn and Treasurer Elmo Griffin attended a recent meeting of the Hillsborough association, and the Beef Council meet in Lakeland in July. President Adams and Secretary Gunn went to the Florida Livestock Board meet in Orlando. Adams also went to Brooksville as told above, to the Cattlemen's Institute in Lake Placid, and to the Marion County Cattlemen's Association meeting (where convention plans were discussed) in Dunnellon August 14.

ABOUT THE CONVENTION: It's at Silver Springs and the headquarters will be in a plush, modern motel—the Shalimar—just across the street from the Springs entrance. Other modern motels are nearby. Louis Gilbreath is chairman for local arrangements, and is also arranging the speaking program for Florida Cattlemen's Association. Dates are October 27-29. See story on page 30 for details.
SEPTEMBER

Sept. 3—Florida Guernsey Sale—Orlando.
Sept. 5—Guimeters Sale—Paris, Tenn.
Sept. 6—Immokalee Rodeo—Immokalee.
Sept. 6—7-G’ville Q.H. Show—Gainesville.
Sept. 11—Jackson Stocker-Feeder Sale—G’ville.
Sept. 16—Highlands Feeder Sale—Arcadia.
Sept. 17—Leon Feeder Sale—Monticello.
Sept. 18—Angus Feeder Calf Sale—Gainesville.
Sept. 25—Hereford Feeder Sale—Gainesville.
Sept. 25—Southern Classic—Clearwater.
Sept. 26—Brahman Day—Kissimmee.

OCTOBER

Oct. 15—Hull Dobbs’ PI Dispersal—Wais, Miss.
Oct. 17—24—American Royal—Kansas City, Mo.
Oct. 19—Downhome Angus—Greenbrier, N.C.
Oct. 31—North Fla. Fair—Tallahassee.
Oct. 28—McClain Here, Sale—Greenbrier, Ala.

NOVEMBER

Nov. 2—Shorthorn Field Day—Clewisport.
Nov. 5—Florida Hereford Bull Sale—Webster.
Nov. 7—Beaver-Beefie Sale—Riverton, Wyo.
Nov. 12—21—Gruer Ax Fair—Jacksonville.
Nov. 24—25—Int. QH Show Chicago, Ill.

DECEMBER

Dec. 4—Duncan Here, Sale—Orangeburg, S.C.
Dec. 4, Jan. 1—Ponce de Leon Raceway—Bayard.

JANUARY

Jan. 9—Santa Fe Sunshine P.H. Sale—Alachua.
Jan. 14—Cow “A” World—McIntosh.
Jan. 19—All Breed Bull Sale—Ocala.

FEBRUARY

Feb. 10—Southern Classic—Thomasville, Ga.
Feb. 25—28—Orange Bowl Rodeo—Miami.

MARCH

March—Fla. Here, Sale—Daytona Beach.
Mar. 5—Circle A Here, Sale—Sanderson, Ga.
Mar. 14— Sarasota County Fair—Sarasota.

APRIL

April 21—23—UF Beef Short Course—Gainesville.
Apr. 30—Treasure Acres Angus—Blairstown, Ia.

MAY

May 11—13—Angus Conf.—College Station, Tex.

General News Report

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The Florida Cattlemen and Livestock Journal
September, 1959

Robert S. Cody

Editor

Executive Editor

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Advertising Office—Mrs. Jane Stanko, Mrs. Ruth H. Beers.
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The Cover for September 1959

A Cattlemen photographer caught this group of young registered Shorthorn heifers while visiting the Pargona Acres herd of Dr. H. D. Young of Leesburg.

The Florida Dairy Farmer

appear in The Cattlemen for APRIL, JUNE, SEPTEMBER, DECEMBER

Service Issues of

The Florida Cattlemen

for 1959-60

OCTOBER . Herefords—Feeds, Feeding
November . Aberdeen-Angus
December . Equipment
January . American Breeds
February . Florida Horses
March . Brahman
May . Forestry
June . Better Pasture
July . Better Bulls
August . Marketing
September . Dairy & Shorthorn

OFFICIAL PUBLICATION

Florida Cattlemen’s Association, Alto Adams, Jr., President, Fort Pierce
Florida Swine Producers Association, George E. Dryden, President, Miami
Florida Dairy Producers’ Federation, Robert G. MacKay, President, Geneva
Eastern Brahmans Association, G. A. Stack, President, Tampa
Eastern States Brangus Association, Don Newborn, President, Sarasota
Florida Hereford Association, Inc., John R. Cuthrell, President, Brooksville
Florida Aberdeen-Angus Association, Walter J. Williams, President, Lakeland
Florida Quarter Horse Association, Drew Massie, President, Polk City
Florida Santa Gertrudis Association, J. Arthur Pancost, President, Uleta
Florida Shorthorn Breeders Association, A. M. Lucas, President, Ocala
Florida Meat Packers Association, Ralph Gee, President
Florida Charolais & Charolais Association, T. M. Breit, President, Winter Garden
Florida Beef Council, Ledyard Wear, President, Lakeland

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1602 lbs.—And He Dressed 65%  

Look at the Record!  
Steer Born—April 24, 1957 
Slaughtered—July 26, 1959 
Live Weight—1602 Pounds 
Dressed Weight—1045 Pounds  

Dressing Percentage 65%  

Grade—High Good  
This was not a pampered "show" steer. He was on pasture with some supplemental feed until late June and on full feed for only 31 days prior to slaughter. He was fed and watered right up to the day of slaughter, with no shrinkage allowed. 

The U. S. Government Inspector at Hickory Hill Packing Plant, Tampa, where the steer was slaughtered, said this was the largest carcass he has ever inspected in Florida that graded A+. This is the kind of steer produced by Charolais-cross cattle. 

This Steer Was Sired by LINARGO 404  
Who weighs 2250 pounds  
Linargo consistently sires large, growthy calves. At a recent weighing Linargo's calves weighed an average of 600 at an average age of seven months. 

FOR RESULTS LIKE THIS—USE THE SILVER CATTLE WITH THE GOLDEN FUTURE  

FOR IMMEDIATE SALE  
50 head of excellent Charolais-Cross range cattle, all bred to Charolais bulls. This is a young herd, with all cows from 3 to 4 years old. 
40 head of Charolais-Cross steers weighing from 600 to 1000 pounds. 

D S RANCH  
D. A. SALLS • W. A. SALLS  
PHONE 34-8684 or 38-2103  
CLEARWATER, FLORIDA  
REGISTERED CHAROLAIS AND CHARBRAY CATTLE  

Humberto PH 80  
Weight 2760
Editor's Desk

Questionnaires Elicit Varied Responses!

Tallahassee

Your letter of the 27th with request that I fill out the enclosed questionnaire and return to you promptly was received on this date.

In replying ... will state that I was raised on a farm and orange grove and cattle ranch at Bushnell, and have owned cattle on a small scale and a farm for a number of years afterwards, but for more than 30 years I have been a justice of the Supreme Court, and at your kindness I have received THE FLORIDA CATTLEMAN for several years and have read every issue with interest.

It is a splendid publication and I have enjoyed it (even though) I have not for years been engaged in any sort of farming or ranching business ...

Glenn Terrell, Justice Supreme Court of Florida

Questionnaires were mailed to every other name on the FLORIDA CATTLEMAN list in Florida. As of deadline time, 360 completed questionnaires had been received in reply—a better than 10 percent response already for which your editors are deeply grateful, as this information is of great help in helping us “know our readers.” Justice Terrell, plus other Supreme Court justices, political leaders, legislators, county agents, vo-ag departments and newspapers receive THE CATTLEMAN through the courtesy of the Florida Cattlemen’s Association, which purchases subscriptions for them at bulk rate. Below are other personal replies received:

... I did not want to show any lack of appreciation for receiving THE FLORIDA CATTLEMAN by ignoring your questionnaire; however, as I receive a subscription because of my office ... and not because I am in the cattle business, much of the questionnaire would not be applicable to me at all.

Therefore I would like to express my appreciation for THE CATTLEMAN, and

TRACTOR SHOVEL ... by Allis-Chalmers is illustrated ... this photo. Shovel has one and a half yard curved-bottom bucket and is mounted on HD-6G tractor.

Latest Statistics

Screwworm Report (from FLB, USDA) ...

<table>
<thead>
<tr>
<th>Week</th>
<th>Flies Released</th>
<th>Flown</th>
<th>Hours Flown</th>
<th>Sq. Mi. Covered</th>
<th>Cases S.</th>
<th>Cases N.</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 18 42,612,200 65 408 64,200 0 0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>July 25 41,625,800 67 413 64,200 0 0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>August 1 35,983,800 53 359 54,200 0 0</td>
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<tr>
<td>August 8 29,573,000 51 310 54,200 0 0</td>
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<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
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Commercial Slaughter and Average Weight (USDA) ...

<table>
<thead>
<tr>
<th>Cattle</th>
<th>Calves</th>
<th>Swine</th>
<th>Sheep</th>
</tr>
</thead>
<tbody>
<tr>
<td>M Head</td>
<td>Lbs.</td>
<td>M Head</td>
<td>Lbs.</td>
</tr>
<tr>
<td>June 1959 (Fla.)</td>
<td>23.4</td>
<td>876</td>
<td>6.5</td>
</tr>
<tr>
<td>June 1958 (Fla.)</td>
<td>27.5</td>
<td>794</td>
<td>13.1</td>
</tr>
<tr>
<td>June 1959 (U.S.)</td>
<td>193.1</td>
<td>105</td>
<td>585.0</td>
</tr>
<tr>
<td>June 1958 (U.S.)</td>
<td>1986.7</td>
<td>970</td>
<td>701.0</td>
</tr>
</tbody>
</table>

Slaughter Under State Inspection, Head (FLB) ...

<table>
<thead>
<tr>
<th>Cattle</th>
<th>Calves</th>
<th>Swine</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1959</td>
<td>13,090</td>
<td>4,531</td>
</tr>
<tr>
<td>July 1958</td>
<td>18,766</td>
<td>5,320</td>
</tr>
</tbody>
</table>

Livestock Prices Per Hundred (USDA) ...

<table>
<thead>
<tr>
<th>Cattle</th>
<th>Calves</th>
<th>Swine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Florida, July 15, 1959</td>
<td>$19.60</td>
<td>$26.30</td>
</tr>
<tr>
<td>Florida, June 15, 1959</td>
<td>20.20</td>
<td>.30</td>
</tr>
<tr>
<td>Florida, July 15, 1958</td>
<td>23.00</td>
<td>.30</td>
</tr>
<tr>
<td>U. S. June 15, 1959</td>
<td>28.60</td>
<td>.30</td>
</tr>
</tbody>
</table>

Calf Crop Report, July 1959 (USDA) ...

<table>
<thead>
<tr>
<th>Cattle</th>
<th>Calves born</th>
<th>Calf Crop Pecent</th>
</tr>
</thead>
<tbody>
<tr>
<td>M Cows, 2 and over</td>
<td>U. S.</td>
<td>S. E.</td>
</tr>
<tr>
<td>10-yr. av. 1948-57</td>
<td>861</td>
<td>44,832</td>
</tr>
<tr>
<td>1958</td>
<td>1038</td>
<td>46,520</td>
</tr>
<tr>
<td>1959</td>
<td>1099</td>
<td>47,190</td>
</tr>
</tbody>
</table>
The Key

The Bloom Crop, May 15th. Clover with 24” to 30” growth

To Bigger Livestock Profits
To Greater Seed Sales

WHAT IS THE KEY TO MORE BEEF PER ACRE? This has been the foremost question in the minds of progressive farmers for years. AND NOW WE ARE PRESENTING TO YOU OUR ANSWER. Everyone agrees that the key to livestock profits lies in better pastures. We say that the clover here illustrated is that key to better pastures AND to bigger livestock profits. NOLIN’S IMPROVED LOUISIANA WHITE CLOVER is a selection from the White Clover. We set out to build a clover that would stay with our grasses around the calendar. WE NOW HAVE THAT CLOVER. It has reduced our fertilizer costs on companion grass, eliminated our wintering problems, and increased our carrying capacity. NOLIN’S IMPROVED LOUISIANA WHITE CLOVER was developed IN THE FIELD and UNDER GRAZING. It has been grown successfully throughout the South for SEVEN years. We now offer you the opportunity to share in its use.

Contact Your Local Seed Store

FLORIDA SEED AND FEED COMPANY
(Wholesale Only)
OCALA, FLORIDA
Here's what happens to SULMET and other sulfas after 24 hours

SULMET stays in the animal's system longer to give complete full-strength treatment with less frequent dosage — usually one dose is sufficient.

Tests show that SULMET® is not as rapidly excreted as other sulfas. It stays in the animal's system for longer, stronger action for thorough, complete treatment. Once-a-day dosage is effective. This is a great advantage on the basis of both successful treatment and economy.

And SULMET fights more diseases, and does it better, than any other sulfa or combination of sulfas. This has been proved in thousands of clinical trials under actual farm conditions.

The bacteria usually responsible for scours, shipping fever, pneumonia, mastitis, metritis, pinkeye, lumpy jaw, calf diphtheria, septicemias, localized infections and foot rot...all are susceptible to SULMET.

Mixed infections, too...as in many cases of scours and shipping fever.

That's because SULMET is bacteriostatic against streptococci, staphylococci, Pasteurella sp., E. coli, A. necrophorus and many other disease-causing organisms.

And in tests, SULMET established higher blood levels than other sulfa drugs. This means better action, faster action against disease. SULMET goes to work fast. The full strength of the dose gets right into the system for the most effective attack against disease organisms.

Another important advantage of SULMET is the fact that you can treat individually or mass-treat with equal ease and success.

This all-important combination of essential features is found in no other single sulfa.

Get SULMET Drinking Water Solution, OBLETS® or Injectable from your veterinarian, druggist or feed dealer. American Cyanamid Company, Agricultural Division, New York 20, N.Y.

SULMET gives you
3 exclusive advantages
1. Fast, effective blood levels
2. Wider bacterial range
✓ 3. Longer, stronger action

Add that I regularly glance through the magazine and read some articles.

John A. Sutton, State Senator
Brooksville

Your questionnaire is not enclosed for the reason that we regard the data requested our own private affairs, however good your intentions may be. Believing in "rugged individualism" we are inclined to stand on our own feet, and alone.

Nevertheless, we think you are doing a good job with THE FLORIDA CATTLEMAN magazine, and we have only kind thoughts of you personally.

Should you...pay us a visit sometime...I shall be glad, personally, to show you our ranch and tell you something of our plans, verbally...

Clyde E. Lockhart
Lock Collum Ranch
(Town Not Given)

I think it is a good idea for you to publish the magazine and let the rancher run the ranch. Let each man run his own business.

(Name Not Signed)

*For these and others who may have thought our questions too "personal," our apologies (though it is quite true that such information is needed to "publish the magazine" most intelligently). Incidentally, a partially completed questionnaire is acceptable for those wishing to omit answering some of the more detailed queries.

About Buying A Subscription...

Enclosed is my $2 for "Four Centuries of Florida Ranching."...You asked in your letter if I had seen THE CATTLEMAN...The first copy I'd seen was last night at a friend's house who is a member of the cattlemen's association. I liked it so much, I asked him if I...
Another **DIESEL** joins the John Deere line

The "435" Diesel with a 416A Moldboard Plow.

**NEW 435 DIESEL** excels in **Speedy Pickup, Thrifty Go**

Designed especially for speed and thrift while working with drawn, 3-point and power-driven tools, the John Deere "435" Diesel is an outstanding performer for all row-crop and utility jobs.

Powered by an ultra-thrifty, electric-starting General Motors 2-cylinder, 2-cycle Diesel engine, the "435" readily pulls three 16-inch plow bottoms in most soils. With the sturdy 5-speed transmission, it provides working speeds of 1-7/8 to 7 mph... 12 per cent faster speeds than John Deere 2-3 plow gasoline tractors.

Regular equipment includes a sturdy 3-point hitch with exclusive Load-and-Depth Control, easy-working Touch-o-matic hydraulic control, 4-speed transmission, 560 rpm transmission-driven PTO, adjustable front axle, swinging drawbar, and a coil-spring cushioned, adjustable seat with back rest. Optional features include a 5-speed transmission, 560 or 1000 rpm continuous-running PTO, "swept back" front axle, electric lighting, fenders and the Float-Ride Seat. Ask your dealer to demonstrate a "435" Diesel soon.

Economy pacemakers for big acreages...

**5-PLOW 730 DIESEL** and **6-PLOW 830 DIESEL**

Farmers and ranchers have learned from experience that they can depend upon John Deere Diesel Tractor Power to hold costs down, and the "435" is no exception. It joins the already famous "730" Standard and Row-Crop Diesels and the big-capacity "830" Diesel in providing rugged farm power that offers peak fuel economy, rock-bottom maintenance costs and years of dependable service. This "730" Row-Crop Diesel does excellent work with a 666H 5-bottom moldboard plow under most soil conditions.

**JOHN DEERE**

"WHEREVER CROPS GROW, THERE'S A GROWING DEMAND FOR JOHN DEERE FARM EQUIPMENT"

SEND FOR FREE LITERATURE

JOHN DEERE COMPANY, Chamblee, Ga.

Please send me further information on the "435" Diesel □ "730" Row-Crop Diesel □ "730" Standard Diesel □ "830" Diesel □ Moldboard Plows □ John Deere Credit Plan.

Name ____________________________ □ Student

Rural Route ___________ Box ______

Town ____________________________

State ___________
The First Reports From Florida Cattlemen
On New ‘PERMACO’ COBALT BULLETS

Kissimmee, Fla.—In the few weeks since ‘PERMACO’ Cobalt Bullets have been introduced, cattlemen throughout Florida have been quick to begin using this new method of cobalt supplementation to eliminate the serious problem of cobalt deficiency in their herds. The following are the first reports received from just three of the many cattlemen in the state who are achieving excellent results.

**Will Use Cobalt Bullets On All Calves**

“We used cobalt bullets on 25 calves at three months of age. As a result of the continuous supply of cobalt we have seen a marked improvement in the animals over and above their normal development. Their appetites are good, condition of the coats first class, and they have improved in general growth and thriftiness. It is our intention to use ‘PERMACO’ cobalt bullets on all calves in the future.”

GEORGE BURROUGHS
Flying G Dairy, Okeechobee, Fla.

**Cobalt Bullets Improve Appetites, Coats, and Weight Gains**

“I had 25 heifer yearlings which were sick. The Vets were unable to diagnose the trouble and in fact a few heifers died. I decided to use Permaco Cobalt Bullets and the results have been most encouraging. It is 5 weeks since the animals were given the bullets and already there are noticeable signs of improvement. More alertness and improved appetites are apparent, together with a generally improved coat. Weight gains have been achieved. It is my intention to make further use of Permaco Cobalt Bullet. I attribute this improved condition to the use of Cobalt Bullets.”

DAVID WALDRON
Flying B Ranch, Okeechobee, Fla.

**Sick Yearlings Show Great Improvement**

“I wish to let you know that I gave Permaco Cobalt Bullets to 15 sick steer yearlings. In six weeks I have seen a great improvement in their general condition. I am sure that this is due to the Permaco Bullet, and have great faith in them. I shall be glad to give you further information at a later date.”

CLEVELAND BONEY
Bar C Ranch, Sebring

---

**‘PERMACO’ COBALT BULLETS**

Can Be Obtained From Your Veterinarian Or These Suppliers

<table>
<thead>
<tr>
<th>Supplier</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alachua</td>
<td>Alachua Milling Co.</td>
</tr>
<tr>
<td>Arcadia</td>
<td>Arcadia X-Cel Store</td>
</tr>
<tr>
<td>Bartow</td>
<td>Koch’s Drug Store</td>
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<tr>
<td>Belle Glade</td>
<td>Glades Feed &amp; Supply</td>
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<tr>
<td>Bradenton</td>
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<tr>
<td>Chiefland</td>
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<tr>
<td>Clermont</td>
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<tr>
<td>Clewiston</td>
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<td>Dade City</td>
<td>Pasco Farm &amp; Ranch Supply</td>
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<td>Eustis</td>
<td>W. M. Igu</td>
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<td>A.B.C. Feed &amp; Western Wear, Inc.</td>
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<td>Ft. Meade X-Cel Store</td>
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<td>Buck Huber’s Feed &amp; Saddlery</td>
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<td>Farm Supply Headquarters</td>
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<td>Kissimmee</td>
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<td>Merle G. Davis</td>
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<td>Lake City</td>
<td>Wades-Persons</td>
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<td>Hoffman &amp; Gilmore</td>
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<td>Murdock</td>
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<td>Okeechobee</td>
<td>Robinson’s Feed</td>
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<td>Perry</td>
<td>Taylor County Farm &amp; Livestock Ass’n</td>
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<td>Sebring Feed Store</td>
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<td>Trenton</td>
<td>A &amp; J Farmers Service</td>
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<tr>
<td>Patterson</td>
<td>Patterson Milling Co.</td>
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If your Regular Supplier Doesn’t Have ‘PERMACO’ COBALT BULLETS, He Can Obtain Them Through The Following Jobbers

Florida Seed and Feed Company, Ocala — Hector Supply Company, Deerfield Beach
Jackson Grain Company, Tampa — Fowlledge Feed and Supply Company, Marianna
Walter Harrison Veterinary Supplies, Miami
End "Hidden Hunger" In Your Cattle . . . One Dose Increases Beef Gains 10% to 22%!

new COBALT BULLET ASSURES MAXIMUM WEIGHT GAINS—HEALTHIER CATTLE

It's a fact—as many as 9 out of 10 cattle in Florida are suffering from "Hidden Hunger" due to lack of cobalt! One sick or unthrifty animal in your herd usually indicates that your entire herd is suffering from cobalt insufficiency. These borderline or "unapparent" cases can seriously reduce beef production—and reduce your profits! But a single 'PERMACO' Cobalt Bullet per head provides a DAILY cobalt supply for a FULL YEAR! Even in areas where beef fattening has never been a problem, 'PERMACO' Cobalt Bullets can give you a minimum of 10% to 22% INCREASED beef gains . . . and that means 10% to 22% more PROFIT!

One dose produced these results in controlled trials!

In this trial on 14 cattle, the total extra weight gain of 924 lbs. was the equivalent of gaining an extra animal in this small herd.

'Regular trials were also conducted on dairy cattle with equally successful results. One 'PERMACO' Cobalt Bullet per animal increased milk and butterfat production up to 26%.

Right NOW . . . At Round Up . . . Get Rid of Your Cobalt Problem!

Drenching alone is not enough to reduce unthriftiness. Mineralized drenches or cobalt drenches must be given twice a week to provide sufficient cobalt. But with the Cobalt Bullet, one dose and you can forget about your cobalt problem for 12 months. At your next handling, bullet your animals at the same time you drench them. Remember—the cobalt problem increases when cattle are on winter pasture and feed. So give them a FULL YEAR's supply with a single dose of "PERMACO" Cobalt Bullets. Order Cobalt Bullets from your veterinarian or usual supplier TODAY!

Sold Exclusively in U.S.A. By WM. COOPER & NEPHEWS, INC. 1909 N. Clifton Ave., Chicago 14, Illinois
Raise grass to the high-profit level with PASTURGRO

prove to yourself that

3 ACRES CAN PROFIT LIKE 4

Pasturgro is the plant food made especially for grass and grass-legume mixtures. It's produced right here in Florida for our soils and weather conditions. And Pasturgro is made by Swift's exclusive Flo-Fusion process which chemically-hitches all elements. There's balanced fertility in every particle.

This year prove to yourself how easy it is to make three acres profit like four with Pasturgro.

GROWERS' ADVISORY SERVICE
Swift's trained Growers' Advisory Representative will analyze your soil and help you work out your production problems. There is no charge for this extra Swift Service.

SPECIAL BULK DELIVERY
Save on bags and handling with our self-unloading bulk transports. They will bring Pasturgro right to your field and unload it into your distributing equipment.

TYPHOON II... (see story) is a 3/8 scale model tractor Ford is exhibiting at midwestern super markets. (Sorry, you can't buy one—but it may be an accurate prophecy of things to come!)

entire CATTLEMAN staff have always been most cooperative and helpful to us over the years, and we have appreciated it very much.

I would like you to please cancel our little ad in THE CATTLEMAN effective with the October issue... I hope to be a part of the Angus family for some time to come as it has been a big part of our life for a number of years, and I'll probably turn up at most of the shows and sales in Florida.

Mrs. Ruby C. Isherwood

It's been a pleasure to be associated with the Isherwoods, who have advertised in THE CATTLEMAN every issue since November 1947!

New: Ford Studies Streamlined Tractor Model—Typhoon II

WHAT the tractor of the future may look like (with suggestions of novel working features too) is illustrated by Ford's "Typhoon II" (picture above), 3/8 full-size model which is touring the midwest as part of Florida Motor Company's "Design for Country Living" road show.

"Virtually everything for the farmer's comfort and efficiency, from television to weather forecasting, has been designed into the colorful red and silver model," Ford reports. As shown above, the tractor follows the pattern set by passenger cars in transferring comfort features from the home into the vehicle.

Typhoon II (if built full-size) would have these new features: magnetic hitch for rear-mounting implements, two-way telephone, heating, air-conditioning, radio speaker, hydraulic power to turn all four wheels independently (and for adjusting the distance between wheels and increasing the clearance under the tractor), television screen, and the like.

P.S.—Ford's Tractor and Implement Division has no plans to market Typhoon II at present!

Bill Nelson Elected International Key Club Head!

A MELBOURNE youngster who has been
with **SHIPPING FEVER** the proof is in **TRILAFON**

Only a few cc. of TRILAFON—one preshipment injection—halts shipping fever before it starts and saves untold $$ in extra medical care, lengthened feeding time and death losses. The same injection reduces normally expected shrink by 50%. At the feedlot TRILAFON helps livestock adjust quickly to new surroundings, retain appetites and go to finish faster.

TRILAFON,® brand of perphenazine.

SCHERING CORPORATION • BLOOMFIELD, NEW JERSEY

"an ounce of prevention is worth a pound of cure"
INTERNATIONAL... presidency of Key Club has been won by Bill Nelson of Melbourne, pictured above with his mother and Santa Gertrudis heifer. The youngest SG breeder in the state, Nelson (see story) has been prominent in 4-H work for several years.

extremely active in 4-H work and won the Florida Cattlemen's Association 4-H Beef Breeders' Award in 1958, is the new president of Key Club International, the Kiwanis youth affiliate (photo above.) Bill Nelson, 16, was elected to the position at the group's convention in Toronto, Ontario, Canada, on July 4, according to announcement from John L. McGehee, public relations director for Kiwanis International.

The Key Clubs are high school service organizations, similar to their counterparts for adults.

In addition to his cattle honors (young Nelson owns his own herd of purebred Santa Gertrudis), Nelson has earned many other honors during his scholastic career. He's a member of the National Honor Society, maintaining the highest grade average at Melbourne High School in both his freshman and sophomore years. He won this year's State Public Speaking contest, is serving this year as vice president of the Florida 4-H Council, of which he was treasurer during the past year. He plays basketball, football and baseball for Melbourne High.

Mass-Production Pork Illustrated by New System

FROM FARROW to finish (birth to market) in the same pen is the basic idea of Chore-Boy Manufacturing Company's new Porkorium, developed in conjunction with a midwestern swine raiser (see photo on next page).

With room for 24 sows (plus the litters), the Porkorium is a 32x96 foot insulated prefab building, with each of the 24 pens having galvanized steel walls and self-draining concrete floors, says Chore Boy.

Self-feeders in the pens are automatically filled by auger from a center supply, and each pen has an automatic watering device, with the entire building pressure ventilated.

Sows are removed after weaning--but...
Greatest tractor advance since Hydraulics!

FORD SELECT-O-SPEED

Now! Shift anytime on-the-go.

Look what Select-O-Speed does for you...

Avoid engine over-loads and stalls—Since you can quickly change tractor speed and power to match the job at hand, you can easily avoid overloading the engine or stalling out.

Reduce engine wear—There's no need to lug down on tough pulls. This easy to operate Select-O-Speed lever changes to the gear ratio you want hydraulically.

Wide range of gears—10 speeds forward, plus 2 in reverse. Snap shift up or down. Save time by always moving in the fastest practical gear.

Save on fuel bills—Tractor engine can always be operated at most efficient, fuel saving speed.

Save on tires—Using proper pulling gear reduces wheel slippage...cuts tire wear.

Safe Parking—Put Selector lever in "park" position and tractor can't move—whether engine is running or not. Eliminates setting brakes.

Constant mesh gears—Impossible to clash Select-O-Speed gears! They wear longer because they cannot be damaged by clashing or grinding.

Always in solid gear drive—There's no fluid coupling, no torque converter, no fuel-wasting slippage. More engine power goes as pulling power. And you have positive control of tractor ground speeds at all times.

Independent PTO—Engage or disengage on-the-go. Handy push-pull handle is on the dash where it belongs. Change ground speeds with Select-O-Speed while PTO stays at engine speed. It saves the cost of a separate engine on most harvesting equipment.

Built-in Ford quality—Designed to provide dependable, money-saving performance. Easiest shifting tractor in the world...try one and see! Get a demonstration from your nearby Ford tractor and implement dealer. Ask about liberal terms.

NO SHIFT LEVER IN THE WAY

Operator convenience reaches a new high. Ford tractors are easier than ever to get on and off. Drive a Select-O-Speed tractor and be less tired at the end of the day! Get more done, too!

Shift to any speed on the go!
Today most cattle have worms. Even those that look “sound as a dollar” likely have a sprinkling of these internal parasites. Here’s where the trouble comes… not enough worms to show, but plenty to keep cattle from making the high dollar for you. Worming cattle isn’t the ordeal it once was. A single feeding does the job when you use a modern, in-feed worming agent.

Cattle worming… easy and inexpensive with Purina Cattle and Sheep Wormer Concentrate

The Payoff. Cattle worming has paid a big dividend in many public demonstrations across the country. In these tests, part of the steers were wormed and marked, their lot mates left as controls. Even on short feeding periods, the 26¢ per-head worming cost returned $2.78 at Fremont, Nebraska; $4.64 at Nyssa, Oregon; $1.31 at Norfolk, Nebraska; and so forth. The difference may be hard to see, but easy to pocket.

No Trouble at All. With Purina Cattle and Sheep Wormer Concentrate, you just mix the right amount of wormer with a single feeding of your regular ration. Cattle eat it readily because Purina has flavored it just enough to cover the phenothiazine taste. The label carries a handy chart on how much to use for various sizes of cattle. This is the right time of year for worming. See your Purina Dealer.

RALSTON PURINA COMPANY
St. Louis 2, Missouri

YOU CAN DEPEND ON PURINA QUALITY HEALTH AIDS
September is the time to develop plans for wintering cattle, providing quality spring pasture for the '60 calf crop, and for weaning, wintering and fattening yearlings.

This year, Ideal 10-10-10 Granular can be an important part of your program. It's easy-flowing, even-flowing, which makes it more economical to apply. Each granule contains the complete fertilizer to assure uniform feeding.

Wilson & Toomer has had valuable experience in developing individual pasture programs. Ideal quality fertilizers have been depended upon for more than 65 years. So, contact your W&T Representative now. He'll help you plan your program for maximum quality and production.
Announcing...

HECTOR'S NEW
Highly Palatable Copper Mineral

Especially compounded for cattle on South Florida muckland soils

The perfect mineral formula can do your cattle no good if they refuse to eat it. Now Hector's, with 44 years of experience in producing the right kind of feeds and minerals for South Florida, has produced a highly palatable Cooper Mineral—a mineral especially compounded to end copper deficiency in cattle on South Florida's muckland pastures.

There is no substitute for experience. Let us bring you the exacting formulas with the know-how nutritional balance, vitamins, base and trace minerals to fit your needs—whether you're on sand or muck.

More Than Ever

HECTOR'S
SOUTH FLORIDA FEEDS AND MINERALS
PUT YOUR CATTLE TO WORK FOR YOU

To Better Serve...

Our modern mill at Deerfield Beach means that Hector is able to provide the fastest, most efficient, most dependable service on feeds, minerals and supplements in South Florida.

But to expand that service, we have opened a Branch Warehouse in Okeechobee to serve the lake areas even better. A call to either the Deerfield Beach Mill or the Okeechobee Warehouse will bring fast, efficient service on feeds and minerals made especially for South Florida.

Distributors For...

Nicholas "PERMACO" Cobalt Bullets

End "Hidden Hunger" in your cattle. Use Permaco Cobalt Bullets, the only one-dosage way to supply cobalt continuously, assure maximum weight gains, healthier cattle.

HECTOR FEED MILLS
Deerfield Beach, Florida
Phones: Boca Raton 4190-4187

"Makers of Ultra-Life Fortified Feeds and Minerals"

OKEECHOBEE
BRANCH WAREHOUSE
Phone RO 6-1181
NOW IT'S HISTORY

In 1939, Cottonseed Meal Was New!

Feeding cottonseed meal to beef cattle was strongly urged in an article in the September 1939 Florida Cattleman... Northern Redtop (not Natal hay) was being recommended by the experimental station for winter grazing... A sale of Polled Hereford bulls and cows, and Angus bulls, was announced for September 27—and the sale had the endorsement of the University, Department of Agriculture, and other agencies.

In 1944, Some Rationing Went Off

Rationing was ended on beef not grading Commercial, Good or Choice, and The Cattleman for September 1944 applauded editorially... Henry O. Partin was the newly elected Brahman association president (and the Brahman breeders were the first beef breed group to organize)... Capital gains were recognized by the government on breeding animals, a big assist to cattlemen income-tax-wise... Arcadia was planning its cattle show to be held in mid-October... Kingan had opened its plant on August 14 at Bartow.

1949 Saw Flood Control Launched

A big editorial "spread" in the September 1949 Cattleman reported the Central and South Florida Flood Control District getting underway, with W. Turner Wallis as chief engineer... Tampa interests were again pushing to raise money for a Union Stockyards there... Ocala was holding its 11th annual fat hog and all-breed swine show... And Brahman breeders were holding a Centennial in Charleston, South Carolina... The State Fair split its dairy and beef shows, one week for each, for the first time.

1954—"Eat More Beef" Stickers!

15,000 "Eat More Beef" stickers were distributed in the September 1954 Cattleman—two to each copy, in cooperation with FCA... Slaughter under state inspection during the second quarter of 1954 was 100 percent over the same period in 1952, a testimonial to the effectiveness of the beef-selling efforts... Rainfall in the Kissimmee Valley was nearly 35 inches more than normal during 1953, the Army Engineers reported.

Hi Folks!

First calves by Curtis Hughes Kinlochian 9872nd will cut a wide swath in Angus shows this fall. This is a real top breeding bull.

A leading Miami meat packer reports 37% loss of livers from fluke infestation, with anticipated loss from individual herds very predictable. Buyers allow for this anticipated loss, so lack of fluke control in your herd is an expensive luxury.

Atlantic Insurance welcomes A. C. Hooker and grandson Dick Hooker to South Florida's cattle fraternity. Also, best wishes to Joe Sutherland and Bill Richards on their newly amalgamated Knollwood Angus herd.

You should see the Hereford bulls that Dave Young, manager at Braewood Ranch in Pahokee, is using on his commercial herd. Size and scale to burn with plenty of quality. He is offering 5 of them for sale, also—W. G. Hull, at Pahokee is clearing 3 new sections of muckland to expand his cattle operation. The low overhead in this high quality operation makes this an excellent source of good purebred Herefords at realistic prices.

We are over-due for a hurricane. There can be no doubt about it. Be sure you are properly protected by requesting a complete underwriting survey of your operation from us NOW. It is the only way to be sure.

Mac

William McGregor, Manager
Ranch and Livestock Division

Atlantic Insurance Underwriters
Ranch & Livestock Division

For September, 1959

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We are over-due for a hurricane. There can be no doubt about it. Be sure you are properly protected by requesting a complete underwriting survey of your operation from us NOW. It is the only way to be sure.

The following cattle are listed for sale as a service to our customers. Further information can be gotten by writing us, specifying lot numbers that interest you.

<table>
<thead>
<tr>
<th>Lot No.</th>
<th>Description</th>
<th>Age</th>
<th>Weight</th>
<th>Price</th>
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<tbody>
<tr>
<td>52SG1</td>
<td>6 mo-1400</td>
<td></td>
<td></td>
<td>$1200</td>
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<tr>
<td>53SG2</td>
<td>6 mo-1400</td>
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<td></td>
<td>800ea</td>
</tr>
<tr>
<td>62H35</td>
<td>6-8 mo</td>
<td></td>
<td>2000ea</td>
<td></td>
</tr>
<tr>
<td>101A2</td>
<td>4 yr-1300</td>
<td></td>
<td>600ea</td>
<td></td>
</tr>
<tr>
<td>102A10</td>
<td>18 mo-750</td>
<td></td>
<td>450ea</td>
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</tbody>
</table>

We also carry a similar listing for commercial stocker cattle. Please advise us if you'd like to receive this listing regularly.

for September, 1959

Atlantic Insurance Underwriters
Ranch & Livestock Division

Telephone 10 Gran 4-9613

19 P.O. BOX 7005, FORT LAUDERDALE, FLA.
The Agrico Difference...

Personal recommendations

RESULTS PROVE THE AGRICO DIFFERENCE

<table>
<thead>
<tr>
<th>Crop</th>
<th>Number of Demonstrations</th>
<th>Average Yield Increase From Agrico Program Over Other Fertilizer Programs</th>
<th>Average Extra Profit per acre Returned From Agrico Program</th>
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<tr>
<td>Corn for Grain</td>
<td>71</td>
<td>14.4 bushels</td>
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<tr>
<td>Corn for Silage</td>
<td>6</td>
<td>2 1/2 tons</td>
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<tr>
<td>Wheat</td>
<td>61</td>
<td>8 1/2 bushels</td>
<td>$8.56</td>
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<tr>
<td>Oats</td>
<td>23</td>
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<tr>
<td>Potatoes</td>
<td>6</td>
<td>48.6 bushels</td>
<td>$66.28</td>
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<tr>
<td>Barley</td>
<td>2</td>
<td>20.1 bushels</td>
<td>$17.42</td>
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<tr>
<td>Tobacco</td>
<td>2</td>
<td>161 pounds</td>
<td>$81.31</td>
</tr>
<tr>
<td>Hay &amp; Alfalfa*</td>
<td>91</td>
<td>1,567 pounds</td>
<td>$6.36</td>
</tr>
</tbody>
</table>

*Based on one cutting. Results of two years' field demonstrations, run with the cooperation of farmers, on their own land, under normal conditions.
take the guesswork out of fertilizer results

How Agrico can help you plan a sound fertilizer program for your farm ... to assure you the highest return on your investment

Your own fertilizer program starts with you ... on your farm. At your request, an Agrico trained fieldman—most are agricultural college graduates—will come out to your farm. First, he'll take an adequate number of borings for a representative soil sample. He'll note soil drainage and type, field location, size and topography. Then he'll obtain a comprehensive cropping history of your fields.

At one of Agrico's modern Soil Service laboratories, highly-skilled soil chemists analyze your soil for plant food content and pH.

Next, Agrico's experienced agronomists personally study your cropping history and the laboratory test results. Finally, they make sound, sensible recommendations on how and when you should fertilize and lime for best results. You'll receive a complete, detailed report of their recommendations ... along with other valuable, timely management guides for you to follow.

Best results come only when you use Agrico fertilizers at the recommended rates and analyses. Unlike general-purpose or utility fertilizers, each of Agrico's more than 360 different formulations meets a particular set of specific requirements. And each one is based on over 24 years of research, more than 707,000 soil samples, and hundreds of practical field demonstrations on farms like your own. What an Agrico Difference!

It costs only a few cents more per acre to get the Agrico Difference. But the results—higher crop yields and extra profits—are worth every penny. Right now, before you start drilling your Fall crops, is the best time to start your Agrico Program. See your nearby Agrico Dealer right away.

After a representative sample of your soil is taken by your local Agrico fieldman, highly-skilled Agrico soil chemists carefully analyze it for plant food content and pH level.

Based on field cropping history and soil test results, Agrico agronomists make sound, sensible recommendations to fit your individual soil, crop and management requirements.

Best returns come only when you follow the recommendations exactly, using the Agrico fertilizers specially formulated to give you best results on your farm.

AGRICO
THE AMERICAN AGRICULTURAL CHEMICAL CO.
Pierce and Pensacola, Florida
OUTLOOK, Pasture, Topics Of Cattlemen's Institute

Attendance exceeds 200 as cattlemen gather to hear latest information at extension service sponsored affair

The price outlook, pasture growing and pasture management were the topics discussed by 20 speakers at the 1959 Cattlemen's Institute held at 4-H Camp Cloverleaf near Lake Placid on August 13.

This was the sixth annual Institute, sponsored by the Agricultural Extension Service to provide timely and practical tips on Florida beef production for cattlemen of the state, and more than 200 people attended. The all-day meeting was held in Cattlemen's Auditorium at the camp.

Speakers included Extension Service and Experiment Station personnel, cattlemen and field men from several Florida fertilizer companies. Two agricultural Extension Service men presided, with J. E. Pace presiding at the morning session and Jim Nesmith handling the afternoon session in the absence of J. R. Henderson.

Outlook...

The morning session began with a look at the future by C. C. Moxley, U. F. economist, who titled "Outlook for the Florida Cattle Industry for the ensuing Year."

"Prices are about as good as they are going to get," Moxley said. "Now is the time to cull your herds and sell.

"It is not likely that cattle prices are going to drop this Fall and Winter, other than seasonably, but after winter we had better watch out."

Moxley said that beef cattle have been recorded since the 1800's but in recent years the decline in numbers has been getting lower with each leveling-off period for cattle numbers higher than the one before.

"The question now is how long will the buildup continue. How cattlemen market this year is critical. If the expansion rate keeps going up for the next two or three years it will be disastrous. According to population estimates, we would be producing 94 pounds per person in 1959 and this would completely demoralize the market.

"If, however, the expansion rate slows down and it looks like it will—by 1964 we will have 110 million head. This will mean 90 pounds of beef per person, and the highest before was 86 pounds in 1956," the economist stated. Adding that consumers should be able to use this amount without a completely disastrous price drop.

He then added that cattle numbers is only part of the picture. Increase in calf crop percentage and higher average weight of slaughter animals, both will add to the beef supply, he said.

He said another thing cattlemen can watch for is more competition from pork. Hog prices are going down—fast—and will for the next year, he stated.

Weed Control...

Next subject for discussion was "Results of Studies on Control of Weeds in Pastures," with E. G. Rodgers and J. E. McCaleb, both government agronomists, and J. R. Orsenigo, a horticulturalist, taking part.

Rodgers said the presence of weeds in pastures usually indicates poor land or poor management, with other factors contributing. Fertilizer will help the poor land problem, he added.

"Sometimes—despite good management weeds prosper. What can we do then? In such cases, chemicals have a definite place in weed control," the agronomist stated.

Discussing 2, 4-D, he said: "This chemical, will handle broad-leaf weeds, using about one pound per acre. It costs about $1 per pound so the cost per acre is about a dollar. It will also kill broad-leaf crop plants so you must be very careful with crops in adjacent fields. Tomatoes and clover are particularly susceptible to 2,4-D. In liquid form there is about four pounds of active ingredients per gallon."

He also told of several relatively new chemicals.

"Butoxone or Butyrace 118 is the commercial name for 4,2,4-DB which comes in both solid and liquid form. This is best for killing weeds in clover. Use about one quart per acre of the recommended mix. Most clovers will tolerate this compound. However, sweet clovers will be killed by it and we are not sure yet whether crimson clover will tolerate it. It costs about $7 per pound, or $3 per acre."

For woody plants, such as briars, brush and vines, the agronomist prescribed 2, 4, 5-T or a mixture of that with 2, 4-D. McCaleb emphasized the need for following directions in the use of chemicals.

"Be sure to follow the recommendations on the can, or those of your county agent or whoever is advising you."

He also told of the different carriers to be used with these chemicals. Water, oil, or a combination of the two may be used as a carrier; he said.

Orsenigo told of the great annual loss attributable to weeds, and gave a detailed report on the control of "butterweed."

"The national annual loss from weeds and brush in grazing lands has been estimated at $900 million," he said.

Two tools are available to help control pasture weeding: chemical and chemical. Mowing is non-selective and may reduce forage slightly and temporarily. Herbicides may be more expensive than mowing and require discrimination when used in vegetable-growing areas. But weed killing chemicals offer ready, selective control of many weeds for long periods."

Herd Management...

Next on the program were three ranchers—Ralph Sexton, Vero Beach; L. H. Turner, Sarasota; and Russell Kaiser, Lake Worth—who discussed "Herd Management and Pasture Fertilization Practices Followed on Our Ranches."

Sexton, who is in charge of a grass-fattening operation, said he spends $25 per steer, which is $40 per acre, for fertilizer.

"Grass is the thing you have to sell in a cattle operation. Grass is the basis for the cattle industry. The cows are only the means by which you sell grass and for every dollar we spend on pastures we get three back."

Sexton's very interesting story told how prepared feeds are fed to the cows only to make them eat more grass. He weighs all cows every 30 days, letting the scales tell him when to feed and when to fertilize. Sexton has formulated his own protein supplement which he feeds in self-feeders at a cost of 10 cents per cow.

Turner described his steer operation. Hi Hat Ranch, emphasizing the importance of weather in fertilizing. He said most of their land was native pasture though some is improved.

"Our biggest pasture project is building up surplus grasses for winter. We use 10-10-10 at this time of year for Pungola, then ammonium nitrate in Spring."

The Florida Cattleman
Questions:
Where Can You Get Top Market Prices for Your Livestock?

Answer:
Only at Your Livestock Auction!

Does that sound like a broad claim? It’s strictly FACTS. Because the market in Florida varies from the market in Chicago, or Kansas City, or even Atlanta—from day to day, and week to week. Only when you sell at auction, and have many buyers seeing your stock and bidding on them, can you be absolutely sure that you’ve gotten the top market price for your offering!

The markets named below are solid, substantial markets, who have pride enough in their operations to join in state and national improvement programs. You’ll find any of them “good folks” to do business with!

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

Glades Livestock Market
Auctions Every Monday
George Young, Mgr. Ph WY 6-3028
BELLE GLADE, FL.

Walton County Livestock Market
Auctions Every Thursday
Sam Rachels, Mgr. Phone TW 4-7781
DEFUNIAK SPRINGS, FL.

Gainesville Livestock Market
Auctions Every Monday
L. H. Thompson, Mgr. Phone FR 6-3211
GAINESVILLE, FL.

Tindel Livestock Market
Auctions Every Monday
Claud Tindel, Mgr. Phone AN 3-3001
GEORGETOWN, FL.

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

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

Columbia Livestock Market
LAKE CITY, FLA.

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

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

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

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

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

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

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

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

For Further Information about Florida Livestock Markets, Contact
FLORIDA ASSOCIATION OF LIVESTOCK MARKETS
Livestock Exchange Building, Kissimmee, Florida

Pasture Management

After lunch Jim Nesmith introduced speakers for the panel on pasture management, including: O. C. Ruelke, Nathan Gammon, Jr., R. J. Allen, Jr. and E. M. Hodges, all Experiment Station personnel; Harvey Page, Wilson-Tooher (Continued on page 83)
FLB Rejects Wounds!

ANIMALS SHOWING evidence of recent wounds inflicted by a person—such as castration, dehorning or branding—may not be shipped into Florida, under a new regulation adopted by the Florida Livestock Board in August to “prevent the introduction of screwworms into Florida.”

The new regulation resulted directly from a resolution on the subject passed by the Florida Cattlemen’s Association at its June convention in Sarasota.

Other provisions of the regulation provide that all livestock and other animals entering the state must be accompanied by a veterinarian’s certificate stating that the animals have been inspected immediately prior to shipment and no evidence of screwworm infestation was found—or they must be routed through one of the USDA inspection stations located along the Mississippi and Pearl Rivers at Memphis and south.

Animals with natural wounds will be allowed to enter provided the wounds are treated with Co-Ral or EQ 335 in accordance with the regulation.
WASHINGTON CATTLEMAN GETS:

$10 extra profit per head with

TRAN-Q®

In a 130-day feeding trial McGregor's Tran-Q supplemented steers gained 43.6 lbs. over controls; improved feed efficiency by 11%. These extra gains and increased feed efficiency were in addition to stilbestrol, which was implanted before the trial began in both the Tran-Q steers and controls. From now on, McGregor cattle will get Tran-Q.

WHAT IS TRAN-Q?

Tran-Q is an entirely new feed ingredient—unlike any you’ve ever used before. Extensive trials show it: boosted beef gains up to 26%, improved feed efficiency up to 23%.

The extra gains and improved feed efficiency you get from Tran-Q are not available from any other feed ingredients and you can get this improved growth response and feed efficiency from Tran-Q throughout the entire feeding period.

See your feed supplier now for Tran-Q.

Impressive results with sheep, too.

In tests with sheep, feeds containing Tran-Q have: increased rate of gain by up to 28%, improved feed efficiency up to 22%, increased return up to $1.71 per lamb above the cost of Tran-Q.

### HERE ARE THE TEST RESULTS

<table>
<thead>
<tr>
<th></th>
<th>Control</th>
<th>Tran-Q</th>
<th>Improvement over control</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total gain</td>
<td>373.6</td>
<td>417.2</td>
<td>43.6 lbs.</td>
</tr>
<tr>
<td>Av. daily gain</td>
<td>2.87</td>
<td>3.21</td>
<td>0.34 lbs.</td>
</tr>
<tr>
<td>Cost of gains (per lb.)</td>
<td>17.49¢</td>
<td>15.69¢</td>
<td>1.80¢</td>
</tr>
<tr>
<td>INCREASED NET RETURN</td>
<td>$10.83 per head</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Cattle supplemented with Tran-Q show good finish and dress out well. The extra profits prove Tran-Q's value.
worth more because it does more

special formula Vertagreen® does more for grain...more for pastures

Growers everywhere are discovering: it isn't how little a fertilizer costs, but how much it does that counts. And Armour Vertagreen for Commercial Crops is the quality fertilizer that consistently gives you greater yields of highest quality grain...more profits per acre!

Fertilize your pastures with Vertagreen for a longer grazing period and more grazing per acre! This means better milk and meat production at a lower feed cost. For a pasture that's worth more, use the fertilizer that does more—Armour Vertagreen.

see your friendly Armour agent right away!

ARMOUR
AGRICULTURAL
CHEMICAL COMPANY

Cows, H'fers Move Slow In Florida

Market bureau figures give picture

Florida cowmen are building up their cow herds rapidly, if State Marketing Bureau figures on sales at all Florida auctions so far this year are any indication.

Here are the figures:

So far this year, 13 percent less cows have been sold at auction than during the same period in 1958.

And of this smaller number sold, only 65 percent have gone to slaughter, compared to nearly 80 percent during the same period of 1958!

These figures underline USDA's warning of a rapid build-up in cow numbers now in progress throughout the nation—reported in detail in the August Cattlemen.

The chart below shows the situation is true in all classes of beef cattle:

<table>
<thead>
<tr>
<th>Cattle Type</th>
<th>1958</th>
<th>1959</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steers</td>
<td>46.7</td>
<td>29.9</td>
</tr>
<tr>
<td>Heifers</td>
<td>52.5</td>
<td>34.1</td>
</tr>
<tr>
<td>Cows</td>
<td>79.7</td>
<td>65.3</td>
</tr>
<tr>
<td>Bulls</td>
<td>65.8</td>
<td>47.9</td>
</tr>
<tr>
<td>Calves</td>
<td>48.3</td>
<td>26.8</td>
</tr>
</tbody>
</table>

Cows and heifers sold for slaughter are particularly important in the eyes of national beef industry statisticians because, of course, the females have the calves! A serious price situation is foreseen in the future when these calves grow to market age, with a possible 94.5 pounds per capita beef production (highest on record) forecast for 1961.

If State Marketing Bureau estimates are correct, there is a lower percentage of the cattle and calves sold at auction in Florida going to slaughter than in any recent year. Here are the percentages since 1949:

<table>
<thead>
<tr>
<th>Year</th>
<th>Steers</th>
<th>Heifers</th>
<th>Cows</th>
<th>Bulls</th>
<th>Calves</th>
</tr>
</thead>
<tbody>
<tr>
<td>1949</td>
<td>55.8</td>
<td>68.5</td>
<td>70.6</td>
<td>70.4</td>
<td>70.4</td>
</tr>
<tr>
<td>1950</td>
<td>57.2</td>
<td>68.6</td>
<td>68.6</td>
<td>68.6</td>
<td>68.6</td>
</tr>
<tr>
<td>1951</td>
<td>48.1</td>
<td>68.7</td>
<td>68.7</td>
<td>68.7</td>
<td>68.7</td>
</tr>
<tr>
<td>1952</td>
<td>44.3</td>
<td>68.8</td>
<td>68.8</td>
<td>68.8</td>
<td>68.8</td>
</tr>
<tr>
<td>1953</td>
<td>64.7</td>
<td>68.9</td>
<td>68.9</td>
<td>68.9</td>
<td>68.9</td>
</tr>
<tr>
<td>1954</td>
<td>68.3</td>
<td>estimate (approximate)</td>
<td>68.3</td>
<td>68.3</td>
<td>68.3</td>
</tr>
</tbody>
</table>

FEEDING TESTS to determine the nutritional properties of distillers' feeds, the by-product of liquor manufacture, are carried out on 11 projects at eight academic institutions, according to Dr. C. S. Boruff, president of the Distillers Feed Research Council, of Cincinnati, Ohio. Beef and dairy cattle, swine, sheep, calves, turkeys, and chickens are among the farm animals used in these feeding tests.
“Since switching to MoorMan’s Mintrate® for Fattening Cattle, our gains have averaged 3.04 pounds a day per head. Feed conversion is better, too. On a finishing ration including Fat Cattle Mintrate, cattle put on a pound of beef for every 9.27 pounds of total feed consumed. We also feed MoorMan’s Minerals free choice.”

Many other leading Florida Cattlemen, like Mr. Barfield, are getting the same “Good Results.”

Here’s why—MoorMan’s Fat Cattle Mintrate supplies seven different protein feeds plus urea. It is completely mineralized and contains vitamins A and D. These ingredients are balanced and blended to help cattle convert more of your roughage and grain into low-cost beef.

Mintrate is available with Stilbestrol at your option. Usually this will increase daily gain by about 20% . . . improve feed efficiency by 8% to 12%.

Fat Cattle Mintrate is super-concentrated so that a little bit does a big job. About a pound a day, at only a few cents cost, furnishes a steer with the necessary nutrients for top feed conversion.

Your MoorMan Man has the details on feeding Fat Cattle Mintrate with your particular grain and roughage. He will be glad to plan with you a program for fattening cattle that will give you “Good Results.” If he doesn’t call soon, write Moorman Manufacturing Company, Dept. X99, Quincy, Illinois.

Since 1885—74 Years of Friendly Service

Fat Cattle Mintrate
—with or without Stilbestrol so you can take your choice

NO SCREWWORMS Dropped—Still None Are Reported!

Initial results of discontinuing drops in extreme South Florida are encouraging to screwworm program scientists

For nearly a month now, no sterile screwworm flies have been dropped in 10,000 square miles at the southern tip of Florida—and no screwworms have appeared.

That’s the word from the screwworm eradication headquarters at Sebring, where officials decided to discontinue the regular “drops” of sterile flies in order to find out whether there are any screwworm flies surviving in Florida today.

Art Spear, the public relations man for the program, calls it a “$5 million question”—because that’s what’s been spent to date to grow and distribute the 2.75 billion sterile flies which have been spread by airplane over an area which at times has covered nearly 85,000 square miles.

August 19 marked a full six-month period during which only one positively identified case of screwworms has been found in this part of the United States. Spear’s news release continues: “Beginning date of the period, February 19, was only seven months after the full-scale program’s start. When state and federal funds were appropriated in 1957 to start the project, it was estimated eradication might require two years and possibly three.

“Now program directors are preparing to survey one of the most isolated areas in the Everglades in an effort to learn whether screwworms might possibly be surviving on the wildlife population there. Accessible only by airboat, the region lies in Monroe and Dade Counties.

“In the meantime livestock inspections in all South Florida have been intensified since sterile fly dispersals were suspended there to test program results. The suspension is in effect from the south tip of Lake Okeechobee to Key West. Full-scale dispersals are continuing in the balance of the eradication area.

“Cost of the program to date, jointly financed by Florida and the Federal government, soon will be nearing the $6 million mark. Operating budget for the past fiscal year, ended June 30, was about $4 million dollars, but this was only one-fifth of the estimated previous annual cost of screwworm ravages to livestock owners in the Southeast.”

Henderson New Screwworm Head

Florida’s screwworm eradication is “bossed” by two directors, both with equal authority, one representing the state and one the federal government, since both are contributing to the cost of eradication.

Dr. Forrest E. Henderson (seated in photo) is now the federal director, succeeding Dr. D. L. Williams (right) who has been in charge since the program’s beginning. Henderson will work with Dr. M. E. Meadows (left), the state’s director.

Henderson and Willams are actually “swapping” jobs, according to the news release. Henderson has been co-director of the Mexico-United States Commission for Prevention of Foot and Mouth Disease, and Williams has been assigned to work with the commission in Mexico.

Henderson is an Alabaman, born at Mountain Creek, educated in high school at Montgomery, and graduated as a veterinarian from Auburn in 1943. After three years in service, he went to work on Tuberculosis eradication in California with the old Bureau of Animal Industry. He was assigned to the foot-mouth work in 1948, and has remained there ever since for one year of graduate study at Tulane.

He’ll live in Sebring (where the screwworm factory is located) with his wife and two daughters.
"We've fed 80,000 steers and heifers full time on Stilbosol"

by Eugene S. Hahnel

"Our records prove it pays to feed Stilbosol every day to every head," reports manager-nutritionist. Detailed records back his story.

The famous Farr feedlots can fatten 10,000 cattle at one time. The day we visited with Dean Selleck, their livestock supervisor and nutritionist, 70% of the cattle on hand were market heifers.

"Stilbosol gives us excellent gains on heifers, too," Dean told us. "In fact, all of our cattle get Stilbosol rations every day they're here up to 48 hours before slaughter. Since we first experimented with Stilbosol in 1955, we've fed it to more than 80,000 head. About half of those were heifers. Our records show the extra gains and greater feed efficiency . . . and Stilbosol has cut our cost of gain 12 to 15%.

This silage loading pit is part of the full mechanization used to feed Stilbosol rations twice a day. The Farr trench silo is 650 ft. long, 40 ft. wide, 17 ft. deep, and holds 10,000 tons.

When Dean speaks of records, he really means it. Three long pages of abstracts are kept on each lot. These records include every conceivable fact on the cattle from the time they're bought until they hit the market.

Before using Stilbosol, the Farr lots averaged 2 pounds daily gain on steers fed 120 to 140 days, and about 1.85 pounds on heifers. Now, with Stilbosol, they boost daily gains up to 2.5 pounds on steers, 2.25 pounds on heifers.

"Those figures are conservative," Dean told us; " . . . that includes all the shrinks right up to the packing house scales.

"With all this evidence in Stilbosol's favor, it looks like a fellow would have to be pretty backward not to feed it to all of his market cattle all the time," Dean concluded. "You just can't overlook those extra gains and lower costs."

Three men move about 120 to 130 tons of feed daily in two 2½- to 3-hour feeding periods. Only nine men are needed to handle the entire efficient Farr feedlot operation.
Cattle Parasite Danger
Threatens Great Loss

New drench proves more effective
in killing intestinal worms

Many livestock producers are beginning to realize the great losses occurring from internal parasites in animals. Several million dollars of livestock income are lost annually through weight losses, inability of cattle to get proper nourishment from feed and a decrease in calving—all traceable to worms.

Tapeworms, wire worms, bankrupt worms and other common stomach worms which have been resistant to regular treatments can now be safely and economically controlled. An easily administered drench which has resulted from extensive research in proving more highly effective in killing these intestinal worms. This new formula was inspired and developed when it became evident in many cases the cattle did not respond to usual treatments. The improved formula is known as Tena-Bov.

Numerous tests regarding the effectiveness of phenothiazine drench have proved that worm killing depends on getting a great enough concentration of the dose into the fourth stomach in sufficient quantity to produce the necessary results.

Research indicates there are no important parasites in the system until the fourth stomach is reached. In ordinary drenches a great portion of the dose is lost or absorbed before it reaches the fourth stomach. The small amount of ordinary drench that goes into the fourth stomach lacks sufficient quantity to kill resistant worms.

This improved cattle wormer is helping livestock men meet an increasing need for combatting worm infections. There is no interference with normal chemical and bacterial actions of the digestive processes when using Tena-Bov. It is given on a full stomach. There is no weight loss as compared with drugs which upset digestion and bacterial actions of the digestive process.

Dr. Rogers' Tena-Bov was developed and is manufactured by Texas Phenothiazine Company, Fort Worth, Texas, one of the foremost researchers and manufactures of animal health products. The distributor in this area is Cairo Livestock Supplies, Box 334, Cairo, Georgia.
"Shipping once brought me more trouble than profit"

Owner: You know, I never realized how much money SPARINE could make for me. I'd heard about it, but I was always too busy to do anything about it.

Owner: Well, I've got to admit I really wasn't convinced that SPARINE was worth it till they weighed those steers at the feed lot. At the price per hundredweight, cutting that shrink really made me money.

Foreman: What I like was the way those steers acted. Jerry told me he's been working steers for thirty years and never saw easier ones to load. I know the boys are glad you called the vet.

Foreman: I remember last time we got the weight records. You wanted to have the feed lot scales checked. I still can't get over the way those steers went on feed so fast after we unloaded. And I didn't notice a lot of bulling, milling or fence walking.

Injection SPARINE® (promazine hydrochloride, Wyeth) solves most of your cattle shipping problems. It reduces weight losses by over 50% in most cases. Treated animals are easier to handle, load, and ship. SPARINE doesn't "knock out" cattle even in transit.

Call your veterinarian now. Ask him about the advantages of SPARINE. Don't wait until your animals are weighed at the feed lot.

SPARINE IS AVAILABLE ONLY FROM VETERINARIANS

Philadelphia 1, Pa.
EXPERIENCED FIELD MEN
FLORIDA TESTED ANALYSES

On the left, John Culbreath, president of the Florida Hereford Association, inspects pangola grass on his Bar-Bet Farms. With him is Gulf Pasture Representative Ed Green. Ranchers who depend on pasture feeding call on Gulf to solve problems of soil conditioning, pest control and fertilization. Gulf Fertilizer is formulated for Florida soils.

THE GULF FERTILIZER COMPANY
Tampa • Florida
SERVING FLORIDA AGRICULTURE FOR 56 YEARS

Advertise Consistently!

Cull Your Barren Cows!
Pregnancy Testing Service
Increase Your Calf Crop
Tested Over 20,000 Head Last Year
References on Request

A. G. LEWIS
Route 1, Box 37C, Phone FRanklin 6-2526, Gainesville, Fla.

More Meat For Less for Housewives

AMERICAN HOMEMAKERS will spend a smaller share of their families’ total disposable income for meat this year than they did 10 years ago, 20 years ago—or even 30 years ago—the American Meat Institute has reported.

The packer organization, using USDA figures, shows that all meat cost the housewife a total of five percent of her disposable income in 1958, compared to 6.1 percent in 1948, 5.8 percent in 1938, 5.8 percent in 1928, and 6.7 percent in 1921, first year for which the information is available.

The growing popularity of beef, however, has given it a net rise in the percentage of disposable income spent by the housewife, the figures show, while pork’s percentage has dropped drastically.

For beef, housewives in 1958 spent 2.7 percent of disposable income, in 1948 2.6 percent, in 1938 2.3 percent, in 1928 2.0 percent and in 1921 2.4 percent.

For pork, the comparable figures were: 1958 2.0 percent, 1948 2.8 percent, 1938 2.8 percent, 1928 3.2 percent, and 1921 3.6 percent.

The beef and pork precentages don’t add up to the “all meat” figures, of course, because these include veal, lamb and mutton, too—although none of the three are major factors in the meat market.

Since 1921, per capita consumption of meat has increased from 134.0 pounds to 152.1 pounds, with beef up from 55.5 pounds per person to 80.5 and pork down slightly from 64.8 to 60.7 pounds per capita consumption.

The retail value of meat consumed per person in 1921 was $34.20 compared to $90.10 in 1958—but disposable income per person jumped from $508 to $1790, according to the national figures.

AMI sums up the public’s gain this way: “Last year’s average person parted with one percent less of his spending money than did his 1948 counterpart, yet he got nine more servings of meat (averaging all meats at 3/4 pound per serving).

<table>
<thead>
<tr>
<th>Year</th>
<th>Beef</th>
<th>Pork</th>
<th>All Meat</th>
</tr>
</thead>
<tbody>
<tr>
<td>1921</td>
<td>55.5</td>
<td>64.8</td>
<td>134.0</td>
</tr>
<tr>
<td>1923</td>
<td>59.6</td>
<td>74.2</td>
<td>147.3</td>
</tr>
<tr>
<td>1928</td>
<td>48.7</td>
<td>70.9</td>
<td>131.6</td>
</tr>
<tr>
<td>1933</td>
<td>51.5</td>
<td>69.6</td>
<td>121.1</td>
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<tr>
<td>1938</td>
<td>54.4</td>
<td>68.2</td>
<td>122.6</td>
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<tr>
<td>1943</td>
<td>60.3</td>
<td>78.9</td>
<td>149.2</td>
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<tr>
<td>1948</td>
<td>63.1</td>
<td>67.8</td>
<td>130.9</td>
</tr>
<tr>
<td>1951</td>
<td>77.6</td>
<td>63.5</td>
<td>141.1</td>
</tr>
<tr>
<td>1956</td>
<td>80.5</td>
<td>60.7</td>
<td>141.2</td>
</tr>
</tbody>
</table>

Arizona and Oregon have been added to the list of Modified-Certified Brucellosis Areas. Arizona was the nineteenth state to be certified and Oregon was number 20.
INSECTICIDES

New... from Dow

KORLAN 25W controls

Multipurpose spray approved for direct application on beef cattle, sheep, goats—in dairy barns, poultry houses.

Korlan® 25W offers a combination of unique advantages:

**Effective** against a broad range of animal pests (even strains grown resistant to other chemical sprays).

**Longer** control period. Killing action lasts longer... requires less work... fewer repeat sprayings. Korlan 25W is effective for 2-4 weeks against hornflies... up to 6 weeks as a residual spray in barns, poultry houses, refuse areas.

**Less Toxic.** Korlan is safer... can even be used to treat young or suckling animals... many chemicals have been developed that are too toxic except for adult animals.

**Simple.** One dosage level satisfies several uses. Except for ticks, the same spray concentration can be used on beef cattle, sheep, goats, hogs and horses. Korlan can also be used as a bait. Other formulas (Korlan 24E and 12E) can be used on backrubbers.

Korlan has been thoroughly field-tested and is now available in commercial quantity. For more information write Agricultural Chemical Sales Dept. 137KY8, Midland, Mich.
Nutrition is the Number One Problem of the Florida Cattleman...

Steer Fattening on Pasture Grass is the Economical Way...

But...Green Grasses without the Proper Mineral Element Balance...Cannot Supply the Essential Nutrition and Vitality for Fattening Top Quality Beef.

The Nutritional Value of Tennessee’s Mineral Elements is Immediately Available to the Plants

WHEN ORDERING YOUR PASTURE FERTILIZER—SPECIFY THE ADDITION OF TENNESSEE’S MINERAL ELEMENTS FOR TOP QUALITY PRODUCTION.

COPPER SULFATE
NU-MANÈSE (Manganous Oxide)
MANGANESE SULFATE
ZINC SULFATE
IRON SULFATE

TENNESSEE CORPORATION
615-29 Grant Building, Atlanta 3, Georgia
These purebred Shorthorn females are a portion of the registered herd owned by Beardsley Farms at Clewiston. The Beardsleys, long-time Florida Shorthorn breeders, also utilize Shorthorn bulls in their commercial cattle operation.
Ashbourne Ranch

features

Acclimated-Registered

SHORTHORNS & SHORTHORN CROSSES

(Including Brahman-type Crosses)

Ashbourne Ranch

Owned by Ashbourne Realty & Land Development Corp.
Paul Knowles, Manager
31 SE 2D AVENUE, DELRAY BEACH, FLORIDA
Located 3 miles south of Delray Beach on State Road 7

Here's Your New List of Shorthorn Herds

(*) marks members of state association

ACKERMAN, E. V., Route 1, Box 107, Plant City.

ACKLEY, M. W., Winter Haven. (*)

ARENESS FARMS, P. O. Box 99, Fort Lauderdale, phone LUDlow 3-2622. Reasons and Company, owners, J. E. Rowe, manager. Ranch located 5-1/2 miles west of State Road 7 on State Road 84. Herd was established in 1946 and now consists of 18 females of breeding age. Herd sires include Louada Chieftain, bred by Louada Manor Farms; Louada Bannister, bred by Louada Manor and a member of the top group of three Shorthorn bulls at the 1967 International. (*)

ASHBOURNE RANCH 341 SE 2nd Avenue, phone CLEswood 6-4680, Delray Beach. W. L. Lyons, owner, Ed Knowles, Jr., manager. Ranch located three miles north of Delray Beach on U.S. 441. Herd was established in 1955 and now consists of 36 brood cows. Herb sires are Braedown Quartermaster and Brown Forman Roister. (*)

BEASLY FARM FARMS, 296 Sugarland Hwv. P.O. Box 85, Clewiston, The Beardsleys, owners, J. W. Beardsley, manager, phone YUKon 2-7501 (office) or YUKon 2-1242 (farm), located six miles east on U.S. 27. Herd was started in 1946 and now consists of 55 brood cows featuring Lynwood, Creekland, Oakwood, White Plains, and L & I. Breeding Herb sires include: LL Emperor (x2696-120), bred by L & L Farms, Dothan, Ala.; Conquest Monarch (2522-812) bred by A. T. Rigby; Seal City, Ga.; and Oakwood Lucky Leader (x2708-365), bred by Oakwood Farm, Ashville, Ohio. (*)

BELAND, MARCEL, Pensacola. (*)

BREDFORD, ROBERT (See Circle B Ranch)

BROMA FARM, Route 2, Box 63, Bartow.

BRADOS, W. L. LYNES (See Ashbourne Ranch)

CF RANCH, THS, P. O. Box 472 Winter Garden, phone HILAdale 6-2653, Corrie and Fred Tilden, owners, located three miles south of Tildenville. There are 52 breeding age females in the herd which was started in 1953. Herb sires include Leveldale Affiant, MI, Serenade and B & B Fortress. (*)


DIBBLE, B. P. (See Holly Hammock)

DOUBLE E RANCH, 516 Palmer Bank Building, Sarasota, phone Ringling 6-0289, ranch three miles east of Tamiami Trail, John L., and Charles Jubal Early, owners. Herd was established in 1961 and is now made up of 35 brood cows featuring Orange Blossom, Sul-tanna, Broadhooks Augusta, Carlot, Miss Dorothy, and Miss Ramsden breeding with Creekland Lochnivar (2269-967) as herd sire. (*)

DUDA, A. & SONS (See Slavia Ranch)

EARLY, JOHN L. & CHARLES (See Double F Ranch)

F BAR M RANCH, Route 1, Box 118, St. Cloud, Fred and Merrill Woodbury, owners. (*)

FERONGRA ACRES, 1027 Main Street, phone STate 7-4824, Dr. H. D. Young, owner, D. A. Story, manager. Ranch located three miles south of Webster one mile off Highway 50. This herd, started in 1952, contains 50 registered brood cows featuring Edellin, Cluny, Calrossie, Augusta, Elmrest, and Broadhooks breeding. Herb sires are: Creekland Golden Star (5288-861), bred by Grant Campbell; Cedar Hill Victor 2d (2719-721), bred by Theodore Bergquist; and Roan Star Goldfinch (2268-426), bred by Ferongra. (*)

FOREST PRODUCTS CORPORATION, F. O. Box 266, Geneva, located six miles north at Osceola. Frank P. Gatlin, manager.

GATLIN, FRANK P. (See Forest Products Corporation)

HARDENBROOK, D. C., Hibernia, Route, 36

The Florida Cattlemen
A CHAMPION... in International competition at Chicago this steer shown there by the University of Kentucky. Shorthorns are increasingly recognized for their quality and conformation in competition with other breeds.

Green Cove Springs.
HOBBS, W. FRANK, 2937 Bayshore Court, Tampa 9. (*)

HOLLY HAMMOCK, R.F.D. 1, Inverness, B. J. Dibble, owner, located 74 miles east on Turner Camp Road. Herd was established in 1945 and is made up of 20 brood cows featuring Calrossie, Collvnye, Haline, and Peggarid breeding. Herd sires include Triple D Command x2014-3899, bred by Draydy, and Carthy Dale Courtier x2918-201, bred by Dibble.

HOWERTON, T. M. Jr. (See Roseland Farm)

JACKLENS FARMS, Care of Hooker's Department Store, Plant City, phone 2-4151 (business), 3-8801 (home), or 3-6588 (farm), located at intersection of Keen and Sam Allen Roads off Highway 39 north, C. R. "Jack" Hooker, owner, Grady Ruil, herdsman. Herd established in 1952 and now contains 35 females of breeding age, headed by Wl Bank Standard 8th and Jacklen Bank Standard 2d. (*)

KILLAM, JAMES B., Kissimmee. (*)

KNOWLIES, PAUL, JH. (See Ashbourne Ranch)

LOCH LEVEN FARMS Mount Dora, phone 1-5342, W. F. H. L. Dibble, owner, located one mile north. Herd consists of 22 females of breeding age, including three good daughters of Killmore Landrubber and three good daughters of Crimmon Flower (the bull producer), Black Belt Augusta and her two good daughters, five Brawith Buds originating in the Luther Rice herd. Herd sires include Louada Challenger, bred by Louada Manor, and H of H Upright Leader, bred by K. G. Heine. (*)

LYKES BROTHERS, P. O. Box 1680, Tampa 1. (*)

McCLURE, J. N. & D. P., 1251 51st SW, Bradenton, phone 5-5621 ranch located southeast of Bradenton. Established in 1952, herd includes only four registered females.

MAHFIELD, J. C. FTN

MILTON, ROBERT H., 400 W. Lafayette Street, Marianna.

MOODY, CAROLYN, MAISETH AND LINDA (See Three Sisters)

OAK HILL FARM, Route 7, Box 910, Tallahassee, phone 2-6630. Located in Leon County 18 miles east of Tallahassee, and four miles south of Micconkee on State Highway 10, Mark A. Saunders, manager. Established in 1947 herd now has 25 brood cows featuring mostly Oakwood breeding. Sires are Oak Hill Matchless Referee x29850636, by the $7000 Oakwood Conquest, and Leveldale Corrector x2893-159, by the $35,000 Leveldale Basis. (*)

ORANGEWOO Stock Farm, F. O. Box 5616, Orlando, phone GARDEN 5-6152. Located on Highway 429, between Oviedo and Geneva. C. W. Rosenberg, owner and manager. Established in 1947, herd now has 15 brood cows mostly from Misty's Snow Bell, daughter of Langston family. All four sires used on registered herd are Orangewood Collvnye bulls bred on the ranch.

PHILIPS, HOMER, 1651 Inwood Terrace, Jacksonville, phone P.LANDERS 3-7146.

PINE VIEW FARMS Route 2, Madison, phone HUNTER 3-7069, Paul B. Ragans, owner, located five miles east on U.S. 90. Established in 1954, herd consists of 50 brood cows. (*)

PRICE, TERRY & HELEN, Route 4, Box 190, Gainesville.

RAGANS, PAUL (See Pine View Farms)

ROSELAND FARM, Madison, phone HUNTER 3-6196, T. M. Howerton, Jr. owner, located on Valdosta Highway. Herd was established in 1933 and includes only two registered females with four registered bulls being used on the commercial herd. (*)

(Continued on page 39)
Steers just sold from our commercial herd—off pasture and no grain—graded on the rail 29% Good.

Out of all types of cows—but sired by

**SHORTHORN BULLS**
the kind we grow and use.

From just weaned to 5 year olds for sale!

Beardsley Farms
Phone YUkon 2-7501 (office) or YUkon 2-1242 (farm)
CLEWISTON, FLORIDA

See our registered Shorthorn herd six miles east of Clewiston on U. S. 27... maintained strictly on grass.

---

**LOUADA CHALLENGER**

Louada Challenger, our senior herd sire, is doing an outstanding job for us—producing some of the best calves we have ever seen at Loch Leven Farm. They are a straight-legged, deep bodied, good headed group of calves and show much promise for the future. See them soon.

Last year at Ocala’s Graded Bull Sale we had the only A minus bull in the sale. We now have a half-brother of this bull for sale. Make plans now to buy some of our Louada Challenger bulls that will be entered in the Ocala Bull Sale, January 19, 1960.

**LOCH LEVEN FARM**

Howard Simpson, Owner
Mount Dora

---

**MANAGE Right**

And Ignore The ‘Cycle’!

**S’horn secretary has specific ideas**

by KENNETH R. FULK
Exec. Sec’y, American Shorthorn Ass’n

We hear a great deal these days about the cattle cycle and the big build up in cattle numbers. The fact finding committee of the American National Cattlemen’s Association has indicated that the trend now is going up in numbers of females kept on American farms and ranches. They are advising ranchers to cull more closely, in numbers, to prevent “the big build up” so as to maintain more even cattle prices.

The United States Department of Agriculture releases figures on cattle numbers, the number of cows in the country, steers going on feed at various times, and for some reason or other the market pattern as far as prices are concerned, does not follow predictions too closely.

Whether this is because people heeded the advice, and did something about it or whether the figures were inaccurate in the first place, no one will ever know.

The most unfortunate thing, however, about all of the advice on cutting back, etc., is that while it is good for the industry as a whole, it leaves little comfort for the individual producer. What is often times good for the group, is not necessarily good for the individual, and what is often times good for the individual does not result in good for the group.

The average individual is trying hard to get along, and when he is convinced that many people are going to cut back then he tends to expand in order to take advantage of the better prices which he hopes to get.

As a result, many programs designed to cut production really end up in increasing production.

There have been cycles in cattle production and cattle prices as long as records have been kept by economists. As a rule the cycles involve a six-year period of increasing in numbers of cattle in herds under favorable prices and then about six years of poor prices which result in a decrease in numbers of cattle and sets the stage again for another favorable cycle.
Shorthorn Herds
(Continued from page 35)

ROWE & COMPANY (See Aresene Farms)
SAUNDERS, MARK (See Oak Hill Farm)
SLAVIA RANCH, Oviedo, phone FOREst 2-3211,
A. Duda and Sons, Inc., and Duda children,
owners. A. D. Duda, manager, located
southwest of Oviedo at Slavia. Herd
was established in 1952 and now consists
of 94 females of breeding age featuring Sandon Capito-
vator, Crugleton Perfect, Lawton President
Roosevelt, Upper Mill Metaphor, Pittodrie Up-
right, Sunnyhill Baronal Kickapo Metaphor,
Crugleton Allardic, Beattie Officer, and
many others well known families. Herd
sires include: Diamond's Remembrance, bred by
Tead Brothers; Maclyn Mission, bred by
Maclyn Plantation; and Meadow Lake Di-
mond, bred by N. A. and F. M. Bashy. (5)
SMITH, BERNARD A., Winter Haven. (5)
SMITH RANCH, 800 Lake Elbert Drive, Winter
Haven, phone CYpress 3-2600. H. L. and P.
N. Smith, owners Garland Snyder and Frank
Smith, herdsman. Located five miles north-
est on Lake Hamilton. Herd was started
in 1954 and now contains 42 females of breeding
age featuring families from leading Shorthorn
herds. Herd sires include: Edellyn Emperor
(2890-258) bred by Thomas E. Wilson, Hi Ho
Factor 12th (2580-911) bred by Herschel H.
Allen; Oakwood Watchman (2586-259), bred by
C. B. Togardt and Sons; and Lynnwood
Headline (2861-469), bred by Lynnwood Farm.
This herd had the Florida premier Shorthorn
bull and was the premier Shorthorn exhibitor
during the 1958-59 show season. (5)
THREE SISTERS CATTLE COMPANY, P. O.
Box 2070 Fort Myers, phone WY 5-2259, located
on Moody Road near North Fort Myers. Owners
are Carolyn, Martha and Linda Moody. Herd
was started in 1951 and contains 34 registered
heifer females headed by Cherry Hill Advance.
TILDEN, FRED (See CF Ranch)
WILKERSON, COL. E. ROOD, Drawer 2589
120 N. Orange Avenue, Orlando, phone GARDen
5-1858, Jack Sutton, manager, Mrs. Martha
Hutchison, assistant manager, Mirror Lake
Ranch, Trilby Road, Dade City, phone LOgan
7-2250.
WILLIAMS, JAMES B. Route 2, Box 208,
Brooksville.
WOODBURY, FRED (See F Bar M Ranch)
WOODBURY, MERRILL (See F Bar M Ranch)
YOUNG, DR. H. D. (See Ferongra Farms)

COMMERCIAL COWS . . . deserve the
best bulls—and need them for fastest herd
improvement. This outstanding individ-
ual is an example of the size and quality
which Shorthorns can provide.

That is the general pattern, but as to
which year the change will occur, no one
knows. There is no way that the average
producer can out guess and out figure
the cycles in order to take advantage
of every turn and to avoid every loss.

There are some very simple manage-
ment practices, however, that any average
breeder of registered or commercial
cattle can follow that will insure suc-
cess in the cattle business and make it
possible for him to forget cattle cycles,
sleep better at night and stay in the
cattle business.

(1) Produce the number of cattle that
your land can normally support. If your
farm or ranch will support 59 cows, it is
very uneconomical to put 20 cows on it.
On the other hand, it would be too risky
to overstock it with 75.

(2) Maintain the desired number of
cows in your herd by culling out your
poor producers each year and sending
them to market, and replacing them by
the best heifers you produce. Do not sell
your best heifers.

(3) Follow good management practices,
handle your cattle in as large a group as
possible, keep work costs low per unit.

(4) Improve the beef quality of your
cattle whenever you can, even in periods
of relatively low beef prices. Good bulls
bring more in proportion than inferior
bulls—and not only that, but they bring
more when money is needed worse by the
cattle owner.

(5) Maintain your volume of produc-
tion year in and year out; ride up with
the tide and down with the tide. If you
maintain your numbers you will have
them ready when the prices return and
you will not lose any more when prices
are not as strong.

As any old cowman will tell you, hold
on to the old cow's tail. She will pull
you through the good and the bad. Some
years she will not bring you in much but
she will always bring you in something,
and most of it can go into your bank
account.

More than 50,000 tractor accidents oc-
cur annually, according to the National
Safety Council.

for September, 1959

For Sale at
PRIVATE TREATY
34 HEAD
Registered Polled Shorthorns

31 Females
25 Registered Mature Cows—14 with
calves at side and majority rebred to
Leveldale Corrector 2690-153, who
was sired by Leveldale Basis, Mathers
Brothers' $35,000 bull. Calves are
mostly by O H Matchless Referee
x 2835066. Jim Adams' Oakwood
Conquest bull that he purchased for
$7000. The 11 remaining mature
cows are bred to Leveldale Corrector.
6 Open Heifers, excellent quality and
ready to breed by end of this year.

3 Bulls
3 Promising Young Herd Sire Pros-
pects—R. G Developer, (calved May
15, 1958) by Louada Developer—O H
Matchless Referee 2d, (calved No-
vember 9, 1957) by O H Matchless
Referee—Oak Hill Masterstroke, (calv-
ed March 12, 1958) by O H Match-
less Referee. All these bulls are red
and polled.

FARM IS SOLD AND MUST SELL HERD BY FIRST OF YEAR

Will sell as group or individually

OAK HILL FARM
MARK SAUNDERS, Manager
Farm 18 miles east of Tallahassee, 4 miles south of Miccosukee on Rd. 59
Phone 2-6630
Rt. 7, Box 910, Tallahassee, Florida

MARK SAUNDERS, Manager
Farm 18 miles east of Tallahassee, 4 miles south of Miccosukee on Rd. 59
Phone 2-6630
Rt. 7, Box 910, Tallahassee, Florida
S'horn Ass'n
Founded
In 1947

MRS. HENRY L. SMITH
Florida Shorthorn Breeders Assn.

The year was 1947; there were scarcely 100 registered Shorthorn brood cows in Florida. But the breeders were thoroughly sold on the big cows and the result was formation of the Florida Shorthorn Breeders Association in March, 1947 at Ocala, during the Southeastern Fat Stock Show.

First president of the Florida Association was Dr. D. W. Griffin of Chipley, a veterinarian and long-time polled Shorthorn enthusiast with a herd good enough to compete at the International shortly thereafter. Vice President was John Duane of Ocala, now deceased, and the secretary was R. G. "Bob" Herrmann, then manager of Norris Cattle Company, Ocala. Directors included Ralph Redding, and Horace Hull both of Ocala and D. L. Beardsley of Clewiston. Then in 1950 the Association reorganized with D. W. Griffin, President, John Duane, Vice President and R. G. "Bob" Heine as Secretary-Treasurer. At that time there were no members and only ($17.50) in the treasury.

Today Shorthorns are both popular and progressive in Florida, although overshadowed in numbers by Angus, Herefords and Brahman. But there are many hundreds more registered cows than there were in 1947, and even more important there are dozens of good commercial cattlemen who like and have Shorthorn breeding in their breeding and fattening herds.

Promotion was the first order of business for the new association and Florida breeders have continued ever since being promotion minded out of proportion to their size. The result has been a growing consciousness by commercial cowmen of Florida that Shorthorns have something they need--they're better mothers, have quiet disposition and皓are good natured. They have size and scale needed in Florida, particularly because most of the bone-building minerals are in short supply in the light soil of Florida.

The Association has been continuously active since its formation, but particularly so since 1949. That was the year Shorthorn interest really began to blossom in Florida, largely due to the efforts of R. C. "Bob" Heine who moved his herd from South Dakota to Florida in that year, and began preaching the "gospel" of Shorthorns throughout the state. Heine sold his ranch which was located near Ocala, to a Thoroughbred breeder who wanted it worse than he did a couple years ago. Today he's Southern Field Representative for the American Shorthorn Breeders Association, but still keeps close tabs on Florida, visiting around several times a year.

Hundreds of Shorthorns came into Florida from out-of-state during the early 50's. Some were unsuitable for Florida conditions, having been raised under forage conditions quite different from Florida's almost complete dependence on grazing. Then too I think Florida was used for a dumping ground the past four or five years with cattle being sold in some sales that should have gone to the slaughter-house. However, some of these cattle which were imported acclimated themselves exceptionally well, and form the base for several dozen fine Shorthorn herds which now are scattered throughout Florida.

President of the Florida Association now is Mark A. Saunders of Lloyd, co-owner of Oak Hill Farm, while C. R. "Jack" Hooker of Jacklen Farms, Plant City is Vice President, and Mrs. Henry L. Smith of Winter Haven is Secretary-Treasurer.

Each dot on the map indicates the approximate location of the advertiser's farm or ranch. The number next to the dot identifies the advertiser.

Map number advertising and breeder is on page

101 Ashbourne Ranch . . . . . . 36
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How to Find Shorthorn Herds

Shorthorn Field Day
Planned November 2
At Beardsley Farms

Florida Shorthorn breeders and others interested in the breed will be guests of Beardsley Farms, Clewiston, for the annual Florida Shorthorn Breeders Association Field Day on Monday, November 2, according to Owner Jim Beardsley.

During the morning the group will be with the purebred herds, with the afternoon program including the Beardsley commercial herd at Hicpochee near Moore Haven, a visit to U. S. Sugar Corporation's crossbred herds, and a tour of cane fields and the sugar mill. Lunch will be provided on the grounds.

Detailed program plans will be announced at a later date, according to Beardsley. Any one interested is invited to attend.
National S'horn Conference
Stresses Meat

The meaty steer of tomorrow will be reasonably wide over his top, deep bodied, and longer, Kenneth R. Fulk told Shorthorn breeders attending the Second National Shorthorn Progress Conference at Ohio State University, July 23-25.

Fulk, executive secretary of American Shorthorn Association, stated further that if the meaty steer has these characteristics, he will be a fast doing, healthy, efficient steer—for both the cow and calf man and the steer feeder. This will result in a product the packer will enjoy processing because it will suit the consumer's demand, he added.

Fulk pointed out the variations in carcass quality between similar cattle, and that the variations are inheritable, but because of the variations, improvements can be made, cooperating with scientists.

"We will make improvement by not going to any extremes in any of the characteristics, such as bone and size," he said.

Other speakers on the program came from six states and Canada, besides the Ohio State University Animal Husbandry staff and officers and staff members of the Shorthorn Association.

One of the important purposes of the conference, according to Fulk, was to study the needs of the changing meat industry and determine how Shorthorns and Polled Shorthorns could best meet these needs today and in the future.

Dr. Thomas Marlowe, professor at Virginia Polytechnic Institute, told the breeders that progeny and performance testing of beef cattle is rapidly coming beyond the experimental stage to the application of research findings in breeders' herds.

There was also a ladies' program, including talks by lady professors at Ohio State University, on subjects like "New Developments in Meat Cookery."

A Truly Great Herd!

We are truly proud of this great herd that has won us so many championships over the past few years. This herd is represented by some of the most powerful bloodlines in America today . . . and has proven it by consistently producing superior animals.

Winnings

During the past show season our string won 69 first places and 50 second places in strong competition. Included in these winnings are 7 first place Senior get-of-sire awards and 4 first place Junior get-of-sire awards. We had the second place Premier bull while taking both first and second place Premier Heifer awards. We bred the Reserve Champion FFA and Reserve Champion 4-H steers at Orlando's Southeastern Fat Stock Show in 1959. All of our winning show string was sired by WL BANK STANDARD 8th, our International Congress Champion Bull.

For Sale

Open and bred heifers, cow and calf combinations, and 10 bulls from 15 to 24 months old, all sired by W. L. Bank Standard 8th, except the cows.

JACKLEN FARMS
C. R. (Jack) and Lennie O. Hooker, Owners      G. W. Ruis, Herdsman
Phones: Business 2-4131, Home 3-8091, Farm 3-6588
PLANT CITY, FLORIDA

Polled Shorthorn Bulls
"Breeders Since 1947"
Cross your cows with bulls that will make heavier calves and won't drain your pocketbook.

Orangewood Stock Farm
C. B. Rodenberg, Rt. 2, Box 158, Orlando, Fla.
5 mi. north of Orlando on Hwy. 441, at the Ri-Mar Show turn west and look for my sign. It is only 500 feet off 441 west of the show. Ph. GA 5-6152.
THE
SHORTHORN BREED

...Your Key to a Better Crossbreeding Program

Shorthorn crossbred steers such as the one pictured above grade well and bring a premium price from the packers.

CROSSBRED SHORTHORN CALVES like these pictured above can mean more dollars in your pocket when you use Shorthorn bulls in your commercial beef operation. The extra profit-making possibilities aren’t guesswork when you look at today’s price differential of three to four cents for good calves from Shorthorn bulls.

More weight for age, better mothers with more milking ability and more quality calves, plus many other good beef producing factors can all be yours by using Shorthorn bulls.

Shorthorn cattle will prove their value to you by utilizing Florida pastures to produce more beef and you will appreciate the fact lethal dwarfism never has and is not now a problem in the Shorthorn breed.

By using Shorthorns you can market three months earlier and have 50 to 100 pounds more per calf at weaning time.

If you are upgrading native cattle, you will be interested to know that some of the most successful commercial herds in the state have been built by using good Shorthorn bulls.

1959 ANNUAL SHORTHORN FIELD DAY

Please consider this as your personal invitation to be with us at the Florida Shorthorn Association’s Annual Field Day as guests of Beardsley Farms, Clewiston, on Monday, November 2.

The program is definitely designed to be of interest to commercial cattlemen as well as registered breeders. A tour of the United States Sugar Corporation mill will be conducted as well as a tour of the farms. Make plans now to attend this event.

You can buy Shorthorns with confidence!

Write this association today for more information and a list of Florida Shorthorn breeders that are standing ready with quality cattle to supply your needs.

FLORIDA SHORTHORN BREEDERS’ ASS’N

Mrs. Henry L. Smith, Secretary, Winter Haven, Florida
52 Million Handled by By Markets

by C. T. “Tad” SANDERS
Nat'l Ass'n of L.S. Auction Markets

The nation’s markets—more than 2300 livestock auctions and 57 private treaty centers—had handled more than 52 million head of livestock when chanting auctioneers and commissionmen wound up the first half of 1959, according to Livestock Market Foundation, independent statistical and research agency of the National Association of Livestock Auction Markets.

That figure was forecast based on actual salable receipt totals for the first five months of 1959 with June consignments estimated by LMF statisticians.

The all-markets totals include: 17,689,000 cattle, 6,098,000 calves, 21,834,000 hogs, and 6,436,000 sheep and lambs.

Of all cattle and calves consigned to auction rings and stockyard pens during the first half of 1959, the nation’s increasingly popular independent livestock auction markets sold nearly 16 million head—a whopping 77 percent share of the all-market total for the six-month period.

In addition, the busy high bid system markets handled 9,798,000 hogs and 3,120,000 sheep and lambs.

Air Pollution Nominees Named

The Florida Cattlemen’s Association (by letter to Governor Collins) has endorsed four cattlemen for appointment to the Florida Air Pollution Control Commission. The quartet had previously been recommended for appointment by the Citizens Air Pollution Committee, a Polk County group of which Arthur M. Bissett, president of the Polk County Cattlemen’s Association, is secretary.

FCA President Alto Adams, Jr., of Fort Pierce wrote the Governor that FCA “feels definitely that the air pollution problem needs very careful consideration by a commission made up of men who have the qualifications to study and try to solve this problem to the best interest of all concerned.”

Those recommended were: Ledley H. Wear of Lakeland, Ralph E. Summer of Brandon, Morris G. “Pete” Crum of Plant City, and Horace Miley of Lithia—all of them active in FCA work.

Recommendations of these men, and of six citrus men, were made by the Polk and Hillsborough County Cattlemen’s Associations, by the Polk County Farm Bureau, by the Citrus Mutual directors for Polk and Hillsborough counties, and by FCA.

FIFTH ANNUAL FEEDER CALF SALE

Sponsored by the Leon County Cattlemen’s Association

Thursday, September 17
2:00 p.m.—Monticello Stockyard
Monticello, Florida

We are happy to announce this sale of good feeder calves and invite you to be at the sale if you’d like to bid on a top offering. The animals will be graded into uniform groups before the sale.

We plan to sell over 750 head. The sale will be restricted to steers and heifers only and no animal can sell with registration papers. All breeds will be accepted but animals must show a predominance of beef breeding with a minimum weight of 250 pounds at sale time.

This is the Fifth Annual Sale, and each year the quality of our offering has consistently improved. This year we will have the best feeders yet!

FEEDLOT OPERATORS, ATTENTION!
In addition to calves, we have a good offering of yearling steers ready to go on feed. For further information, contact County Agent Lloyd Rhoden, Phone 3-0779, Post Office Building, Tallahassee, Florida.

Leon County Cattlemen’s Ass’n TALLAHASSEE, FLORIDA
FEEDER & STOCKER Sales Are Slated at Gainesville, Arcadia and Monticello

**Good price levels anticipated on offerings at Angus and Hereford feeder calf sales, Leon feeder sale, Highlands Feeder sale, and feeder-stocker sale at Jackson’s market**

**September is “Feeder Calf Sale” season in Florida—and this year the buyers and sellers will have five different sales in which to participate.**

The schedule will go like this:

Friday, September 11—Jackson Live-

among the 429 calves averaging $20.15, or $3 more per head, was that the Grade Angus breeders were induced to hold some of their calves for the sale, and the preliminary story in the magazine lists J.R. Edwards of Irvine as consigning 90 head, and L.E. Ramsey of Micanopy 40. Edwards was chairman of the sale committee, with Ramsey and Henry Chitty of Gainesville as members.

A.R. Zetrouer, this year’s feeder sale chairman, was president of the Florida association that year, and his daughter, Jeannette, now Mrs. Chitty, was secretary-treas-

**That First Feeder Sale Was in 1948**

It took a bit of “gambling instinct” when the Florida Aberdeen-Angus Association (itself only three years old) decided to tackle a Feeder Calf Sale—Florida’s first—back in 1948. The gamble was double-barreled.

First of all, there was a real question whether there were enough black cattle available to hold such a sale, and whether the cattlemen owning them would hold them for a special auction. Secondly, it was by no means certain that there would be sufficient good quality animals in the group to satisfy the feedlot and stocker buyers who were expected to purchase the offering.

But the Angus breeders were just beginning on their career of “firsts” (they also started—in later years—the herdsmen’s short courses and initiated other activities new to Florida). So they went ahead and scheduled the first sale at the Gainesville Livestock Market for October 6, 1948. The October issue of THE CATTLEMAN tried to cover all possible angles in promoting the sale. For example, one paragraph in the sale story reflected the possibility that the feeder buyers wouldn’t be on hand:

“Some, of course, will be faster than others, and the sponsors want to point out that some of the calves will be ready for slaughter should someone want extra beef for their locker.”

Grade Angus breeders were induced to hold some of their calves for the sale, and the preliminary story in the magazine lists L.R. Edwards of Irvine as consigning 90 head, and J.P. Ramsey of Micanopy 40. Edwards was chairman of the sale committee, with Ramsey and Henry Chitty of Gainesville as members.

A.R. Zetrouer, this year’s feeder sale chairman, was president of the Florida association that year, and his daughter, Jeannette, now Mrs. Chitty, was secretary-treasurer. A prophetic article by Jeannette was published among the sale promotion material, including the statement that “Florida is going to be recognized more and more as an important source of feeder cattle for other states.”

There was little quality control possible on the first sale, with most of the entries simply qualifying because they were “black and butt-headed.” Nevertheless, the 429 calves averaged $20.15 (about $3 above market) that year—and Florida’s largest feedlot area, represented by Cortell (Stoney) Edwards of Quincy, purchased 123 of them for an even $10,000 of the total $29,154 sale gross. (He’s bought every year since, too!)
$500 • $500 • $500 • $500 • $500 • $500 • $500

Free Prizes at the Grand Opening of the Gainesville Stockman Supply Co.

Florida’s Newest, Largest and Most Complete Stockmen’s Supply Store
Located at Gainesville Livestock Market

FRIDAY, SEPTEMBER 18TH

3000 SQ. FEET

7 A.M. TO 7 P.M.

COBALT BULLETS
COOPER-TOX SPRAY
PHENO-THIAZINE
CATTLE CHUTES
SYRINGES & NEEDLES
SADDLES & LARIATS
HOT SHOT PRODS
PENICILLIN & DRUGS
CATTLE OILERS

JUSTIN BOOTS & BELTS
ACME BOOTS HATS
WRANGLERS LEVI’S
COMPLETE WESTERN WEAR
BULL WHIPS BRIDLES
SHOW EQUIPMENT—BITS
NECK CHAINS AND TAGS
DEHORNERS SPURS
FEED TUBS & BUCKETS

"Quality Merchandise • Largest Stock • Fast Service • Fair Prices"

Registration Begins at 7:00 A.M., September 18th, and Closes at 7:00 P.M.

Prizes will be given every half hour—at least $10 worth of free merchandise of the brands handled in the store each time. Many of the prizes will be worth up to $35, or more. Prizes will consist of merchandise which we stock and sell: Maybe a pair of Justin Boots, or Acme Boots, a Hat and Shirt, A Pair of Stirrup Leathers, Tie Straps and a Lariat, A Case of Insecticide Spray, Set of Syringes and Needles, with a Carton of Penicillin, or Most Anything Handled in the Store that Will Amount to $10 or More When Grouped Together, or Individual Items Worth Over $10. You may even choose your prize from the group of prizes that will be on display on this date—September 18th (same day as the ANGUS FEEDER CALF SALE)—as far as possible.

GRAND PRIZE WILL BE A "SIMCO" QUARTER HORSE SADDLE

You must be present to win, prizes every half hour. Register at the door, browse around the store for 30 minutes, and your name just might be called. Another group of names the next half hour, and so on until 7 p.m., when all registration cards will be considered for winner of the GRAND PRIZE. We will announce the winner, and (if not present) will hold the saddle for him or her until they call for it. All registration cards will have name and address filled in.

THIS IS AN OPEN INVITATION TO EVERYONE TO COME VISIT WITH US SEPTEMBER 18.

Even if You Don't Get a Prize, You Will Be Very Glad You Visited This Store to See the Best Line of Stockmen’s Supplies and Western Wear in Florida.

Route 3, Box 428
FRANKLIN 2-8916

GAINESVILLE STOCKMAN SUPPLY COMPANY
Located at Gainesville Livestock Market
"YOU NAME IT—I HAVE IT—OR CAN GET IT!"

Gainesville, Fla.
FRANKLIN 2-8916
Buyers! Don't Miss the ABERDEEN-ANGUS FEEDER CALF SALE

2000 Angus Calves Will Sell At Gainesville September 18!

THIS WILL BE THE TWELFTH ANNUAL SALE at the Gainesville Livestock Market with these good feeder calves to begin selling at 12:30 p.m. on Friday, September 18. Calves have consistently brought from two to five cents more per pound in these sales...a proven profitable outlet for your Angus feeder calves. SELECT YOUR ENTRIES NOW!

Rules and regulations limit consignments to Florida animals only, to be consigned by producer. Steer and heifer calves only, under two years of age and weighing at least 250 pounds. Entries must show PREDOMINANT Angus characteristics including no scurs or horns and any white on bellies must not come above the flanks.

Rejected animals will not sell in this same sale or on the same day. Rejects will include bulls, cows, springer heifers, dwarfs, warty animals, blind or discolored in one or both eyes, cripples, and others so designated by the sifting committee to have defects.

The sale will be limited to 2000 entries and all animals must be entered on an official entry blank. Entry deadline will be Saturday, September 12. Blanks may be obtained by writing Albert R. Zetrouer, Chairman, Angus Feeder Calf Sale, Route 1, Micanopy, Florida or L. H. Thompson, Gainesville Livestock Market, Gainesville, Florida.

J. E. Pace of the University of Florida Agricultural Extension Service and Gifford Rhodes, marketing specialist with the Florida State Marketing Bureau, will serve on the advisory committee for this year's sale.

Sponsored by the FLORIDA ABERDEEN-ANGUS ASSOCIATION

Attention Feeder and Stocker Buyers!

DON'T MISS THIS SALE!

ONLY Steers and Heifers at 250 lbs. or More Sell
Buyers! Don’t Miss the

FLORIDA
HEREFORD
ASSOCIATION

FEEDER CALF SALE

1 P.M., Friday, September 25, Gainesville, Florida

HEREFORD CROSSBREDS WILL BE ACCEPTED

IN AN EFFORT TO INSURE BUYERS for a greater number of good-type feeder calves at one event, the Florida Hereford Association has decided to accept both Herefords and Hereford crossbreds.

Rules and regulations are similar to previous sales. All animals must be officially entered before Tuesday, September 15, 1959. Entry blanks may be obtained by writing John R. Culbreath, president, Florida Hereford Association, Rt. 4, Box 547, Brooksville, Florida or L. H. Thompson, Gainesville Livestock Market, Box 175, Gainesville, Florida.

PLAN NOW TO ATTEND THE FLORIDA HEREFORD ASSOCIATION BULL SALE AT WEBSTER, NOV. 5—SELLING 100 BULLS.

Cattle officially entered will be accepted for inspection and penning until 12 noon, Friday, September 25.

1500 HEAD WILL SELL
ALL-BREED STOCKER AND FEEDER SALE
Jackson Livestock Market, Gainesville, Florida
FRIDAY, SEPT. 11, 1959
1:30 P.M.

Featuring Hereford, Angus, Brahman, Hereford-Brahman Crosses, and Angus-Brahman Crosses. This sale will feature steers, heifers and calves with a minimum weight of 200 pounds and a maximum age of two years.

Make plans to be with us on this date because this will be one of the biggest and best sales of the season. We plan to have at least 1200 animals on hand with enough variety to meet every buyer's need. They will be grouped in uniform groups for your convenience and easy handling.

Auctioneers: BOB COOPER
GENE RAWLS

Selling at Least 1200 Head

JACKSON LIVESTOCK MARKET
Gainesville Phone FR 6-7211 Florida

YOU'LL NET MORE by selling direct to us, due to less shrinkage and less bruising. Let us bid on your cattle. Contact

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JACKSONVILLE, FLORIDA

SOUTH AND CENTRAL FLORIDA
Phone Dick Howell, Bartow 2-6551
NIGHTS OR SUNDAYS
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Don't Miss An Issue!
One Year, $2.00; Two Years, $3.00; Four Years, $5.00
The Florida Cattleman

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Florida's leading purebred and commercial auctioneer...
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SARASOTA, FLA.
LET US HAUL YOUR CATTLE... 40 foot semitrailers, single and double decked. Fast service, just phone us.

only steers and heifers, with no animals selling with registration papers. "All breeds will be accepted," the rules state, "but animals must show a predominance of beef breeding with a minimum weight of 250 pounds at sale time." There will be an offering of vealsteers, too.

In addition to Rhoden, other sale officials are: Jack Pons, general chairman; Bill Boynton, solicitation; Sloan Baker, Jim Pace, grading.

Angus Sale...
Oldest, and historically the largest, of the feeder sales is that sponsored by the Florida Aberdeen-Angus Association and scheduled this year for the twelfth time at the Gainesville Livestock Market, starting at 12:30 p.m., on September 18. 2000 head are expected this year, considerably more than in the past, with steer and heifer calves under two years old and weighing 250 pounds or more with predominantly Angus characteristics, required under the sale regulations.

In the past, rejected animals have been allowed to sell following the main sale—but not this year. Chairman A. R. Zetrouer of Micanopy says "rejected animals won't sell in this same sale or on the same day, and will include: bulls, springer heifers, dwarfs, warty animals, blind animals (or any with one or both eyes discolored), and others designated as having defects by the inspecting committee." Entries in this sale must be entered by September 12, and on official entry blanks, obtainable either from Zetrouer, or the market.

Special feature of sale day will be the grand opening of the Gainesville Stockman Supply store, located on the Gainesville Livestock Market grounds, with special prizes to be given away every half hour throughout the day by Owner J. C. Ivey and Manager Ralph Going.

Hereford Sale...
The Florida Hereford Association has had a feeder calf sale every year starting in 1952—but more entries (an estimated 1500 this year) will sell at the 1959 event on September 25, at the Gainesville Livestock Market, beginning at 1 p.m., than ever before, if advance predictions are accurate.

For the first time the sale will not be limited solely to calves with Hereford characteristics predominating. Hereford crosses with other breeds may sell, according to John Culbreath, Brooksville president of the sponsoring group. No bulls will be sold, no animals with registration papers, none over two years of age, and all must exceed a minimum weight requirement. Cattle may be entered for the auction sale as late as noon on sale day, says Culbreath—but advance entries are desired and may be made through Culbreath or L. H. Thompson, manager of the Gainesville market.

"We will have only quality animals in this sale," says Culbreath, "and we invite anyone interested in selling good quality animals, as well as feedlot operators and grass fattlemen who want to buy quality to participate."
UF Nutrition Work Is "Capsuled"  
by JAMES F. HENTGES, JR.  
Dept. of Animal Husbandry, U. of F.

BEEF CATTLE nutrition research on the campus is centered at the animal nutrition laboratory and the purebred beef experimental unit. The purpose of these two adjacent units is to utilize their facilities for chemical analyses, digestibility trials, and the individual feeding of cattle to study in detail the problems under feedlot and pasture conditions.

In recent years, research at the purebred unit has been directed primarily toward: establishment of protein requirements for steers, bulls, heifers and cows; the comparative physiology of Brahman and Hereford females; the nutritive evaluation of forages; the self-feeding of silage; and the nutrition of calves.

An obvious need for research on the protein needs of cattle is evident in the general poor growth of cattle in peninsular Florida and especially in the fact that their rate of reproduction is, by far, the lowest in the nation. (See latest calf crop figures on page 6 of this issue.)

With the exception of mineral elements, protein is often the only nutrient needed in a supplementary feed—but it is an expensive nutrient to purchase; hence, the need to learn the right amount to feed to the various ages, breeds and sexes.

To date, ten wintering trials with breeding animals have been completed, six with yearling heifers that were bred during the trial, two with gestating-lactating cows, one with wintering heifer calves and one with bull calves.

Although nutrition research requires lengthy periods of time to accumulate

CONSUMPTION...of feed can be regulated and detailed observations made on these Brahman heifers in individual stalls at the University of Florida's Purebred Beef Unit. Temperature, respiration rate, signs of estrus (heat), are all recorded on each individual.

Plan Now to Buy Your Feeders at the First Annual  
Highlands County Cattlemen's Association  
FEEDER CALF SALE  
at the Arcadia State Livestock Market  
WED. SEPT. 16TH, 3:00 P.M.  
ARCADIA, FLORIDA

The Highlands association plans to sell over 400 head of English and English-Brahman cross calves—all of them graded by our grading committee. These calves will come directly from the ranches to the market—and they will be of a quality which will make money for any feed lot.

In addition to calves, we will sell about 100 long yearling steers, ready to go on feed.

For further information, contact

HIGHLANDS COUNTY CATTLEMEN'S ASS'N  
County Agent B. J. Harris, Jr., Phone EVERgreen 6-4161, P. O. Building, Sebring, Fla.
Carl McIntyre, Phone EVERgreen 5-1887, Sebring, Florida

or contact the  
ARCADIA STATE LIVESTOCK MARKET  
Pat Kelly, Manager, Phones: WA 8-3151, WA 8-6901, Arcadia, Florida
enough data to justify recommendations in bulletins for cattle producers, it has been possible to report the progress of these protein studies in the annual reports of the experiment station, in abstracts of papers presented before the American Society of Animal Production and in graduate student theses.

Briefly, these studies show that a total protein intake of less than 0.7 pounds per day will not support growth and may interfere with the regular appearance of estrus (heat) in yearling heifers. An intake of 0.8 pounds digestible protein (about 1.2 pounds total protein on high roughage rations) is recommended for wintering yearling heifers which are to be bred the following spring at two years of age. This level of protein intake, in an otherwise balanced ration, should support a weight gain of 1/2 to 3/4 pound per day.

Lactating cows fed 0.7 pounds of digestible protein per day, which is half the recommended amount, have produced less milk and lighter weight calves than cows fed adequate protein. It is of interest that this lower level of intake is the one often fed on ranches where clover grazing is not available.

Brahman cows, representatives of the *Bos indicus* species, were observed to be heavier milk producers than Herefords, representative of the *Bos taurus* species, especially during the first 90 days of the lactation period. This may indicate a need for using dairy cattle feeding standards when calculating Brahman lactating cow rations if one expects the cow to avoid weight losses and the all-too-frequent failure to show estrus or to breed while lactating.

Heifer calves should be fed at least 0.7 pounds digestible protein per day (about 1.1 pounds total protein where most of the ration is roughage) during the winter if gains of 3/4 to one pound per day are expected.

Bull calves, presently on experiment, have shown that a low protein intake may not be as critical for reproduction in bulls as it is in heifers. Observations that the feeding of fattening rations to bulls may be harmful are being investigated.

Two wintering trials and several digestion trials have been completed with Coastal Bermuda hay harvested before and after frost from fields fertilized with 50, 100 and 200 pounds of nitrogen per acre. Each year, the highly fertilized fields have yielded about eight tons of hay analyzing over ten percent total protein.

These hays plus trace mineralized salt and defluorinated phosphate have been fed to yearling heifers in drylot for wintering periods of about three months. All lots gained weight except those fed hay cut after frost from the low nitrogen fertilizer treatment. All lots of heifers showed regular estrus.

In order to lay some of the groundwork for the establishment of a needed forage and feed testing facility for cattlemen considerable time has been spent comparing methods of evaluating feeds, especially...
The Florida Dairy Farmer

Special Section of The Florida Cattleman and Livestock Journal for September 1959
THIS SAME Condé "400" TEAT CUP ASSEMBLY WORKS FOR EVERY INSTALLATION!!!

The Condé teat cup assembly has easy connections for air and milk lines. The milk tube slips on to the convenient, sanitary inlets, and the pulsator snaps into the Condé automatic stall cocks with one easy movement. Designed for simple, easy cleaning and is washed and sanitized at the same time the entire system is cleaned — one operation!

Parlor Milking, walk-through or gate-type, makes use of Teat Cup Assemblies in any number to fit your size operation.

Around the Barn milking is a cinch with the "400" Assembly ... easy and light to handle with fast, efficient milking.

Condé Dri-Air Panel is specially designed for fast clearing and complete drying of Sanitary Milk Line. Result — the most sanitary cow-to-cooler milk handling!

Condé Sanitary Milk Inlets are drawn from a full length of stainless steel tubing, positioned to drain into milk line. The snap-on protectors eliminate bothersome spigots, insure a most sanitary pipeline.

The Herringbone Parlor with the Condé "400" Teat Cup Assembly is a modern milking installation.

Condé PATENTED 8 INFLATIONS

The Condé Patented #8 Inflations have an exclusive 'upward' squeeze that assists nature in a positive way to circulate the blood in a normal manner during milking ... same action and safety with short or long teats.

Condé Milking leaves cows in hand milked condition!

Ask your nearest dealer for complete details or write direct to Condé!

See Farmers' Cooperative Exchange, Pine Castle, Florida
The Supreme Court of Florida has ruled with the Florida Milk Commission on the following significant points:

1. That the present base plan establishing uniform producer-distributor relationships is valid and that “the Commission by order may rule what is reasonably incidental to prevention of disrupting and demoralizing price manipulations and unfair trade practices.” (This may be justification for commission action to set a floor retail price to prevent destructive loss-leader sales.)

2. That distributors may be required by the Commission to accept all milk from their producers and pay minimum prices therefore, “provided it acts reasonably under the circumstances before it.” Utilization pricing was upheld with the comment that “the greatest advantages of such a system clearly flow to the distributor for he pays for milk based upon his own utilization thereof. And pursuant to such a system, so long as the Commission acts within reason, it may encourage or require the distributor to take all of a producer’s milk.

3. That the present minimum commission prices for Class I and Class III milk were upheld, with the comment that the “appellant was represented at the hearing but offered no testimony, nor did it offer any objection to what was offered at the time.” The court stated, further, that “on the basis of facts found, prices on Class II and Class III milk were prescribed and there is no showing that these prices were arbitrary or unreasonable.”

4. That prices may be regulated on the producer level only, retail level only, or both.

The Florida Milk Commission will be strengthened immeasurably both in prestige and supervisory powers by these court decisions. Distributors are asking for a new hearing.

Some conclusions Florida dairy farmers ought to gain from this long-drawn-out distributor opposition to closer regulation of their dealings with producers are:

1. It was local dairy farmer organizations which sponsored all of these measures in the first place. Local producer organizations provided legal aid through Frank Scruby to the Commission in conducting the court presentation.

2. No better evidence can be given of the importance of these orders and how much they mean to us than the fact that Borden, Foremost, and Southern now owe their producers over $300,000 in connection with pricing portion (Class I, II, III, and butterfat) alone of the contested orders. This does not include at least that much more paid by other distributors who complied with pricing orders.

3. The minimum of $600,000 extra income to producers involved in the milk pricing orders alone since their passage should be credited to work over a long period by local milk producer associations. Any dairyman who is receiving or will receive benefits from this work ought to be at least a paying member of his local association. To do less is to accept a free ride at your fellow dairyman’s expense.

4. The amount of money involved in these court cases illustrates the importance of little things in the dairy business. Often, I am sure, you think your organization is making a lot of fuss over something that means very little, but this demonstrates dramatically how small things like an increase from .5 cents to .65 per point of butterfat differential are really very important. Distributor interests are well aware of the importance of little things, as evidenced by these suits.

Elbert Cammack, President
Florida Dairy Farmers Federation

These local associations are members of the Florida Dairy Farmers Federation

Alachua County Breeders Ass’n
Central Florida Milk Producers Ass’n
Independent Dairy Farmers Ass’n
Northeast Florida Milk Producers Ass’n
Northwest Florida Milk Producers Ass’n
Gainesville
Orlando
Fort Lauderdale
Jacksonville
DeFuniak Springs
Tampa

for September, 1959
FEDERATION Officers Are Elected at Gainesville Meet

Executive secretary idea okayed by locals, but further study on feasibility will be made before definite action

Elbert (Bill) Cammack and Dr. Jim Acree were re-elected president and vice president of Florida Dairy Farmers Federation at the annual meeting of the federation in Gainesville, July 28.

Bob Butler, vice president of Independent Dairy Farmers Association in the Miami area, was elected secretary-treasurer of the federation, replacing Wayne Webb of the West Coast Association, who is going out of the dairy business.

Cammack and Acree were elected to their offices a year ago when the federation was formed. They were re-elected unanimously at this, the first annual meeting.

New directors, elected by the local associations and installed at the annual meeting, were Harvey Brown, from Alachua County Breeders Association, and Butler.

Directors and members present at the meeting gave Cammack a vote of thanks for the work and leadership he has provided the organization during its first year.

Getting down to business, the directors voted for a change in the by-laws of the federation allowing each local association two directors instead of one. They also changed the date and place of the August meeting to coincide with a joint meeting scheduled with directors of the similar organization from Georgia to discuss mutual problems.

Both meetings will be held in Jacksonville, August 28. The regular meeting will be held in the morning and the meeting with the Georgia group will begin at 2:30 p.m. Northeast Florida Milk Producers Association will be hosts at the meetings.

Cammack brought up the subject of an executive secretary for the federation and asked each director what his association had decided on the issue. All representatives said their associations had endorsed the idea but several wanted a more thorough study made of the feasibility of hiring a secretary before taking any definite action to employ such a man.

Alex G. Shaw, Florida State Department of Agriculture, talked to the group briefly about sanitation problems. He said both laws—Florida Statutes 502 and 503—needed considerable revision and emphasized that it is never too soon to start working on a proposed legislative program.

Cammack, in his president’s report, called for more action in getting additional members for local associations and bringing more associations into the federation.

This was the federation’s first membership meeting and was held in the J. Hills Miller Health Center at the University of Florida.

Re-Hearing Asked in Milk Commission Suits

Four milk distributors have filed for a re-hearing on three decisions handed down by the Florida Supreme Court in favor of Florida Milk Commission.

The decisions were handed down by the high court on July 31, and upheld earlier decisions by Leon County Circuit Judge Ben Willis, who had earlier ruled in favor of the milk commission.

The original suits were brought against the commission by Borden’s Dairies, Foremost Dairies, Sealtest Dairies and G. A. Perret, Incorporated, milk distributor in Jacksonville. Each suit contested a different order of the commission, issued in October, November and December, 1957.

The first suit concerned the commission’s base plan order. The Supreme Court ruled, in effect, that the present base plan is valid and that “the commission by order may rule what is reasonably incidental to prevention of disrupting and demoralizing price manipulations and unfair trade practices.”

The second suit arose out of the commission’s order that distributors must accept all milk sent them by producers, at prices set by the commission, as long as the prices are reasonable.

In the other suit, distributors contested the commission’s authority to set prices on surplus milk, and power to repeal retail price control while leaving the price paid to producers on a controlled basis.

Also involved in this suit was the commission’s order raising the price distributors must pay producers, from five mills to 6.5 mills per point of butterfat differential.

The distributors have filed for a new hearing on the basis of new evidence. However, the Supreme Court decision states—in the case concerning the commission’s price setting power on surplus milk—that “appellant was represented at the hearing but offered no testimony, nor did it offer any objection to what was offered at the time.”

If the distributors are given a re-hearing it will be after September 7. The Supreme Court will not re-convene until that date.

OFFICERS . . . of the Federation for 1959-60 pose in front of the J. Hills Miller Health Center at Gainesville after their election, from left, President Elbert “Bill” Cammack, Vice President Dr. Jim Acree, Secretary-Treasurer Bob Butler.

Federation Passes Its First Birthday

The Florida Dairy Farmers Federation has passed its first birthday with a year of solid achievement behind it.

Formed in July 1958, following a meeting called by officials of the old Florida Dairy Association and the Florida Milk Producers Association, the Federation took in elements of both—but pounded out an organizational scheme considerably different from either—in a series of meetings held during the early fall of 1958.

Following its organization, the Federation named THE CATTLEMAN as its official publication—and the quarterly special dairy sections, plus monthly dairy news items, have resulted from this action.

The Federation is composed of six independent chartered local groups (others would be welcomed) and has no individual members. No group is bound by actions of the Federation—but in practice unanimous agreement is achieved before a public stand is taken.

This procedure has strengthened all efforts made by the Federation, including “selling” a constructive program to the 1959 legislature.

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The Home of X-TRA-GOOD Feeds

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41% Cattle Cubes
20% Cattle Cubes
Calf Chops

There is no substitute for quality and service. Our large fleet of trucks and trailers stands ready to give immediate delivery of our quality feeds anywhere in Florida.

A COMPLETE LINE OF DAIRY, POULTRY AND LIVESTOCK FEEDS

GUARANTEED ANALYSIS
CRUDE PROTEIN, *not less than . . . . 41.00%
This includes a Maximum on 7.86% equivalent crude protein from non-protein nitrogen.
CRUDE FAT, not less than .......... 2.50%
CRUDE FIBER, not more than . . . . . 9.00%
Calcium (Ca), not less than . . . . . 1.50%
Calcium (Ca), not more than . . . . . 3.00%
Phosphorus (P), not less than . . . . . 0.90%
Salt (NaCl), not more than . . . . . 3.50%
Iron (Fe), not less than . . . . . 0.18%
Copper (Cu), not less than . . . . . 0.01%
Cobalt (Co), not less than . . . . . 0.002%
Manganese (Mn), not less than . . . . . 0.05%
Iodine (I), not less than . . . . . 0.001%

INGREDIENTS: Cotton Seed Meal, Soybean Oil Meal, Peanut Meal, Meat and Bone Meal, Rice Bran, 262 Feed Compound (Urea, Wheat Mixed Feed, Kolin), Cane Molasses and 10% Mineral (Steamed Bone Meal, Calcium Carbonate, Red Oxide of Iron, Manganese Sulphate, Copper Sulphate, Cobalt Carbonate, Potassium Iodide, and Salt.)

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FLORIDA
MILK PRODUCERS... of Northeast Florida are led by these officers and directors, from left: Front, Fred B. Miller, Jr., Arthur Thien, Jr., Jim Watson; Carroll Lamb; Rear, DuPont Magill, L. E. Geiger, Jr., Raymond Neilson, Jim Carr.

Northeast Milk Producers
Back Their Association!

"To promote" are the first two words Northeast Florida Milk Producers Association lists under "Purposes of the Organization" and, with Fred Miller, Jr. as president and Wm. Carroll Lamb as executive secretary, they get a lot of promoting done.

The NE association is the one you read about in the papers--meeting with the Milk Commission, putting on a big field day and banquet at the annual meeting with a nationally-recognized speaker, setting up meetings between directors of Florida Dairy Farmers Federation and the similar organization from Georgia, and putting out a highly useful handbook. The promotion is strictly constructive!

Another of the purposes listed is, "To act as the representative of member milk producers in all legislative matters of special interest and concern to their business." NE did its share in the recent legislative session and its leaders and members are very active in attending, and advising, milk commission meetings and Florida Livestock Board meetings.

All the work isn't done by the president and executive secretary in NE Association, however.

Dr. Jim Acree, a veterinarian and dairyman, is an example of one of the outstanding members who lends his active support to the association. He is a past president of the organization and is its spokesman, as director, at all federation meetings. He is also vice president of the state federation.

Other active directors in NE Association include: Jim Watson, Duval County Agent, who is secretary-treasurer of the organization; Jim Carr; L. E. Geiger, Jr.; George Johnson; DuPont Magill; J. W. McNarnay: Norris Farnell, Jr.; A. B. Thien; and J. S. Wells, Jr.

The organization has gained seven new members in the past year and its membership now stands at 52, with an average total production of more than 800,000 gallons of milk monthly. This gives them: 52 percent of the producers in the area; 81 percent producing for that area; 81 percent of all milk produced in the area; 81 percent of Duval County production by farm wholesale, not including milk produced by producer-distributors.

Some of the services dairymen get from their association membership include:

Representation at all milk commission and livestock board meetings: Carroll Lamb has not missed a meeting of the commission since he became executive secretary last year and one of the association's members, I. H. Owen, has been attending all livestock board meetings, for both the association and the federation.

Through the efforts of the association and the federation, the brucellosis conversion deadline was extended to a more suitable time of the year--Spring, when milk is more plentiful, beef market is high and replacements are cheaper. Through these combined efforts also, the milk ring test is now being used in the NE area, rather than the blood test.

Excellent legal representation is another service of the association. A favorable decision in the contest over the milk commission's authority to set prices on Class I and Class II will mean more than $100,000 to producers in the area. A favorable ruling has already been handed down by the Supreme Court but distributors have delayed the pay-off by filing for a re-hearing.

The association is very active in 4-H work. It has presented trophies for 4-H shows on the local, district and state levels. Directors have also voted to help finance the state 4-H dairy judging team's trip to National Dairy Congress in Waterloo, Iowa.

One big purpose for forming the association was to engage in a cooperative effort of marketing their product. Naturally, the association is active in this phase of the milk business.
ANAPLASMOSIS continues to be one of the most costly diseases of cattle in Florida.

The disease which affects a high percentage of all cattle in the state at some time during their lives is difficult to control for two major reasons.

First, nearly every animal that gets the disease and recovers continues to be a "carrier" for the rest of its life. Therefore, it is a constant source of infection for all cattle in the vicinity. Secondly, anaplasmosis is easily spread from a sick or carrier cow to healthy cattle by biting insects such as ticks, flies, horse flies, and mosquitoes. In addition it is easy to spread the disease from cow to cow with contaminated castrating knives, dehorning equipment and needles used for vaccination, because the disease can be spread by a fraction of a drop of blood.

Effective control of anaplasmosis can be accomplished by using a variety of methods including sanitary procedures, preventive treatment with drugs and treatment of sick animals.

Sanitary procedures in the control of anaplasmosis involve reducing the spread of disease from carriers to healthy cattle by keeping insect infestations at a minimum. Because horse flies and ticks probably are the most important insect spreaders of anaplasmosis, horse fly breeding areas should be eliminated and the cattle kept free of ticks by systematically spraying the cattle with repellents and insecticides.

Castrating, dehorning and vaccination equipment, including all hypodermic needles, must be cleaned and disinfected between cows. We believe that more anaplasmosis is spread by people in Florida than by insects.

It is possible to prevent the occurrence of anaplasmosis in a herd of cattle by the constant feeding of drugs such as the tetracycline antibiotics. The main drawback to this form of prevention is that it is very expensive and it does not always work. The exact drug and dose to be used will depend on local conditions. Your local veterinarian can properly advise you on the best program for you.

Finally, it is important that animals with anaplasmosis are treated properly. Many drugs are available for treating this disease. Treatment must be given early in the course of the disease or it may not be effective. Sometimes blood transfusions are necessary. Treatment should be supervised by a veterinarian.

Research on a vaccine for anaplasmosis is being conducted in the Department of Veterinary Science. We are encouraged by results obtained to date.

For September, 1959 55

**Anaplas: Latest on Treatment**

by DR. MIODRAG RISTIC
Dept. of Veterinary Science, U. of F.

For the Dairyman... For the Cattleman...

A Wonder Building Will Best Meet Your Need!

- Quality
- Flexibility
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Complete Service for: Erection, Kits, Materials!

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5401 West Beaver St., Phone EV 7-5634, Jacksonville

**Champions Eat Cooked Feed**

**THE HURON STOCK FOOD COOKER**

does the job quickly, economically, automatically, electrically and safely. Nothing puts the bloom and "show ring" finish on cattle as surely and quickly as cooked feed.

The exhibitor that stood ahead of you last year probably had a HURON COOKER. Get yours now. Use it at the farm all winter.

Twenty-Gallon Size (115V)........$217.95
The handy 5-gal. Portable Size to carry with you..................$147.95

Shipped Prepaid from factory to any place in the United States.

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**BREEDERS SUPPLY & EQUIPMENT CO.**
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Write for Our GENERAL CATALOG '59

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6811 E. Broadway, Phone 4-2075
TAMPA, FLORIDA
The Florida Jersey Cattle Club has again invited out-of-state breeders to make consignments to its annual state sale and about half of the Jerseys offered September 10 will be from herds in New Jersey, Indiana, Ohio, Tennessee and Alabama.

Plans have all been made for the sale, which will be held at the new Orange County Agricultural Center in Orlando, and members of the organization are looking forward to their “best sale yet.” 45 registered Jerseys will be sold.

The sale begins at 1:00 p.m. in the new show barn at the center, which is located on Bumby Street at Michigan Avenue.

This year approximately 50 percent of the sale offering will come from out-of-state farms. The club has been limiting consignments to Florida breeders for the past few years but last year the board decided to open this year’s sale to out-of-state consignors. It is believed that cattle brought in from these northern breeders will help improve the quality of Florida Jerseys. The club has adopted “Step Up To Quality” as a theme for this year’s sale.

Among the out-of-state consignments are animals from the Cedarcrest Farms herd of Faunsdale, Alabama, and the outstanding Chester Folck herd in Springfield, Ohio.

Included in the northern shipment is a cow qualified for the Jersey Jug Futurity—with a first prize of $1000—to be held in connection with the All-American Jersey Show at Columbus, Ohio, October 20. There are three cows with production records of over 11,000 pounds of milk and 600 pounds of butterfat. A bred heifer, by a Superior Sire, of a dam that produced 115 pounds of butterfat last month and is milking 60 pounds daily is also being offered.

Also being offered in the northern shipment is a grandson of Golden Jersey Star, the greatest show cow of all time and a Ton O’Gold and Tested Dam. A granddaughters of the $20,000 bull, Mister Jester Pinn, will also pass through the auction ring, along with many show prospects for the Florida State Fair.

Some fine Florida Jerseys are also in the offering. Since the Florida consignments were limited to 20 head, the sale committee—headed by Elbert (Bill) Camack, president of the Florida club, and Glenn Folck—was careful to accept only the very best. B. W. Judge, Jr., a member of the sales committee, who travelled to the farms and saw the consignments, said this is one of the finest offerings of Jersey cattle he has seen.

To encourage northern breeders to cooperate in this sale J. K. Stuart, a Jersey breeder from Bartow and a past director of the American Jersey Cattle Club, volunteered to deliver the cattle to Orlando for the sale, without charge.

V. G. McKibben, Christmas Acres, Orlando, offered to take charge of feed and care of the cattle through the sale.

Arrangements have been made with Citizens National Bank of Orlando for financing cattle purchased at the sale. A representative from the bank will be at the sale so financing can be done “on the spot.”

The sale is being managed by Chester Folck and Sons of Springfield, Ohio, recognized as “the first family of Jersey-dom.” Chester Folck is one of six men elected to American Jersey Cattle Club’s Hall of Fame. (See box below.)

Auctioneer for the sale will be Merlin Woodruff, a young man from Urbana, Ohio, who is selling many of the top Jersey sales, including the All-American last fall.

Sale headquarters will be Gifford Arms combined hotel and motel at 600 West Colonial Drive (Highway 50). Reservations should be made at least one day in advance and must be accompanied by a deposit if arrival is to be after 6 p.m.

The club’s annual meeting will be held the afternoon before the sale, September 9, at 2:00 p.m. in the new auditorium at the agricultural center.

The annual banquet for Florida breeders, visiting Jersey breeders, and their guests, will follow the afternoon meeting. It is set for 7:30 at the Driftwood Cafeteria, 1840 East Colonial Drive.

The Folcks Know Their Jersey Sales

CHESTER A. FOLCK and Sons know their Jerseys, and they should since they have been Jersey breeders, Jersey sale managers, Jersey showmen, Jersey promoters, and Jersey counselors all their lives.

Although “Chet” is “retired,” having turned over the management business to his three sons, Glenn, Blair and Gene, he is as active as ever. He will personally manage the 1958 All-American Jersey Sale and is taking an active part in the Florida Jersey Cattle Club State Sale.

Chester Folck has been active in the breed since he bought his first Jersey in 1903, at the age of 12. He judged his first Jersey show in 1908. He showed five head the first time he exhibited at the Ohio State Fair in 1913, and took two firsts and two thirds. He worked his first sale in 1915 and in May, 1927, he held his first “Folck Classic,” a sale which over the years has not been equaled for continuity, excitement, glamour and as a maker of history in the breed.

He has been an exhibitor of Jerseys at the Ohio State Fair continuously since he won those first ribbons 46 years ago. He has exhibited many first prize animals in that time—at the fair as well as at National Jersey Shows—climaxed in 1956 when he showed the grand champion bull, Chief’s Son of Etta and cow, Golden Jersey Star.

Two years ago, on the eve of the 30th Annual Folck Classic and his “retirement,” members of the Jersey world showed their high esteem for Folck with a program and a citation as “Master Sales Manager.”

Then, on June 2, at the 91st Annual Meeting, American Jersey Club officers presented him the 1959 AJCC Distinguished Service Award. With this award, Folck’s portrait hangs in the AJCC “Hall of Fame” as permanent recognition of his contribution to the Jersey breed.

This award was created six years ago by the board of directors to be bestowed annually upon “the living member of American Jersey Cattle Club who . . . has rendered outstanding and unselfish service for many years and thereby made a notable contribution to the advancement of the Jersey breed in the United States.”
Annual Fall State Sale
Sponsored by Florida Jersey Cattle Club

45 Registered Jerseys

Sale Starts at 1:00 p.m.

Orlando Ag Center Thursday, Sept. 10th

Consignments from leading herds throughout the nation. Seven states are represented with selections being made by sale committee and sale managers.

Fresh and heavy springing cows with records up to 11,198 lbs. milk and 622 lbs. fat at 3 years.

Open and bred heifers.

Show prospects of all ages including a candidate for $1,000.00 first prize at National Jersey show.

Four Excellent and many classified Very Good cows.

A young bull ready for heavy service sired by a son of the International Grand Champion, Golden Jersey Star.

Financing will be made available at the sale by the Citizens National Bank of Orlando

—You are invited to attend these events—

Annual Meeting of Florida Jersey Cattle Club, Orange County Agricultural Center, Orlando, Florida (southeast of Orlando at intersection of Bumby and Michigan) at 2 p.m. Wednesday, September 9th.

Annual Banquet of Florida Jersey Cattle Club, Driftwood Cafeteria, 1840 East Colonial Drive, Orlando at 7:15 p.m. Wednesday, September 9th.

For reservations and catalogs write:
Elbert Cammack, President, Box 164, Geneva, Florida

Sale Managers: Chester Folck & Sons, 4810 S. Yellow Springs Rd., Springfield, Ohio
Equipment Specials (NEW)
Cash and Carry Prices

Case 211B Tractor
3-pt. hitch, PTO ............... $2250

Case 411B Case-O-Matic, Live
PTO, 3-pt. hitch, Power steering, Adjustable wheels. .......... $2695

Case 511B Tractor, Live PTO,
12-speed transmission, remote hydraulics .............. $2795

600 Case-O-Matic, Power steering,
Live PTO, wheel weights .......... $3150

NEW IDEA MANURE SPREADERS
No. 17-95-bushel capacity ........ $565
without tires ....................... $495
No. 19-125-bushel capacity 
with Power Take Off ............. $785
No. 18-70-bushel capacity ........ $465

NEW IDEA
6-ton Self-unloading forage box ........ $1500
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- Custom formulas to fit your particular needs

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LIQUID FERTILIZER CO.
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BOYNTON BEACH, FLORIDA

FINE COW is typical of the registered Jersey herd owned by B. W. Judge and Son of Orlando.
SIRE is for the Judge herd is this outstanding individual, Jester Design Keeper.

Exclusively Jerseys?
Judge and Son Tell Why!

B. W. Judge and Son’s dairy herd has been undergoing a change during the past year—it has become primarily a purebred Jersey herd.

The new name of the farm—B. W. Judge and Son Jersey Farm—is evidence of this, as well as the fine registered Jerseys grazing on lush pastures near the milking barn.

In the past year the Judges have bought complete herds of registered Jerseys. One, the Homer Bhol herd, had the best Jersey herd record in Ohio last year. The other was the R. M. Head herd of Jonesboro, Arkansas, with an average of 10,000 pounds of milk and 550 pounds of butterfat.

Also, they bought a new herd sire, Jester’s Design Keeper, Excellent, Canadian Superior Sire, which carries the blood of the highest production families on the Island of Jersey. He is out of the Minnie cow family, which has records of 12,000 pounds of milk with 600 pounds of fat.

The Judges plan to further build their herd with this new bull. They also plan to sell some of the calves he sires as prospective herd sires for other dairymen.

When asked “why” they are changing to purebred Jerseys, the younger Judge, “Billy,” who manages the operation, had the answers, and presented them like a veteran Jersey breeder:

“One reason we have Jerseys is because the higher butterfat test produces as many dollars worth of milk as the lower testing breeds in our herd. We determined this by taking the DHIA records of the top 10 producers in the Jersey herd and the top 10 in another

(Continued on page 59)

Welkeners Pioneered Jerseys

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(Continued on page 59)
From Stuart's to Orlando, Fla., Sept. 10, 1959
Go two money makers

Royal Dandy Betsy CL. VERY GOOD
Born 10-24-55
2-5 305 9060 381

Holly Sybil Aggie CL. GOOD PLUS
Born 10-14-55
2-5 305 7800 367

She can easily go Very Good this fall and she is heavy in calf to Surville Golden Victory—the young bull that we are betting on.

Attend the sale and buy them at your price.

STUART JERSEYS
Deerfield Beach, Florida

Boost growth on new calves feed them ULTRA-LIFED Calf Food Pellets

Ultra-Lifed food pellets are high in vitamins, minerals and high energy factors that help develop the rumen and make available to the calf a greater supply of digestible nutrients.

Hector's Feed Mills
Deerfield Beach, Florida
Why Jerseys?

The president of the Jersey Cattle Club
gives some sound reasons for his choice

by ELBERT (BILL) CAMMACK
President, Florida Jersey Cattle Club

WE HAVE Jerseys because I chose to have
them before we went into the dairy busi-
ness. I had some definite reasons for that
choice, and later information and
developments have not caused me to re-
gret it.

I think what swayed me most in the
selection of the Jersey breed as the most
practical one for commercial dairying in
Florida was the fact that Jerseys have
always been the predominant dairy breed
in the state. There certainly must have
been good economic reasons for this to
be so, as there nearly always are for a
practice that has general acceptance over
a long period.

Being the hardheaded and stubborn
person which I am, I have made a point
of learning just what the economic jus-
tifications are, if any. I have found,
both before I made my choice and since,
that there are good economic reasons
for keeping Jerseys—and they pay off in the
milk check.

These reasons are as follows:

(1) Jerseys stand the heat better. We
have all noticed that Jerseys will con-
tinue to graze after other breeds have
hit the shade. Recent research at the
University of Missouri has shown that
Jerseys lose less production because of
heat and humidity than any other major
dairy breed. This is very important in
Florida where we have so many months
of hot weather.

(2) Florida Jersey herds produce better.
A study of the DHIA listing of the
top producing herds in the state over a
period of years will quickly show that
herds that are all Jersey or are pre-
dominantly Jersey outnumber others de-
cisively. Of the ten top herds last year,
four were all-Jersey and Jerseys make
up a substantial portion of five more.
This record compares the small Jersey
cow with larger breeds on an equal
basis—and is good evidence of the super-
ior producing ability of Jerseys under Florida conditions.

(3) Jersey herds are more profitable.
According to research reported at Cor-
nell University by Waite which he con-
ducted of 44 Jersey and Holstein dairy
farms in Delaware County, New York,
the labor incomes of the Jersey dairy
men were slightly larger than those of
the Holstein men. The fat differential
in Delaware County is about the same
as in Florida. The Jersey’s acknow-
ledged superiority in heat tolerance ought
to tilt the balance even more in her favor
in Florida. Too often dairymen are
misled by a preoccupation with gallons
of milk produced and don’t think enough
about how much that milk is worth per
gallon or how much is the extra invest-
ment for a larger cow or how much extra
feed in the form of grain or roughage it
takes to produce that milk. The true
measure is what you have left after you
have paid all costs. Bill Judge, who
with his father operates a large com-
mercial dairy of Jerseys and other breeds
at Orlando, found from his DHIA rec-
ords that of the 10 cows from which he
sold over $975 worth of milk last year
seven were Jerseys. This is the best
possible kind of evidence that Jerseys
are more profitable.

(4) Small dairy cows are more effi-
cient. Gains at the University of Illi-
nois, after summarizing many thousand
DHIA records, concluded that smaller
dairy animals were slightly more effi-
cient in conversion of feed to milk. This
is a significant thing and directly re-
lated to profits. The difference in effi-
ciciency is attributed to the fact that the
larger animals have a larger body sur-
face per hundred pounds of live weight
and therefore a greater heat and energy
loss per hundred pounds of weight.

(5) Jersey milk gets a fairly even

June Milk Production

JUNE MILK production in Florida showed a drop of nearly 10 percent under the
total reported for May. The total for June was 9,589,012 gallons, a decrease
of 879,553 from the 10,388,005 reported for May, according to reports from the
tree milk commission areas and the Southeast Florida federal marketing
order area.

Milk production records for the month of June

<table>
<thead>
<tr>
<th>Area</th>
<th>Class I</th>
<th>Class II</th>
<th>Class III</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tampa</td>
<td>2,218,267</td>
<td>319,498</td>
<td>62,496</td>
</tr>
<tr>
<td>Northeast Fla.</td>
<td>1,261,298</td>
<td>407,804</td>
<td>19,055</td>
</tr>
<tr>
<td>Central Fla.</td>
<td>1,100,173</td>
<td>83,432</td>
<td>35,789</td>
</tr>
<tr>
<td>Southeast Fla.</td>
<td>3,483,548</td>
<td>430,101</td>
<td>3,901,649</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>8,151,596</td>
<td>1,259,965</td>
<td>1,177,340</td>
</tr>
</tbody>
</table>

*Class II under the federal order includes all milk not Class I.
B. W. Judge & Son Jersey Farm
The New Home of
Jester’s Design Keeper

Excellently Canadian Superior Sire

He carries the blood of the highest producing families on the Island of Jersey—including Keeper’s Dreaming Design, with six records averaging 13,180 pounds of milk.

He is line bred to Design’s November Nance—recognized by many as the greatest Jersey cow bred on the Island of Jersey since World War II.

We will have a few of his sons—from outstanding dams—for sale soon. Let us help you build your herd as we are building ours—around a top-quality Jersey bull.

B. W. Judge & Son Jersey Farm
Rt. 5, Box 283
Orlando, Florida

Phone GA 3-3573
DAIRY FARMERS

Welcome to

FLORIDA STATE JERSEY SALE
SEPTEMBER 10TH ORLANDO

WE PLAN TO BUY MORE JERSEYS TO ADD TO OUR COMMERCIAL HERD

FAIRGLADE JERSEY DAIRY
Mr. and Mrs. Elbert (Bill) Cammack
GENEVA FLORIDA

More digestible nutrients in Grass Silage treated with STA-FRESH®

Now in special new crystal form!
Flows better, stores better, works even better than before!

Dairy and beef cattle eat better, produce more milk and beef, on grass silage treated with General Chemical's STA-FRESH silage-grade sodium meta-bisulfite.

That's because STA-FRESH treated silage is extra high in carotene (Vitamin A), sugar, digestible dry matter and total digestible nutrients. It helps keep milk production high...provides the answer to the need for a good, low cost feed that beef cattle like and gain weight on.

Economical, easy to apply

STA-FRESH is a free-flowing powder that's easy to apply at the blower or field chopper without special equipment and without danger or irritation. An 80 pound bag of STA-FRESH treats 10 tons of grass silage...can be used successfully on a variety of grass and legume forage crops.

See your dealer and order STA-FRESH, today!

break on the market. For years fat differentials over the country have not been adequate to price higher-fat Jersey milk fairly, and this has operated strongly against the Jersey. This was so in Florida when the differential was .5 cents per point of fat. The recently obtained increase to .65 cents, while not .8 cents per point where it should be, is adequate to put the Jersey in strong position competitively because of her better adaption to our climate. Eventually milk will be sold on a total solids basis, at which time inequities will be adjusted.

(6) Jerseys mature earlier. The fact that it is recommended that Jersey heifers be bred to freshen at two years while other breeds need to be older is important. Jerseys can start providing income earlier instead of being dead expense. Heifers bred to freshen at two years after they are dropped keep the herd breeding program in line with the base period, with the further result that a minimum number of yearling heifers have to be carried over to the next fall breeding period. This is difficult or impossible to do with later maturing cattle.

(7) Jerseys equal any breed in roughage consumption. This is contrary to popular opinion but it is so. Dr. Peterson of the University of Minnesota reports: "The larger animal is able to consume more roughage than a small one, but the true criterion of utilization of roughage is the amount consumed per hundred pounds of live weight. At the Minnesota station the Holstein and the Jersey were found to be alike in this respect." He says also that "the evidence clearly shows that there are no breed differences in the ability to digest food."

These are the economic reasons why I have selected and kept Jerseys. There need to be other than economic reasons for being in the dairy business, hard as it is. I admit to strong attachment and liking for Jerseys, for their beauty and obvious evidence of careful selection over a long period of time for the purpose of giving milk only.

I further admit that one of my greatest compensations for being in the dairy business is the sight of our herd of Jerseys spread out over a lush green pasture.

Garroway to Sell Milk

DAVE GARROWAY will begin selling milk and milk products September 7. Dairy farmers, through the American Dairy Association, will be buying participation in the NBC-TV network "Today" show for the fall season.

DairyCover

This was the grand champion Jersey at the 1959 Florida State Fair—an outstanding individual owned by J. K. Stuart and shown with Virgil Haney at the halter.

Her name is Jester Lela Cynthia.
Judge Jerseys
(Continued from page 58A)

herd, of a different breed, and figuring the value of their production for a year.

"The Jersey, being a smaller cow, requires less for body maintenance.

"Put these two things together and you can conclude that if you get the same money at lower feed cost, you are dollars ahead.

"Of course there are other factors which make the Jersey more efficient. One is their heat tolerance. It has been proven that a Jersey's production drops less in hot weather than other breeds. Another thing, they are more uniform in type than other breeds, which tends to give them a longer milking life."

Judge also told how the cost of raising replacements is less for Jerseys:

"They develop to sexual maturity earlier than any other cow. They mature three to four months earlier than the average and two months earlier than the next earliest."

One of the biggest reasons for having Jerseys, he said, is to keep up quality.

Dr. Roy A. Bair, Ph. D.
AGRICULTURAL
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Ensilage Production • Pasture Problems • Ranch Capabilities
Advice • Soil Fertility • Chemical Treatments • Research

WEST PALM BEACH, FLORIDA
256 Alhambra Place, Phone Justice 2-2933

Advertise Consistently!

MAGILL'S JERSEY FARM
Phone Evergreen 8-9161

Grand Crossing, Florida

Look Ahead! Look to Jerseys!

With today's trend toward higher quality (more of the things that make milk good)

And greater dairy efficiency (that makes milking pay more)

THE MAN WITH JERSEYS IS AHEAD ALL THE WAY!
Jerseys are a good investment anytime.

Buy good Jerseys at these State Jersey Club Sales:

Florida State Sale—Orlando—September 10
Mississippi Jersey Cattle Club Sale—Starkville—September 11
Alabama "Ton O Milk" Sale—Montgomery—September 12

Cedarcrest Farms
A. G. Rankin & Sons
Faunsdale, Alabama

FOR RANCHES AND DAIRIES
CONCRETE PRODUCTS
GOOD QUALITY • FAST SERVICE

Transit Mix, Steel, Concrete Blocks, Bag Cement, Wire Mesh, Mortar Mix, Sand and Rock, Prost Lintels, Plants in,
Okeechobee, Avon Park and Lake Placid.

JAHNA & BASS
Concrete Products, Inc.
MEL BASS AND FRED JAHNA, OWNERS
Phone 20-6601, South Tuscawoosa Ave.
OKEECHOBEE, FLORIDA
The banker with muddy boots

That's Bob Morris, Agricultural Representative of the First National Bank. Often as not, his desk is a damp pasture and his office is all outdoors.

Farmers and ranchers appreciate his firsthand, on-the-spot experience when they discuss such questions as "feedlot operations" or "pasture problems" or "insect and disease control."

Call or write Bob Morris. He'll be glad to visit you and discuss Agri-Business, without obligation on your part, of course.

The Florida Jersey Cattle Club

Since '38, Jerseymen Have Club

by REAVES and BECKER
Dairy Department, U. of F.

The Florida Jersey Cattle Club was organized on February 25, 1938 in a meeting called by Extension Dairyman Hamlin L. Brown and by Lawrence B. Gardiner, southeastern field representative for the American Jersey Cattle Club.

First officers were: Lloyd V. Minear, president, Pennock Plantation, Jupiter; Dr. C. J. Settles, vice president, School for the Deaf and Blind, St. Augustine; and Brown, secretary.

Directors included: V. T. Oxer, Milam Farms, Miami; George Sixma, Lake Helen; W. J. Nolan, Alpine Dairy Farms, Jacksonville; J. B. Love, FSCW Dairy Farm, Tallahassee; Burr A. L. Bixley, American Advent Christian Orphanage, Live Oak; Dan Cannon, Dade City; Dr. R. E. Becker, Agricultural Experiment Station, Gainesville; Carl C. Daft, St. Petersburg; and John D. Williams, Ocala.

The minutes of the first meeting include several interesting accounts of the pioneering with purebred Jerseys in Florida:

Minear narrated many trials and tribulations during the tick infestation and eradication program in Palm Beach County—and Professor C. H. Willoughby of the University described the early breeding program at Magnolia Farms, founded by P. K. Yonge of Pensacola with cows and heifers he purchased from famed Hood Farm, Lowell, Massachusetts.

Oxer told how Marcus Milam founded his Jersey herd, becoming the first Florida distributor of Jersey Creamline milk. He—together with Henry Pennock of Pennock Plantation and Dr. J. G. Dupuis of White Belt Dairy—were responsible for beginning tick eradication in Dade County, the first tick-free county in the state.

The experiment station herd had been founded in 1902 with purchase of two registered Jersey cows, and Professor John M. Scott (later first head of the State Department of Agriculture dairy inspection division) developed and maintained the herd through 1928. One cow from this herd, and one from the Milam herd, were placed in Register of Merit test in September 1916, under supervision of Professor Willoughby, then state superintendent of official testing.

A sale was one of the first orders of business for the new association, and in Ocala, on May 26, 1939, the first sale was held with 32 consignments from 13 herds in Florida and other Southeastern states. Nolan was the sale manager, and the 19 females and 13 bulls averaged $137.50. These animals included Observer Onyx Educator and Xenia Dra...
conlis Standard, bulls who contributed notably to the Florida Jersey industry at Pennock and Alpine respectively.

A "Florida Parish Show" was held at Alpine on May 24, 1939—first held in the state. The Jerseys were placed in Blue, Red and White groups, with the top animals in the Blue group designated. Another show was held the following day in Ocala, preceding the sale. Nine Marion County farms participated, and most top placings were won by Highview Farm, owned by Mrs. Christine Close Horne and managed by Carlos Griggs.

The yearly state sales brought in many good Jerseys and contributed to the improvement of many Florida herds. Sales have been held every year since 1939, except in 1946 and in 1952 (in the latter year, the anthrax outbreak was the reason). At first the sales were alternated between Ocala and DeLand, later for several years they were held in Orlando, and more recently sales have been held in Jacksonville, Bartow, and Quincy as well as Orlando—plus three promotional sales at Marianna in the early 1950’s.

The club has always been active:
In 1942, it cooperated in the National Jersey “1000 Gift Bulls” program, giving four bulls to owners of family-size grade herds.
A special Central Florida District 4-H Dairy project, which the club helped sponsor in 1947, was the forerunner of an extensive 4-H dairy program over the state.

Production testing and herd classification for type were promoted so that by 1954 Florida rated eleventh in the number of Jersey cows on HIR test, and fifth in number of cows classified.

More than 50 4-H and FFA members were junior members of the American Jersey Cattle Club.

The club helped sponsor Florida’s national champion 4-H dairy cattle judging team’s trip to Europe in 1952. It initiated support for sending an exhibit of Jerseys to represent Florida in the Mid-South National Junior Dairy Show at Memphis, Tennessee in 1953.

The All-Jersey milk program was started in Florida in the fall of 1957, and in the spring of the same year the Jersey club took the lead in forming the State Purebred Dairy Cattle Club in which all dairy breeds join to cooperate for common goals.

The club has had tireless and effective leadership through the years, aided by county agents and the University of Florida. W. J. Nolan and Albert S. Lawton became president and secretary respectively in 1940 and helped set this pattern.

Progressive work has been carried out during the past ten years under each successive president: Griggs, Walter Welkener, J. K. Stuart, W. J. Nolan, Jr., A. T. Alvarez, M. A. Schaak, F. D. Magill, and today’s president, Elbert “Bill” Cammack. From 1946 to 1955 F. E. Baetzman served as secretary, while county agent in Volusia and Orange counties, and Woodrow Glenn, Jackson county agent, has served since that time.

for September, 1959 61

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GUERNSEY FIELD DAY ... panel, moderated by Wilson Sparks, included, from left, Carroll Ward, Jr., Keith Smith, Ralph Thomas, L. J. Clark, and "Whitey" White.

Guernsey Breeders Gather
At Tarpon Springs for Day

Nearly 100 people attended the Guernsey Field Day at Lester Perrine's Ranch, August 4.

This was Florida Guernsey Cattle Club's annual outing and Guernsey breeders and dairymen from all over the state were present to hear the discussions and look over the Perrine's fine dairy.

Two speakers on the program—C. W. Reaves, extension dairyman at University of Florida, and R. B. Becker, dairy industry department, University of Florida, spoke on feeds and feeding and programs for parlor-dry-lot feeding.

Reaves said one of the things Florida dairymen are weakest on is filling their cows. He said cows in milk should be filled four to six times per day.

Between speakers T. Wilson Sparks, University of Florida dairy husbandman, moderated a panel discussion on parlor operations and feeding practices. Members of the panel were dairy managers. They included: Carroll (Bud) Ward, Jr., of Lay Laine Farms, Winter Park; Ralph Thomas and Keith Smith, Velda's Coble Dairy, Tallahassee; L. J. Clark, Cone's Dairy, Plant City; and "Whitey" White, Dressel's Dairy, Avon Park.

Most of the discussion by the panel concerned advantages and disadvantages of different milking methods. After much discussion, it was concluded that the old-type stanchion barn was best for people who like it; some people liked the new parlor-type operation but others didn't; and the one person on the panel who was using the herringbone system—White—liked it.

Ward, who has operated the stanchion barn system for years said he is going to build a new barn in the near future, and it will be another stanchion barn. Others said they were planning to put in new parlor equipment.

After the morning program, which was held at the dairy, the crowd moved to an area near the ranch house for a dinner of barbecued beef and chicken. The picnic area was on a small island, across a stream from the house—a beautiful spot for outdoor eating—and the food was very good. As always, at a Guernsey affair, there was plenty of Golden Guernsey milk for the crowd.

After dinner, C. J. (Buddy) Jacobs, American Guernsey Cattle Club, spoke to the group, urging them to do more promotional work for the Guernsey breed. He also reminded them of the Florida Guernsey Cattle Club's annual state sale at Orlando, September 3, and the annual meeting September 2. (See Guernsey Sale story in this issue.)

During the afternoon groups looked over the Perrine operation.
Is Guernsey Sale Date

Good offering consigned to Orlando

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C. W. Reaves—T. W. Sparks—C. C. Sellers—Leon Sellers—C. J. Jacobs

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“EXCELLENT” . . . is the official rating given this Guernsey cow, shown with its owner, Carroll Ward, Jr., of Lay-Laine Guernsey Farm, Winter Park.
Is There a Dairy Labor Problem? Survey Says ‘Yes’

Orange agent makes detailed study for producers interested in knowing reasons for labor turnover

A big problem in the dairy industry seems to be labor turnover, according to a dairy labor study made in Orange County recently by Assistant Orange County Agent Al Cribbett.

Cribbett made the study from a random sampling of nine dairies in Orange County. His purpose was to determine if there was a labor problem at dairies in his county and find what factors contributed to the cause of the problem.

He found that the rate of dairy labor movement in the area during 1958, on the farms surveyed, was 50.8 percent. His conclusion was that a labor problem did exist, involving factors of personnel management and personnel selection.

Parts of Cribbett’s analysis of the study follow:

“Herds in the 150-200 cow size accounted for 42.8 percent of the total movement, while herds above 230 registered 57.2 percent of the total rate. Machine operators accounted for 35.7 percent of the total movement, while feedmen followed a close second with 25 percent turnover.

“The rate of movement was directly correlated with the level of production. For example, 60.7 percent of the total movement occurred on farms producing below 6900 pounds per cow, while 14.3 percent of the movement occurred on farms producing above 8000 pounds average.

“In comparing high rate farms with low rate farms, there was a direct correlation in qualifications on which workers were hired, given sick leave, training and indoctrination programs, personnel counseling, personnel management experience and training of the farm operator and milking hours.

“One peculiar relation was in milking hours. Of those farms with a low movement rate, 100 percent began milking before midnight or after 3:00 a.m., while 100 percent of the high rate farms began milking between 1:00 and 3:30 a.m.”

Cribbett used the personal interview method to collect information for the survey. In a general analysis of the study the county agent related:

“Upon comparing farms with low rates of labor movement and farms with high labor movement rates . . . no correlation was found in regard to insurance, loans, income tax deduction, vacation allowance, items furnished, age, education, experience, contact of area-moved-from factors. However, the writer does feel further study may show that education and training could prove to be a great factor as an operation increases in size.

“It may be well for the farm owners to begin thinking of protecting their large investments with better trained and educated men.”

Careful Culling Cuts Costs

by J. M. WING
Dairy Research Unit, U. of F.

AT LEAST 20 percent of the milking cows in most herds are culled each year. A higher percentage would help most operations, and now, while beef prices are high is the time to consider this important step.

Which ones should be culled? Careful records will show which cows are paying their way, but more than that is necessary. Recently one owner suggested selling a cow with a low record, but the herdsman disagreed. She had been snake bitten about half way through her lactation. Though she had apparently recovered her health, that particular lactation was ruined. On her next, try she made an outstanding record. Thus sickness, weather, feed conditions, and general management must be considered along with actual records.

When nothing but the cow’s ability to produce need be considered, how much milk would she have to give to pay her way? Obviously this will vary considerably between herds and from time to time.

For any given set of conditions, however, the answer can be obtained as follows:

1. Divide the total cost of running the dairy for one year by the number of milking cows. This gives the average cost of keeping each cow.

2. Now divide this (the cost of keeping one cow) by the average price received per gallon (or pound) of milk. This is the very minimum the cow could give without actually costing you money.
TODAY, IN the chicken business, low prices have become so entrenched in the public mind that many do not buy chicken until it gets on "special" at 29 cents.

The consequences of this public attitude to the producer are almost disastrous. He has a product which sells only when he's ready to give it away—and a market which fluctuates only downward.

The moral of the story from the standpoint of the milk producer should be fairly obvious.

If milk at 39 cents a half gallon were a practical, economical thing, we'd be mighty happy to see the price at that level.

But unfortunately milk can't be produced and marketed for that price and still return a fair profit to producer and distributor.

Milk may be following the poultry pattern in its use as a "loss leader" by chain stores and others. And if we aren't very, very lucky, Mrs. Housewife will stop buying fresh milk and turn to substitutes when the stores go back to charging a fair price.

When that happens, reduced consumption will mean at best more Class II and III milk for the producer. At worst it could lead Florida to the milk dumping which has been necessary at times in other parts of the country.

Governor Collins saw fit to veto the dairy law passed by the 1959 legislature, which included among other things a provision that the Milk Commission could set a "floor" of 1-1/2 times the amount paid the producer for Class I milk.

The Commission, however, still has the power under the old law to set retail prices. We believe a retail price floor of that amount—45-46 cents per half gallon on the present market—would be a constructive action, in the interest of the housewife, in the interest of the distributor (particularly the small one), and in the interest of the producer.

"Florida Citrus Pulp is an essential ingredient in our feeding program," states M. B. Sowerby, Manager WOODACRES ROYAL GUERNSEY FARM, Princeton, N. J. "Our herds are on a continuous test-feeding program. We find Citrus Pulp does an excellent job of improving an animal's coat and general appearance. Variety is also important. Citrus Pulp is the one carbohydrate concentrate which offers that unique contrast that cows really like."

The Woodacres herd was established in 1939, and has shown many champions and made several class leading records. La Ramee Marie Sonia is pictured right with Mr. Sowerby, an official Judge for the American Guernsey Cattle Club. Classified Excellent 4 times, Sonia scored 93 pts. on her last classification—holder of the National 1st place leading record of 20,477 lbs. of milk; 1,015 lbs. Butterfat as a Sr. 4 year old 365-2x milking schedule.

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CONCRETE . . . feeding areas are almost essential in green-feeding—and even more paving would help—says University researcher.

Concrete Needed For Green Feeding

by J. M. WING
Dairy Research Unit, U. of F.

Some dairymen like to greenchop and some don't. That's the way it should be. There are good and bad points and special features to all operations.

For greenchopping, one important consideration is a suitable place for feeding. Dairy cattle are poor mudders. Dirty, wet lots usually result in poor quality milk. Cows under these conditions usually lose condition quickly and production slumps. Rough hair coats and lack of general animation and thrift usually accompany confinement in muddy lots for even a few weeks.

Boggy lots are health hazards. The need for hard surfaces is quite real and very important to the control of disease. When confinement feeding is practiced, the lots surfaced with asphalt or concrete are almost a necessity. Each cow needs a minimum of 75 to 100 square feet. The pavement should slope to the sides at the rate of one-fourth inch per foot.

The surface should be rough but floating with a board is all that is necessary. The labor requirement is small compared to most concrete jobs. If concrete is used, it should be reinforced; but 2-1/2 to three inches usually is thick enough.

Paving is expensive, but it costs considerably less than it saves. The gain in efficiency of feed conversion will save enough to pay for paving most cow lots within less than three years. In addition, disease is more easily controlled.

The organisms that cause foot rot, mastitis, leptospirosis and various kinds of parasites thrive in dirty, muddy lots. Recently alarming numbers of low-land abortions which could not be ascribed to any known disease have occurred also in wet lots.

NATIONAL Live Stock and Meat Board's meat specialists, home economists and nutritionists report they have given 697 in-person lecture demonstrations in 315 cities and communities of 42 states in the fiscal year of 1958-59.

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DISPLAY OF MURALS . . . (which were loaned by The Cattleman) graced the lobby of the First National Bank at Leesburg in recognition of the 25th Anniversary of the Florida Cattlemen's Association last winter. Murals showed seven breeds, top to bottom: Left, Hereford, Shorthorn, Brangus; Center, Brahman; Right, Angus, Charbray, Santa Gertrudis.

Census, Survey Info Necessary

The coming U.S. Census of Agriculture will provide information of great benefit to future planning by the cattle industry (and other segments of agriculture), as well as by government and private business.

The CATTLEMAN magazine, for example, will relate the census figures to the information it obtains in its annual surveys. So that the information will be reasonably comparable to the census data, The CATTLEMAN has recently mailed a detailed survey questionnaire (see letters on pages 6 and 7) to every other name on the subscriber list for Florida.

The 1959 Census of Agriculture (the last was in 1954) is a nationwide poll of farmers. It will be conducted during October and November, and questionnaires will be mailed out to all farmers of record two weeks before the start of the census.

Farmers are asked to complete the forms quickly and accurately—then hold them until one of the 30,000 enumerators calls to check the form and collect it for the U.S. Department of Commerce.

Under the law, the data collected can only be used for statistical purposes. Congress has prohibited the making of census information for an individual farmer or farm available to any tax or investigation agency. Census takers must swear to keep all census information confidential.

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NATIONAL Magazine Gives Publicity to Dundee Ranch

MORE NATIONAL publicity for Florida Angus is carried in a two-page picture story about Dundee Ranch at Lutz by the Angus Journal's Colin Kennedy, and published in its August issue.

Here's what the Journal told its national audience of Angus breeders: "On the Florida west coast, just north of Tampa, is a new and most practical Angus operation. The herd at Dundee Ranch has been in operation only since 1956 but it already gives the impression of solidity, and is operated on a sound, money-making basis."

"When Ralph J. Cordiner, chairman of the board of General Electric Company, bought the first of his land near Lutz, it was with the idea of clearing the scrub growth and, with soil treatment, getting good grasses started. By 1956, enough of the land was in heavy grass production to bring in the first Angus. Since then, each year has seen more land available for grazing or forage. And the cow herd has kept pace with the feed supply available. Pangola and Coastal Bermuda are the main grasses, while improved White Dutch clover is the legume. Of the 2000 acres in the ranch, 550 acres has been cleared, limed and put into production.

"Some idea of the carrying capacity of this land when improved and fertilized is the fact that when Dundee was visited, 330 acres were carrying 535 cattle and they were not keeping up with the growth. To hold grass production at this level after the initial seeding and soil treatment expense involves an outlay of about $16 per acre per year for fertilizer."

"Although Lutz, Florida, is farther south than a great majority of our herds, and this section of Florida has a long growing season, "we put up 600 tons of silage last year and aim to keep six months supply of feed on hand all the time," Manager Charles Moore told us. "This is to take care of any unusual weather conditions during the winter."

"On the practical side, we were attracted by three feed barns out in the pastures. The sides are open and the center of the barn is for hay storage. The feeding floor around the hay racks is concrete. Offering protection from both the sun and inclement weather, and dry footing in wet seasons, these barns have attracted the attention of a lot of visitors. We predict you will be seeing a lot more of these barns over the country."

"At Dundee Ranch has been assembled an Angus herd with some scale and a lot of beefiness. Pedigrees have not been ignored, but individual quality has been the first test in purchases. In its initial selling program, two calf sales of 50 head each have already been held to provide Florida junior cattlemen with good steers. The sales have brought a lot of people to the new Angus ranch, and a lot of good cattle have been distributed. At the Florida State Fair at Tampa, the last carcass contest steer show was dominated by Dundee-bred animals. A champion steer at the Gainesville show was also Dundee-bred."

Information about bloodlines and the like followed in the article, which concluded with the news that the Cordiners are building a new home at Dundee with the idea in mind, according to Kennedy, of spending more time at the ranch.

FARMERS' SHARE OF CONSUMER DOLLAR IS LOWEST IN 16 YEARS

FARMERS received an average of 40 cents of the retail dollar consumers spent for food last year, according to USDA. This was a 16 year low.

In the 45 years this calculation has been made, the farmer's share has been less than 40 percent only in the depression years of the 1930's.

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15 Registered Aberdeen-Angus Heifers of breeding age and a Registered Angus Bull not related to these heifers. We also have another group of young breeding age bulls. All have been vaccinated for Brucellosis and Blackleg.

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30 Bulls, All Will Be Two Years
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YOUNGSTERS . . . are now fitting
their steers for the coming winter and
spring shows. This photo shows the
Angus which won the FFA champions-
ship last spring at Quincy.

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Hillsborough County Soil Conservation
District—and two of its cooperators—
won the annual Goodyear conservation
program awards for 1959.

The Florida judges cited the Hills-
borough district for doing the best job of
advancing the cause of land and water
conservation in the state during the two
months ending April 30.

B. J. Sweat of Balm—a member of the
Hillsborough board of supervisors—won
the state award in that category.

Bob F. Deriso—owner of Deriso Angus
Ranch—was selected as the state winner
for his outstanding conservation accom-
plishment as a farmer-cooperator by
the winning district.

Both Sweat and Deriso will be guests
of Goodyear Tire and Rubber Company
at Wigwam resort hotel and Goodyear
Farms, Litchfield Park, Arizona, in late
fall for an all-expense-paid vacation as a
reward for their achievements.

Second place in the competition was
won by the Bradford County district,
which nominated Leaton Morgan, Jr., of
Starke as its outstanding farmer-co-
operator. Morgan and his district are
both being given plaques.

The contest recently concluded was
the twelfth held. The program provides
awards for districts and individuals in
the categories of organization, education,
planning, promotion and accomplishment
in soil and water conservation at the state
level.

Judges were: Colin D. Gunn, past state
SCS supervisor, Gainesville; Marshall O.
Watkins, director of the agricultural ex-
tension service, Gainesville; and William
T. Loften, professor in the College of
Education, Gainesville.

FLUID MILK sales account for more and
more of the nation’s total milk supply.
In 1958, producers’ sales of milk through
fluid outlets reached a record high
of 45.5 percent. By contrast, in the mid-
1940’s, only a third of producers’ sales
was consumed in fluid form, reports the
National Dairy Council.

The Florida Cattleman
Angus cattle are not bothered with CANCER EYE!

The resistance of Angus to eye trouble means greater profits to stockmen. Cancer eye is unknown among Angus, and pinkeye is seldom a bother.

Cancer eye is costly
Have you ever had cancer eye (carcinoma) in your herd? If so, you realize that it is a costly, dreadful disease. U.S.D.A. scientists report that lack of protecting pigment, or coloring matter, in the eye membranes and skin surrounding the eye in light-skinned breeds makes these cattle more susceptible to cancer eye.

Unknown in Angus herds
A number of possible contributing causes have been suggested by the U.S.D.A., such as strong rays of sun, irritation of eyes by dust, sand, insects and other irritants... or the weakness may be inherited in some strains or breeds. However, black-skinned Angus, with dark pigmentation in their eyes are not affected by this troublesome disease.

Pinkeye seldom bothers Angus
Another eye disease, pinkeye (infectious keratitis), is quite a problem in some areas with other breeds. However, Angus have a natural immunity or resistance to this disease, and it seldom causes any serious effects or losses.

Saves trouble! Saves money!
Herd affected by cancer eye or pinkeye require considerable doctoring, isolation and care. In addition, the carcass may be totally condemned, or the animal may die, causing undue loss. It's just another reason why more and more cattlemen are switching to Angus.

Breed your herd Black
Why should you suffer the loss in time, trouble and money brought about by these dreadful diseases? Why don't you buy commercial Angus cows or heifers, or breed your herd Black by crossing your cows with naturally-hornless Angus bulls? For even first-cross Angus are seldom bothered with cancer eye and pinkeye. Be ahead! Breed Blacks! Boost profits!

American Angus Association
3201 Frederick Blvd., St. Joseph, Missouri

FLORIDA ABERDEEN-ANGUS ASSOCIATION, Walter R. Williams, President, Rt. 2, Box 920, Lakeland, Fla.
Knollwood Angus Ranch, Inc.
Fort Myers and Bartow, Fla.

Gulfstream Eileenmere 7813—
Son of Mole's Hill Eileenmere 79th

Bandsman of Fordhouse—
Direct Scotch Import

Gulfstream Eileenmere 7908—
Another son of Mole's Hill Eileenmere 79th

Bandolier Lad of RBK—
Son of Eva's Bandolier Lad

B.T.S. Eileenmere 7901—
Powerful youngster, grandson of the 79th

Eileenmere 12 of RBK—
Son of Homeplace Eileenmere 492

These herd bulls together with our brood cow herd of approximately 300 head are producing an outstanding group of calves. We now have about 10 young bulls averaging 20-25 months old for sale, and by December 1st we will have another 35 head for sale. At present these bulls are all on our Ft. Myers location. Phone Ft. Myers WE 6-1050.

Brucellosis and TB Accredited
William D. Richards—George A. Sutherland—Charles B. Plummer, DVM

Top Cash Price for Your Property!

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

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

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

J. L. Todd Auction Co.,
P.O. Box 678,
Ocala Hotel,
Ocala, Fla.

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

Name__________________________
Address_________________________
City_________________ State________
No. Acres_________________ Location________
Brief Description____________________

We Have It!
American and Imported
Barbed Wire and Farm Fencing
Poultry Netting
Lawn Fencing
Rabbit Fencing
Roofing
Nails

Stalnaker Brothers
Tampa, Florida
22d St. & Broadway
P. O. Box 172
Phone 4-2728, or after 6, 49-3594

Hentges (Continued from page 50)

forages. Energy, nitrogen and moisture determinations appear to be the only laboratory analyses needed but the digestibility of the energy and nitrogen (protein) must be determined before the true nutritive value of a feed is known.

To lessen the time and effort of conducting digestibility studies, several trials have been conducted to measure the comparative digestive powers of sheep and cattle. This study is continuing with the thought that sheep can be used.

Grass silage and self-feeding silo studies were completed with the publication of Experiment Station circulars S-108 and S-110. Currently, an experiment on corn grown for silage with doubled the usual number of plants per acre and twice the recommended fertilizer application has produced a much higher yield and warrants further study.

Calf feeding studies, completed with the publication of circular S-106, have shown that light-weight, cull, summer calves weaned under five months of age can be fattened during their first winter for sale as slaughter calves around the first of the year when demand is highest.

Creep feeding studies, including digestibility trials, have shown that flaked (steamed rolled) corn is more digestible and produces faster gaining, higher-grading calves than a similar feed mixture in pelleted form.

The nutrients in pelleted Coastal Bermuda hay have been shown to be slightly less digestible than those in the same hay fed long. Calves fed the same hay ground through a 1/4 inch screen gained much faster than calves fed long hay, but fatal bloat occurred. These studies on pelleted, ground and long hays continue.

Copies of publications on the studies briefly discussed herein may be obtained from the Department of Animal Husbandry, University of Florida, Gainesville or the following men who work cooperatively on these studies: Dr. James F. Hentges, Jr., Dr. J. T. McCall, Dr. G. K. Davis, Dr. A. C. Warnick, Dr. T. J. Cunha, and P. E. Loggins.

Angus Steers...are growing more popular with 4-H and FFA members as projects. This photo shows a Fort Myers boy, Bobby Handley with the steer which won the 1968 Clinton and Fort Myers shows.
Angus Ethics

Suit Is Dropped

A $1 MILLION suit against the American Angus Association by a prominent breeder, Ralph L. Smith of Mission Hills, Kansas, has been dropped by Smith, the Association has reported.

The suit was filed on January 7, following the barring of a Smith heifer, Jilava of RLS 7 from the International Livestock Exposition. A Missouri circuit judge granted permission to dismiss the suit with prejudice, which means that it cannot be re-filed against the association.

History of the case was described as follows in an American Angus Association statement:

"On February 6, Smith was denied a temporary injunction against the Association to permit 'Jilava' to compete in other shows. During a hearing on March 12 the Association's board of directors permanently barred her from further competition under the rule on "Unethical Fitting and Showing of Cattle" but at this time the board terminated the Smith's suspension as an exhibitor.

"Smith was invited to appear in person before the board on June 11, but was prevented from appearing due to doctor's advice, having returned the previous day from the Mayo Clinic. He was represented by counsel.

"A letter to the Association's counsel confirmed Mr. Smith's physical condition and stated that he had instructed his counsel to obtain the dismissal of the lawsuit. The letter also pointed out that Smith fully understood neither he nor any of his employees had been personally accused of unethically fitting the heifer. He had assured the board that he would support its efforts to enforce the unethical fitting rule.

"The board concluded that the best interests of the Association were served by accepting Smith's letter of explanation and disciplinary action against him as a member was not deemed necessary. In so doing the board reaffirmed its determination to continue enforcing the rule on unethical fitting ... "

Clover-fed Angus

Visitors at Dundee Ranch often say, "No wonder your Angus are so smooth and beefy... with pastures like that."

Good nutritious feed is a must and at Dundee we're loaded with good pastures and plenty of hay, therefore, top quality beef can be produced more economically.

If you're interested in top bloodlines and beefy Angus, come see us.

IT PAYS TO KEEP YOUR EYES ON . . .

Dundee Ranch

Lake Fern Road • Box 203 • Lutz, Florida • Ph. Tampa, Webster 9-5201

RALPH J. and GWEN CORDINER, Owners • CHAS. MOORE, Mgr. • ROBT. HALL, Herdsman

for September, 1959
A LITTLE STORE... like this “Lil General” in Tampa can handle a lot of business if properly located—but it has no meat cutter, relying entirely on pre-packaged meats. This is another new marketing development of importance to the cattleman interested in selling fresh beef.

The Little Stores: New Problems in Meat Selling

A GROWING influence on the type of cattle you should be raising is being exerted by the new “little stores,” which sell only pre-packaged goods, including meats.

THE CATTLEMAN discussed this new trend recently with managers of two “little store” chains in Tampa. Seven-Eleven Food and Dairy Stores, managed in Central Florida by S. C. Myers, has 30 outlets in Tampa, Orlando and other Central Florida Communities. A. L. Drake is assistant general manager of Li'l General Stores, which operates 18 outlets in the Tampa-St. Petersburg area.

Pre-packaged meats sold in these stores are fabricated, packaged, and displayed by the meat packer. The stores have no meat cutting departments. Since the stores buy the package instead of the pound, packages must be of reasonably uniform size and weight.

That’s where the cattleman comes in. If the cuts must be uniform, the cattle from which they come must also be uniform. Cattle of the right size and grade should bring a better price and are likely to be demanded by the meat packer.

The big supermarkets are also leaning more toward packaged meats. And packers indicate they are selling fewer whole carcasses. The “little stores” sell a complete line of luncheon meats, bacon, and sausage, with the only fresh meat being frozen hamburger, beef stew, dinner steaks, cube steaks and the like—all pre-packaged.

Each of the Li'l General stores is a two-man operation. One man manages the store at a time, on morning and evening shifts. Myers said some of his 7-11 stores require up to five people, working on a split shift basis. Both “chains” operate their stores from 7:00 a.m. to 11 p.m.

This new type store is a modern version of the old corner grocery. In a way, it resembles the present day supermarket except that it is much smaller. Li'l General stores have about 1500 square feet of floor space, with the whole front side of the store open. 7-11 stores vary in size but are generally a little larger.

The manager of the store acts mostly as a checker. Most of the products are placed on the shelves and marked by the wholesaler.

Other stores of the same type operating in Florida include U Totem, Minit Markets and Tom Thumb.
McKenzie 'VALUE of VALUES' SALE
SEPTEMBER 17-18 • 1000 HEAD

Whitneymere 150th

His get, service and the bull himself (including 1/3 interest owned by C. V. Whitney Farms, Lexington, Kentucky) sired by Homeplace Eileenmere 210th, he topped the 1957 Whitney Sale at $19,200. Never before has there been such an opportunity to evaluate a sire—over 200 of his calves sell.

460 BROOD COWS
315 Calves at Foot and Over 200 Rebred

160 HEIFERS
80 Bred, 80 Open—All by Herd Bulls Sailing

35 BULLS
INCLUDING 7 HERD SIRES. All Young Bulls Vaccinated.

PRODUCING FEMALE UNITS in abundance for those building herds or seeking replacement females. Last year there were 400 calves dropped for a 98% calf crop!

OTHER HERD BULLS . . . Dor Mac Bardoliermere 64th, a half-brother to the last three International Champions and sired by O. Bardoliermere 2nd . . . Ankonian 3542nd, by Homeplace Eileenmere 999-35th and from a daughter of Eileenmere 1032nd . . . Eileenmere RG 100th, by Eileenmere 500th and from the International Champion Female, Eisa of RLS.


The herd is accredited for Brucellosis (Certificate 103) and Tuberculosis (Certificate 142). Calfhood vaccination practiced since inception of herd. Practically all purchased cows came from calfhood vaccinated herds. All young bulls are calfhood vaccinated.

FARM FOR SALE
PRIVATELY

1650 acres, complete modern equipment, buildings, barns and facilities, pastures cross-fenced, eight modern houses in excellent condition, new 65,000 bird broiler house with $21,000 contract income. Ample water and highly productive land. For particulars, contact—Henry M. Newman, 95 Morton Street, New York, N. Y.

McKENZIE ANGUS FARM, Colbert, Ga.
FARM IS EAST OF ATHENS AT COLBERT, OFF U S. HIGHWAY 72.
**CONTROL**

**Liver Flukes**

Use **HEXACHLORETHANE**

From a practical standpoint, drenching is the only present control for liver flukes. Hexachlorethane, used at regular intervals, in the quantities recommended, is recognized as the standard product in Florida.

**ALSO:**

**HILMINEX**

PHENO COBALT

PHENOTHIAZINE 12½

**FloriChem**

PHENO-MINERAL

and

ARSENATE PHENO-MINERAL

For Prices, Contact Your Dealer or Florida Chemical Industries, Inc. P.O. Box 274, Phone FRanklin 2-2138 Gainesville, Florida

---

**MINERALS MADE TO ORDER FOR YOU!**

![BIG W BRAND](image)

Minerals are essential for the proper growth, maintenance and functioning of the animal's body. Deficiencies of minerals in the diet result in abnormalities referred to as nutritional diseases.

**WEDGWORTH'S, Inc**

Belle Glade, Florida

---

**A&M Defines Meat Type Steers**

What is this meat type steer we've been hearing so much about lately?

At the cattlemen's convention in Sarasota, Dr. O. D. Butler of Texas A. and M. University, told the definition Texas A. and M. has given, based on its experiences in production and meats studies:

1. Comes from highly fertile parents adapted to production conditions.
2. Weans not less than 500 pounds at 12-18 months.
3. Can utilize a wide range of feeds with emphasis on roughages.
4. Can make 100 pounds of gain as a yearling on not more than 900 pounds of feed, 2/5 concentrates and 1/3 roughage.
5. Can make 1.3 pounds or more of chilled carcass beef per day of age if killed at 12-18 months.
6. Will produce 48 percent or more of well-muscled loin, rib, and round cuts, with at least two square inches of eye muscle per hundredweight of chilled carcass. The “retail trimmed” loin rib and round should make up at least 38 percent of the carcass.
7. Will produce beef that is tender and palatable when marketed and cooked in a normal way.
8. Will be suitable and desirable for slaughter at any time from weaning to 30 months of age under proper management.

"A carcass contest has been established in connection with the annual Beef Cattle Short Course at A. and M.,” Butler added, “with the factors considered in ranking the carcasses representative of our ideas of the most important attributes.

“We grade the carcasses according to U.S. standards, and then separate them into wholesale cuts, and ‘retail trimmed’ wholesale cuts. Prices for the retail trimmed cuts for each grade are established from trade sources. The yield of cuts and prices are used to calculate a carcass value per hundredweight.

“This carcass value is then modified by a tenderness measurement by shear force value on broiled loin steak from each carcass. The extra-tough loin steaks cause the carcass to receive a penalty, and the extra-tender ones result in a bonus.

“We consider this system to be a realistic approach to carcass evaluation.”

Butler's talk was one of the major ones during the Mid-Year-Convention, and was devoted to the general subject of slaughter steer conformation and finish as related to carcass value and meat characteristics.

From data from 800 carcasses, A. and M. has concluded as follows:

Cattle tend to develop proportionately, with the various muscles and bones hav-
NO ROOM... prevented earlier publication of these photographs of reserve champion Herefords at the Largo Fair last Spring. Upper picture shows the Randolph Farms bull, held by Clyde Clemmons, while lower photo is of Earnest Montgomery with Bar-Bet Farms' heifer.

ing a distinct size relationship. Fat is deposited unevenly during the fattening process, with the first outside carcass fat appearing over the back and along the underline, and later fat extending toward the head and tail, and becoming thicker over the back and underline, with the lower round and front and lower part of the shoulder, or chuck, the last areas to be covered. Thus, the fat upset the proportionate relationship of the cuts.

Shortness of body and shortness of leg don't increase the yield of preferred cuts, and neither do length of leg and length of body. Superior muscling does make a difference.

Extreme depth of body tends to reduce the percentage of preferred cuts.

Thick bones seem to go with thick muscles rather consistently.

Tenderness—the characteristic most demanded by consumers—is of the utmost importance, but the causes of the variation in tenderness are not well understood.

Cattle, Calves on Feed

Figures released in July by the Crop Reporting Board show that in 13 major feeding states there were 4,704,000 head of cattle and calves on feed. This was 10 percent above the number on feed a year earlier and a record high July 1 total for the series which began in 1955. Cattle feeders in these states report they expect to market 3,165,000 of these in July, August and September.

for September, 1959
A couple of show prospects

HDR POLLED ZATO 28th

1,392 HEAD—WORLD'S GREATEST
POLLED HEREFORD DISPERSION

You'll be surrounded by
Quality!

"What We Say It Is... It Is"

WRITE FOR YOUR CATALOGUE EARLY, SENT ON REQUEST ONLY.

More "27th" heifers

Open heifers

HDR POLLED ZATO

1392 HEAD—181 BULL LOTS—865 FEMALE LOTS
339 OF THE COWS WILL HAVE CALVES AT SIDE.
649 LOTS IN THIS SALE ARE EITHER BY TR ROYAL ZATO 27th (THE WORLD
WINNINGEST SIRE) OR HIS POLLED SONS OR ARE BRED TO TR ROYAL ZATO
27th OR HIS POLLED SONS.

More "27th" heifers

Daughters of the "27th"

HDR POLLED ZATO 6th

HDR POLLED ZATO 63d
**LIVESTOCK NOTEBOOK**

by T. J. CUNHA

Head, Department of Animal Husbandry and Nutrition, Florida Agricultural Experiment Station

**Antibiotics for Steers**

A NEW Everglades Station Mimeo Report 59-23 by C. E. Haines, H. L. Chapman, and R. W. Kidder entitled "The Effects of Limited Concentrate and Antibiotic Supplementation to Yearling Steers Wintered on Pasture" was issued in June. Following is a summary of the report:

"A total of 108 yearling steers were divided into three groups and placed on pasture to determine the value of concentrate and antibiotic supplementation during the winter period. Groups received either 0 or 5 pounds of a corn, citrus pulp, and cottonseed meal mixture per steer daily with and without antibiotics. The antibiotics were a combination of terramycin and oleandomycin calculated to supply a total of 80 mg. of antibiotics per head daily. The trial was conducted for 98 days."

"Steers on pasture alone averaged a total gain of 53.6 pounds in 98 days compared to 94.3 and 124.7 pounds for those receiving the concentrate and the concentrate plus antibiotics, respectively. Steers fed the antibiotic combination in the concentrate consumed approximately one-third more of a salt-mineral mixture, fed free choice, than either of the other two steer groups."

"The inclusion of antibiotics did not affect market grades as the two steer groups receiving concentrates maintained approximately the same grade throughout the trial. Steers not supplemented during the winter terminated the trial with lower market grades than at the beginning of the study. Therefore, the concentrate was of value on the basis of market grade differences, also."

Anyone interested in more information on the trial can obtain it by writing to Dr. Haines at Belle Glade.

**1958 Agricultural Experiment Annual Report Out**

The 1958 Annual report of the 366 Research Projects underway at the various Agricultural Experiment Stations throughout Florida was recently printed. Anyone interested in this report can obtain it by writing to Bulletin Room, Florida Agricultural Experiment Station, Gainesville, Florida.

**Reasons Why Less Pasture is Being Used for Fattening Pigs**

The University of Illinois published the following figures this year on returns from an acre of land.

<table>
<thead>
<tr>
<th>Crop</th>
<th>Yield Per Acre</th>
<th>Total Income Per Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn</td>
<td>70 bushels</td>
<td>$77.00</td>
</tr>
<tr>
<td>Soybeans</td>
<td>32 bushels</td>
<td>64.00</td>
</tr>
<tr>
<td>Oats</td>
<td>42 bushels</td>
<td>23.00</td>
</tr>
<tr>
<td>Wheat</td>
<td>30 bushels</td>
<td>54.00</td>
</tr>
<tr>
<td>Mixed hay</td>
<td>2 tons</td>
<td>32.00</td>
</tr>
</tbody>
</table>

As contrasted to these returns following is the amount of feed saved per acre by pasture for growing fattening pigs at the University of Illinois.

<table>
<thead>
<tr>
<th>Stocking Rate</th>
<th>Feed Saving Value Per Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 pigs per acre</td>
<td>$6.12</td>
</tr>
<tr>
<td>40 pigs per acre</td>
<td>12.24</td>
</tr>
</tbody>
</table>

This information shows that it is more profitable to use the land for growing crops rather than for pasture for growing-fattening pigs. Similar information has been reported at the University of Florida by Drs. H. D. Wallace and G. E. Combs in AH Mimeo Report No. 59-3. Excellent legume pasture saved only $12.67 of swine feed per acre whereas it cost $37.90 for the pasture. This is one of the big reasons why more and more swine are being fattened in confinement. Pasture is still highly recommended for sows, however. There are also some conditions where it may be more economical to use high quality pastures for fattening pigs. This would especially be the case where the land is too rough for farming.

**Calcium and Phosphorus Content of Mineral Supplements**

Quite a few inquiries have been directed to us asking for the calcium and phosphorus content of various mineral sources. As a result, the following percentages are being given:

<table>
<thead>
<tr>
<th>Mineral supplement</th>
<th>Calcium</th>
<th>Phosphorus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bone meal, steamed</td>
<td>30.0</td>
<td>13.9</td>
</tr>
<tr>
<td>Defluorinated rock phosphate</td>
<td>21.0-29.0</td>
<td>9.0-13.0</td>
</tr>
<tr>
<td>Defluorinated superphosphate</td>
<td>28.3</td>
<td>12.3</td>
</tr>
<tr>
<td>Dicalcium phosphate</td>
<td>26.5</td>
<td>20.5</td>
</tr>
<tr>
<td>Disodium phosphate</td>
<td>—</td>
<td>8.6</td>
</tr>
<tr>
<td>Limestone (high calcium)</td>
<td>38.3</td>
<td>—</td>
</tr>
<tr>
<td>Monocalcium phosphate</td>
<td>16.0</td>
<td>24.0</td>
</tr>
<tr>
<td>Monosodium phosphate</td>
<td>—</td>
<td>22.4</td>
</tr>
<tr>
<td>Oyster shell flour</td>
<td>36.9</td>
<td>—</td>
</tr>
</tbody>
</table>

The Florida Cattleman
MATRONS ... like these excellent individuals in the R. W. Shuman Hereford herd near Plant City are examples of the steadily increasing quality of Florida purebred Hereford herds.

Hereford Bull
Sale Slated Nov. 5

APPROXIMATELY 75 head of registered Hereford bulls are expected to be consigned to the Florida Hereford Association's annual bull sale, scheduled at Webster, November 5.

That's the word from John Culbreath of Brooksville, president of the association.

Details of the sale remain to be worked out, but it's expected that the cattle will again be graded by a committee of competent and well-known commercial cattlemen. Last year, the Association provided free delivery "anywhere in mainland Florida", but it isn't known whether this feature, designed to encourage the small buyer or the man unable to buy a larger number, will be continued this year or not.

The sale will be held in conjunction with the Sumter All-Florida Breeders Show, as in past years, with judging of the registered Herefords to be held in the morning, and the sale in the afternoon. A. W. "Ham" Hamilton will be the auctioneer.

Most of the larger Florida Hereford breeders consign to the auction, as well as several herds in other Southeastern states. Strong demand was a feature of the 1958 auction, and good quality is expected to create an equally strong demand this year, Culbreath said.

Know Your Product?

KNOWING your product and having faith in it are basic necessities of any sale technique but Marvin Merton, prominent Arkansas cattle feeder and legislator, carries it a step further, with the following about his Hereford steers: "If you are interested in buying my steers, you can have a load to kill and examine before you buy them, and if they do not meet your standards the carcasses still belong to me."

D. Keen, Winter Garden, recently purchased 46 Herefords from Alberding and Son, Tavares. Three were bulls, 27 cows and 16 heifers.

for September, 1959

It's QUALITY That COUNTS at JO-SU-LI!

Here at Jo-Su-Li we have always prided ourselves in producing quality Hereford cattle. It is our belief that quality cattle don't cost, but more than pay for themselves in the long run.

We have been producing superior cattle for the past 18 years. Proof of this is our many satisfied customers. Sooner or Later . . . A Jo-Su-Li Bull.

See Our Show String At The Fall Shows

ATTENTION COMMERCIAL CATTLEMEN!

We have a wide selection of rugged range bulls for sale.

Write, phone or wire, NOW.

Jo-Su-Li FARMS

One of the South's Pioner Hereford Herds

COLQUITT, GEORGIA

Phone 3637

Clarence Cross
Owner

Ralph Thompson
Show Herd

John Wolf
Breeding Herd

Our Clean Pedigreed Horned Herefords Are Bred To Produce Profit, Pleasure And Posterity. See them!

CLEAN PEDIGREES INSURE MORE POUNDS OF BEEF

Spring Hammock Farms
Frank Pemble, Owner
State 7-4960
Leesburg, Florida

Florida Hereford Ranch
T. Noble Brown, Owner
Sycamore 3-3110
Webster, Florida

Bar Bet Farms
John Culbreath, Owner
Phone 5155
Brooksville, Florida

A THREE-WAY LOOK TO THE FUTURE
WINDSWEET . . . Farm in Georgia is where this champion Hereford steer came from. Pictured with him is his young owner, Mike Sweet, son of Orville Sweet, Windsweeper manager. The calf won at a 4-H and FFA show held in Atlanta last winter.

Floridians Buy At Lambert’s Sale

Many Floridians were present at the crowd-packed dispersion sale of R. E. Lambert and Sons, July 27-28 at Darlington, Alabama.

It was reported to be the largest dispersion of Polled Herefords in the world, seeing 580 lots sell for a total gross of $192,340 and an overall average of $332. 98 bulls sold for $45,870, with an average of $468, while 482 female lots grossed $146,470 for an overall average of $303.

Largest Florida buyer of the sale was Eugene O’Reilly, owner of Circle O Ranch, New Smyrna Beach, who purchased 11 bulls to be used in his commercial operation. Other Florida buyers were H. E. Hardee, Bronson, who purchased five females and J. B. Senterfitt, Laurel Hill, who purchased a bull.

Highest selling animal of the sale was CMR Advance Rollo 49, which went to R. C. Jackson of Auburn, Alabama on his final bid of $2425. Second highest selling animal was GAR Lucky Prince which went to R. C. Jackson of Auburn, Alabama on his final bid of $235.

Top selling female of the sale was Bama L Mischief 59 selling with bull calf at side. This good brood cow also went to R. C. Jackson for $700.

This two day event saw Jewett Fulker, W. “Ham” Hamilton, Bill Pace, Tom McCord, and Ike Hamilton handling the auctioneering chores.

The Lambert herd was one of the oldest and largest Polled Hereford operations in the South, having been inaugurated in 1900 by the late R. E. Lambert, Sr.

Transfers Listed

Recent transfers of Hereford cattle in Florida include the following: E. C. Puckett, Defuniak Springs, bought 10 cows and four heifers from Rudy Gaskin, Wewahitchka; William A. Schwey, Vero Beach, purchased two bulls, seven cows and eight heifers from W. J. Newman, Melbourne.
Institute

(Continued from page 23)
Fertilizer Company: Leroy Fortner, Superior Fertilizer and Chemical Company; and Ed Green Gulf Fertilizer Company.

These men discussed the best grasses and clovers for the different type soils in the state and emphasized the importance of fertilization for pastures.

**Feeding & Culling...**

A. C. Warnick, of the U. of F. department of animal husbandry, then told the importance of "Feeding and Culling as a Means of Increasing Your Calf Crop Percentage."

His general recommendations included: "Wean calves early in the fall... Check cows for pregnancy in the fall and cull all fat cows and heifers that are not pregnant and didn't wean a calf... Feed replacement weaning heifers a protein supplement... Separate first calving heifers... Feed protein supplement during winter to pregnant and lactating cows... Plant and maintain clover in your grass pastures... Provide mineralized salt and steamed bone meal... Check bulls for semen quality and breeding soundness... Have a restricted breeding season... Select replacement heifers from cows that have a history of regular and early calving."

**Cattle Diseases...**

"IMPORTANT DISEASE Conditions Encountered at the Animal Disease Diagnostic Laboratory" was the subject of Dr. W. L. Sippel, Kissimmee, director of laboratories for the Florida Livestock Board.

He emphasized parasites as one of the greatest problems of Florida's cattle industry. He said he was also alarmed at the number of liver flukes and the amount of Johnse's Disease in Florida, describing these and other diseases and giving a timetable for liver flukes.

**Cattlemen's Ass'n...**

FCA President Alto Adams, Jr. of Fort Pierce wound up the afternoon session with a report from the state association. He said cattlemen are now facing many small problems as well as several major ones. Among the major problems he listed: taxes, beef imports, possibility of reinstatement of screwworms, and the Brucellosis program (See article on page 24.)

These are days of organization, he said, and the cattlemen must keep strengthening their organization.

With the extremely heavy rains already experienced over south and central Florida during the current rainy season, and the prospects of their continuation, Army Engineers in Jacksonville warn that flooding may be experienced in some areas despite the beneficial effects of completed works of the Central and South Florida Flood Control Project.
SWINE RAISERS from throughout the state are expected to attend the University of Florida's Fourth Annual Swine Field Day, which is slated to begin at 8:30 a.m. Thursday, September 10, at the University's Livestock Pavilion on the Archer Road. Kenneth L. Durranne, assistant extension animal husbandman, is in charge of the event.

Registration will begin at 8:30, with Dr. Marshall O. Watkins, director of the Agricultural Extension Service, programmed to welcome the group at 8:45 in the pavilion. Ned Cake, extension economist, will discuss Florida hog prices versus national hog prices briefly following Watkins’ welcome, with a tour of the swine unit scheduled to start at 9:10 a.m.

At the swine unit, Durranne, Dr. H. D. Wallace, Dr. A. C. Warnick, L. A. Goode, W. E. Collins, Don Wakeman and Joe Vandeputeiend will conduct: inspection of new pig parlor, probing demonstration, energy intake and reproduction discussion, sow herd and replacement discussion, young pig nutrition discussion, phosphorous requirements discussion, farrowing facilities tour, and herd hire inspection.

After a carcass quality demonstration by Dr. Bob Reddish and Dr. Zane Palmer, and a question period conducted by Jim Pace, a barbecue lunch will be served at the pavilion, after which the group will board buses for Dan McCarty Hall where the remainder of the program is scheduled as follows:

- Pig parlors and manure disposal, Ray Sewell; Feeding and management of young pigs, G. E. Combs; Swine outlook for the coming year, Dr. T. J. Cunha; Crossbreeding in swine, Dr. Marvin Koger; Multiple farrowing, Dr. Wallace; Common diseases and their diagnosis; Dr. W. L. Sippel. All except Sippel, who directs diagnostic work for Florida Livestock Board, are on the University staff.

Shaded Feedlots Up Weight Gains

CATTLE IN shaded feedlots gain faster than animals fed in unshaded lots, according to a recent USDA report. Hereford steers on shaded lots gained an average of 2.28 pounds daily in experiments by scientists of USDA's Agricultural Research Service.

INDICATED PRODUCTION of hogs in Florida in 1959 could approach 781,000 head, according to Florida Crop and Livestock Reporting Service. That would be 12 percent above 1958.

84
Cattlemen throughout Florida have depended on The Cattleman Press for waterproof cardboard posted signs—which last several times as long as regular cardboard used by many printers. Now, by special arrangement with the manufacturer, we can secure long-lasting metal posted signs if you want them. Generally, special copy can be provided at little or no additional cost if desired. (All prices include sales tax.)

### Posted Signs

As illustrated (cardboard, top; metal, center), with your own ranch name imprinted. Waterproof cardboard signs are approximately 9"x11" in size. The metal signs are 9"x16". In ordering, give exact wording of name you want on your signs. PLEASE ORDER BY NUMBER.

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In ordering, use these order numbers (see designs at left):

- POSTED, No Trespassing, Hunting or Fishing. Waterproof Cardboard, Order No. 100; Rust-Resistant Heavy Metal, Order No. 200.
- "$500 Reward for Information Leading to Arrest, etc." (Available only to members of Florida Cattlemen’s Association; your local membership qualifies you. Waterproof Cardboard, Order No. 300, Rust-Resistant Heavy Metal, Order No. 400.

Waterproof Cardboard Signs can be shipped to you through the mails at reasonable cost. Due to the weight of metal signs, they should be picked up from the manufacturer at 2735 New Tampa Hwy., Lakeland, and they will be held for you there unless you make specific arrangements for delivery.

### FCA Reward Signs

Official FCA reward posters, larger than the Posted signs, are available on Waterproof Cardboard, approximately 11"x14" in size. They are sold only to FCA members (your membership in a local qualifies you). Quantities up to 50 at 35c each, minimum order $5.00.

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In ordering, use order number 500.

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

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In ordering, use order No. 600.

Transportation Charges Additional

**The Cattleman Press**

Box 891  Phone TI Iden 6-7401  KISSIMMEE, FLORIDA
Ace CMS 36. ALSO 15 gilts bred to him.
six certified litters,

Thanks you for the wonderful support you gave to his sale August 7!
We are now breeding Toppers King to a number of extra good gilts to be sold at private treaty. Make your reservation now!

BREEDING AGE BOARS FOR SALE
We’ll have from our best sows in October and November a number of good pigs from this certified boar. Priced reasonable. We want you to visit us.

Gatrell Duroc Farm
Henry and Fred Gatrell, Owners
Phone McIntosh LY 1-2882 or LY 1-2246
FAIRFIELD, FLORIDA

CERTIFIED DUROCs!
We are proud to announce the first Certified Meat Sire Farrowed and Raised in Florida .

MR. TOPPER ACE
Certified Meat Sire 36
made this rating on his first pig crop, and on the first five pairs of pigs slaughtered. He weighed 365 pounds at eight months of age when he was Junior Champion at the 1958 North Florida Fair. He is the 1959 Florida State Fair grand champion.

WE HAVE FOR SALE
six certified litters, plus other gilts and service age boars, sired by Mr. Topper Ace CMS 36. ALSO 15 gilts bred to him.

HAYNES DUROC FARM
Phone Branford WE 5-2162
O’BRIEN, FLORIDA

Duroc Sale Features Big Demand
STAFF DEMAND featured the Gatrell-Haynes Duroc sale, held at Fairfield August 7, with particular interest shown in gilts selling bred to Toppers King CMS 36, Gatrell’s premier sire for the nation in 1958.

Highest selling bred gilt was Star Beth, which was sold by Gatrell to Norris Cattle Company bred to the “19th.” Highest selling boar was another Gatrell entry bought by James Venable of Archer for $300.

In all, the 62 head of swine grossed $10,368 (of $167 per head), with the 37 bred gilts averaging $219, the 13 open gilts $74, and the 12 boars $109. Largest buyer was Venable, who paid $1730 for seven head, will Millhaven Farms of Millhaven, Georgia second, spending $1100 for nine head.

Joining with Gatrell Duroc Farm in the sale which was held on the Gatrell ranch was T. J. Haynes of O’Brien, who sold 21 head of the offering.

 Buyers, listed by consignor and type purchased, with number of head bought if more than one, and dollars spent, were as follows:

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<th>Gilt Purchaser</th>
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| Toppers King  | Wilson Mathews, Tampa $300; Florida Power Corporation for Boys’ Ranch $206; Norris Cattle Company, Montezuma, Georgia (3) $985; S. H. Yonge, Tennille, Georgia (2) $900; James Venable, Archer (5) $1270; W. K. Shepard, Archer $165; W. A. Shands, Island Grove (2) $880; Southern Breeders, McDonough, Georgia (2) $355; J. J. Eunice, Bristol, Georgia $220; L. J. Mills, Baxley, Georgia $200; John H. Talton, Apopka $200; G. C. Roberts, Trenton (2) $370; Flanders Brothers, Adel, Georgia $255; R. C. Heron, Trenton (2) $410; Raymond Odum, Iron City, Alabama $215; Millhaven Farms, Millhaven, Georgia $165; Haynes Bred Gilts—Jim Mullis, Cochran, Georgia $160; Shands (2) $460; J. B. Forbey, Garden City (2) $445; G. C. Chatmack, Martin $165; Flanders Brothers, Adel, Georgia $190; Ellis Beamer, Redick $160; Millhaven Farms, Millhaven, Georgia $175; Venable $160; Haynes Bred Gilts—Lake Butler FFA (2) $110; Flanders Brothers, Adel, Georgia $170; Yonge $70; Martin Peed Company, Trenton $55; Eunice $55; Millhaven $100; Haynes Open Gilts—Millhaven Farms $75; Martin Peed $65; J. P. Arnold, Baxley, Georgia $62.50; Robert Barnett, O’Brien $55; Yonge $70; Haynes Boars—Millhaven (2) $365; Venable $300; Foebo F. Johnson, Adel, Georgia $75; Forbey $70; Roy Nixing Wildwood $65; Haynes Boars—Eunice $90; Millhaven (3) $220; Mathews $75, Southern Breeders $75.

Weed Control Helps
FORAGE PRODUCTION of most pastures can be increased by controlling weeds, according to Dr. E. O. Burt, assistant Agronomist with the Florida Agricultural Station.

In pastures, weeds are often indicators of poor soil and poor management, Burt says. When enough lime and fertilizer are added to adequately drained soils, grasses and legumes tend to prevent weeds from becoming established.

There are 6,334,000 hogs in Canada. This figure is 29 percent above the hog population of a year ago.

The Florida Cattlemen
Here Is What They Are Saying About Charbray

Here are some of the things they're saying about Charbray cattle, reports Mrs. Quinta Arrigo, secretary of the American Charbray Breeders Association:

A Utah rancher—written up in a farm magazine in that state—reported 50 head of Charbray calves weighing 552 pounds at weaning, while 50 calves of another breed averaged 420 pounds—150 pounds less per head.

Another Utahan reports that his Charcross (Charbray on straight-bred cows) calves averaged $52.72 more per head than his purebreds of another breed.

A Missourian reports that “Charbray crosses are producing about 20 percent more weight at the market, with one steer gaining 31.4 pounds per day for 16 consecutive months on a test. He weighed over a ton at 30 months and went U. S. prime, dressed 65.4 percent.”

From Illinois, one farmer reports good results from his Charbray bull in developing animals heavier than with straight-breds. Steers he's raised have shown a weight of from 150 to 290 pounds greater than other steers, after being fattened along with straight-bred steers.

Haynes Duroc Sire Is Certified Meat Sire

A Haynes Duroc Farm sire—Mr. Topper Ace, grand champion at the 1959 Florida State Fair—even won new honors with his selection as the first Florida farrowed and raised boar to become a Certified Meat Sire, reports owner T. J. Haynes of O'Brien.

The recognition came on the record of his first pig crop, and on the first five pairs of pigs slaughtered from that pig crop to boast, reports the swine breeder.

Mr. Topper Ace showed his outstanding quality early: he was junior champion at the North Florida Fair swine show last fall at eight months of age, and weighed 365 pounds at the time.

Air Pollution Will Be Sampled in Polk

CATTLEMEN IN Polk County have failed in an attempt to have Spanish moss used as a sampling medium for air pollution. Arthur Bissett, representing the cattlemen at a public hearing before the Florida Air Pollution Commission in Gainesville on March 22, maintained that moss should be used instead of grass because cattle will eat it in preference to other forage. He stated also that Spanish moss acts as a "sponge for fluorides."

The commission decided however, that grass should be used as the sampling medium.

for September, 1959 87
Council to Hold ‘Stew’ Promotion

Larger runs help bolster revenues

FLORIDA BEEF Council is spending $1800 this fall to push Beef Stew—part of the National Beef Stew program sponsored by the National Beef Council and other groups.

That was one of several big accomplishments of a Florida Beef Council meeting at Lakeland July 24 which saw all officers reelected and these actions taken:

1) Federal grading was strongly endorsed “as the only official and uniform means the public has of getting a standard quality” in a letter to Secretary of Agriculture Ezra Taft Benson urging continuation of federal grading services. Action was taken after Erwin Bryan, Jr., of Central Packing Company at Center Hill reported that “a very concerted effort” is being made by certain unnamed groups and organizations to discontinue government grading of beef.

2) The printing of additional copies of the new booklet, “Eight Ways to Keep Slim with Beef” was authorized when present supplies run out. One grocery chain has already offered to use 50,000 copies of the booklet—so the 100,000 authorized at the Sarasota convention meeting may soon be exhausted.

3) Presentation of the “Meat Manual” put out by National Live Stock and Meat Board (and covering pork and lamb as well as beef) to the next 100 brides in Highlands County was authorized. If this is successful, the Council hopes to put out a “Beef Manual”, devoted strictly to beef, for similar use over a wider territory.

4) Travel by Louis Benito, the Council’s public relations counsel, was okayed when needed to “properly put over programs for the Council.”

5) Plans for Meat Schools for retail store personnel in Dade, Palm Beach and Osceola Counties, and for Meat Information Schools in Leon, Lake, Brevard, Polk and Sarasota Counties, both in cooperation with the Meat Board, were reported by Dr. R. L. Reddish of the University of Florida.

6) President Ledley Wear of Lake- land, Vice President George Young of Belle Glade, Secretary June Gunn and Treasurer R. Elmo Griffin, both of Kissimmee, were all reelected unanimously.

Financially, Treasurer Griffin reported on July 31 collections for the month of $2248.97, and expenditures of only $931.85. Bank balance, July 1 was $3893.92, and $5211.04 at the end of the month, with $224.89 of that owed to...
National Live Stock and Meat Board and $449.78 to National Beef Council.

Expenditures during July included:
National Beef Council (June payment) $150; National Live Stock and Meat Board (June payment) $75; Louis Benito, Advertising, for June $706.85.

Receipts during July were:

Brahman Sales
Up 47% Over 1958

Sales of registered Brahman during the first half of 1959 were more than 47 percent higher than during the same period in 1958, reports the American Brahman Breeders Association.

"The overall tabulation of official Brahman transfers indicates that Brahman breeders are experiencing an expanding market and greater demand for their cattle," ABBA comments. The total transferred during the six-month period this year was 5217 head.

Figures represent only sales of registered cattle recorded by ABBA, and don't include the large volume of registered but unofficially transferred cattle that have been moving on the commercial market, the report notes.

Venezuela Is Biggest Importer

More registered Brahman went to Venezuela during the first six months of 1959 than to all other countries, with the South American nation purchasing a total of 2354 of the 2881 registered Brahman exported.

In addition to the Venezuelan shipments, 136 head went to Mexico and 110 head to the Philippines, with exports also reported to Costa Rica, Cuba, Ecuador, Dominican Republic, Guatemala, Madagascar, Nicaragua, Panama, Puerto Rico, and British Honduras.

U. S. Brahman breeders exported 10,843 Brahman and Brahman hybrids last year, reports ABBA—62 percent of the total of all U. S. beef cattle exported. American Brahman can now be found in 44 countries outside of the continental United States.

Less Cows in England

The number of cows on the farms of England and Wales is going down. There are about 2,321,000 head of cows and heifers in milk. This is five percent below the population for last year. The number of cows in calf but not in milk is 718,000 head, about four percent below last year.

for September, 1959
What an eager beaver! Fast, clean, efficient and dependable. Handiest helper on farm, grove and ranch. Carries his weight, lightens my load. Works for bargain wages... and the more I use him, the cheaper are his services.

Brahman Field Day Scheduled

EBA to hold event at Kissimmee Sept. 26

A field day of interest to all cattlemen of Florida and the Southeast is scheduled to be held in the Kissimmee Valley Livestock Pavilion at Kissimmee, on Saturday, September 26. Eastern Brahman Association directors decided at a meeting in Tampa in July.

The field day committee, headed by L. S. Harris and O. L. "Slim" Partin, in a meeting following the meeting of the full board of directors, outlined a program including a judging school and demonstration for Brahman cattle.

Louis Gilbreath, well-known cattle judge of Ocala, will place the animals and explain his placings.

Dr. William Sippel, head of the Florida Livestock Board Diagnostic Laboratory, will explain the operation of the laboratory, and tell those gathered for the field day how they can best make use of the facilities available. Dr. Sippel has also invited the group to tour the laboratory, which is located near Kissimmee.

Three prominent commercial cattlemen have been invited to participate on a panel to discuss the best types of Brahman bulls for use on commercial herds, while three breeders of purebred Brahman will explain what they are doing to produce the kind of bulls desired by the commercial breeders.

Harry Gayden, executive secretary of American Brahman Breeders Association, has been invited to discuss the results of experiments in crossbreeding completed in many of the agricultural colleges and experiment stations of the nation.

A barbecue lunch will be served at noon for the convenience of those attending the field day. A nominal charge will be made for the lunch.

In other business discussed at the EBA meeting, the show and sale committee recommended that EBA support the Ocala Bull Sale next January. 11 Brahman bulls were pledged for the sale, and other breeders are being urged to consign bulls to the sale.

President G. T. Stack of Tampa reported that 14 Brahman-Hereford hybrid

BRAHMANS
For Sale At All Times

L.S. HARRIS RANCH
P. O. Drawer 731
KISSIMMEE, FLORIDA
(11 8-221)
steer calves have been placed with FFA and 4-H Club members to be fitted and shown in the upcoming show season. Most of the steers will be shown in the Florida Fat Stock Show, scheduled to be held during the Florida State Fair in February. Eastern Brahman Association is offering a total of $360 in extra premiums for the top placing hybrid steers carrying 50 percent or more Brahman blood.

More Parasites Seen at Lab

by WM. L. SIPPEL, V.M.D.
Florida Livestock Board

Cases of parasitism are being seen in increasing numbers. Now is the time to check livestock closely for signs of parasitism. The moist conditions of the past summer have been favorable for the development of parasites in many areas.

In addition to cattle parasitized with intestinal worms, we have had cases of heavy fluke infestation and some calves with lungworms. Our parasitologist, Dr. Coperrider, has also found heavy parasitism recently as the cause of death in a horse.

The seasonal increase of anaplasmosis that has been expected has materialized. The disease has appeared in several dairies as well as in beef cattle. Some of the dairymen are feeding preventive levels of aureomycin in the feed. This must be done carefully as too much, or feeding it too long, will lead to trouble.

Sugarland Ranch

Five Star Quality

★ Breed Characteristics
★ Scale and Substance
★ Outstanding Bloodlines
★ Beef Conformation
★ Gentleness

Our Chief Herd Sire, Albacara, Jr.

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

for September, 1959
MEAT PRODUCTION . . . during the past 10 years has seen beef pass pork in terms of per capita production, as the chart above shows. Pork production is now rising, but beef production is remaining high, despite high prices.

Meat Promoters Analyze Outlook for Supplies

It's unlikely that an increase in beef supplies in 1960-61 will coincide with the current rise in pork production, reports the National Meat Promotion Committee (in which National Beef Council and American National Cattlemen's Association participate) in its summary of information presented at a July 24 meeting in Chicago.

That's one of the differences in today's cyclical period of increase, compared with the last one (1955-56) which was marked by a coincident increase in both beef and pork. The summary states:

"Beef is in a cyclical shortage now, but it is the most abundant shortage the nation has ever experienced. In fact, more beef is being produced than pork, with commercial production of beef in 1959 estimated at 13.3 billion pounds compared with 10.9 billion pounds of pork.

"However . . . beef production is showing only a two percent increase over 1958, while pork output is jumping some 11 percent (and) is expected to be the greatest since the World War II years of 1943-44."

Per capita consumption of meat this year is forecast as 157.5 pounds—5.5 pounds over 1958, including 80 pounds of veal and 4.4 pounds of lamb.

Pork Promotions Slated

The 1959 total pig crop is estimated at 104.5 million pigs, and increased supplies of pork should continue well into

Pork Promotions Slated

Two special pork promotion periods have been selected by the National Meat Promotion Committee—October 1-10 and December 4-12—and the National Association of Food Chains has already announced plans to "help move into consumption the largest per capita pork supply in nearly a decade."

The two special periods will be simply "high spots" in a 9-12 month continuing promotion program which the committee has recommended to meat retailers, restaurant operators and packers.

Pork is in the economic and promotion spotlight because of a sharp increase in supplies in 1959, due to a 12 percent increase in the 1959 spring pig crop following a 17 percent larger pig crop in the fall of 1958, plus an additional increase of an expected nine percent in the 1959 fall farrowings over 1958.

The chains are calling their campaign the "Pork-a-Plenty" project. Three "plus values" in pork are named: it contains much thiamine, essential to a properly functioning nervous system; it has few calories, less fat and more protein than formerly realized; it's the ideal meat for tie-in with the Better Breakfast promotions, due to the large variety and form of pork products.
Now is the Time to Apply Nitrogen
For Late Fall Growth To Increase Nutritional Value of Pastures

TAKE YOUR CHOICE:
And Increase Your Beef or Crop Profit

- Anhydrous Ammonia costs less per pound—
- Last longer—leaches less—
- Loosens sod-bound pastures while being applied—
- Does not require uncertain rains to carry it down—
- It's applied underground—at root level—
- No need to remove cattle while applying—
- Nitrogen immediately available to grasses—
- Quick, easy application—
- Low cost per acre—
- Prompt service—
- Immediate stimulation to growth—

In order to offer a complete service of Nitrogen application for farmers and ranchers, we have installed, along with our Anhydrous Ammonia service, a service for the application of Ammonium Nitrate. Ammonium Nitrate Solution offers most of the advantages of Anhydrous Ammonia and can be applied to rough pastures—wherever the applicator truck can travel. Application is quick, offering immediate stimulation to plant growth when needed.

Anhydrous Ammonia

Our new Ammonium Solution applicator truck (above) at work in a Florida pasture.

It will soon be time—
to start putting
nitrogen on winter cover
crops and small grain
programs—either
pre-plant or top dress.

Corn planting should include an application of Anhydrous Ammonia—
either pre-plant or top dress.

FLORIDA-GEORGIA INDUSTRIES
FOUR PLANTS TO SERVE YOU—Ocala, call MA 9-2418—Alachua, call HO 2-3825—Lake City, call 1987—and Tampa.

Main Office: P.O. Box 690, Lake City, Florida—Phone 1987
the summer of 1960, reports the meat promotion committee.

"For instance, production in the first and fourth periods is not likely to be up to the peaks that occurred in those quarters in 1955, but the second and fourth quarters should be much higher than previously. The supplies moving to market during the summer have been well above the usual for the April-September period.

"This cut down on the customary summer peak in prices (with hogs actually going down to $13 per hundred in July), but could prevent a deep dip in prices in December. Pork production in June and July was 16 percent higher than during the same months last year." The level of hog prices was regarded as not good—but not disastrous—with improvement expected.

**Beef Production...**

WHERE BEEF is concerned, the committee regards 1959 as a year of relative stability. The year is being marked by a well-maintained supply of high grades of beef, with lesser amounts than usual of the lower grades, due to an all-time record volume in cattle feeding (10 percent higher on July 1 than on the same date of 1958.)

"Consumer demand remains strong for beef in spite of increasing supplies of pork and poultry. The year 1960 will likely see the beginning of increased supplies of beef, but it is thought that the upswing won’t be as drastic and sharp as in 1952-53."

"Prices of cattle have not climbed as high as they did in 1950-52, and they are not likely to do so. By the same token, a big decline in prices such as that of 1953 is not in prospect for the near future. Entirely possible, however, is a gradual easing of prices in the next year or two. Whether prices slip gradually to a lower level, or go through another 1953-type break, depends on whether the future cattle expansion is extreme or more moderate."

**Spit Ball, Jr., Killed by Lightning at Panuleta**

ARTHUR PANCOAST, owner of Panuleta Farms near Delray Beach recently reported that lightning has killed Spit Ball, Jr., one of his top Santa Gertrudis sires.

The bull was one of Pancoast's top show bulls and was named grand champion at the Florida State Fair in Tampa this year.

Pancoast states that Spit Ball Jr., was a son of Spit Ball, the well-known Panuleta bull that compiled a long string of grand championships during his days in the show ring.

The loss to Panuleta will be great since the bull's first calves are showing a lot of promise.

OFFICIALS of Santa Gertrudis International have announced the publication of Volume II of the Association's herd book, "Recorded Herds."
King Ranch SG Joins Select Group Gaining 3.8 Daily

Gaining 500 pounds during a 140-day performance test is quite an accomplishment. Santa Gertrudis Breeders International reports that only eight of the more than 3500 bulls of all breeds officially tested since 1942 at Texas experiment stations have reached this record—and that seven of them have been Santa Gertrudis.

Most recent to “break” the 500-pound “barrier” was a King Ranch bull which gained 533 pounds during a recently completed 140-day test at the Texas experiment station at McGregor—an average of 3.8 pounds gain per day. Finish weight of the bull was 1244 pounds.

Highest official gain made to date in Texas was made by another Santa Gertrudis bull which completed the test at McGregor in 1958 with an average of more than 3.9 pounds per day for a total of 551 pounds. The King Ranch bull is the second highest gainer of the seven Santa Gertrudis which have surpassed the 500-pound mark.

Santa Gertrudis Handbook Is Out

The new 1959 edition of the Santa Gertrudis Breeders International Handbook has been distributed to more than 790 SGBI members, according to Secretary R. P. Marshall of Kingsville, Texas.

Booklet covers SGBI rules and regulations, policies and suggestions concerning such items as membership in the association, classification of cattle, grading up to purebred status, use of artificial insemination within the herd, promotional material available to members, and other information.

Standard of excellence for the breed occupies the center section, with a sample copy of a sales record form, a certificate of gain record and various forms used in connection with artificial breeding also shown.

Fertility In Cattle Booklet Is Available

"Fertility in Cattle," a widely acclaimed address by Dr. John Hammond, University of Cambridge, Cambridge, England, has been published in booklet form and is available for general distribution at 50 cents per copy, from Santa Gertrudis International, P. O. Box 1373, Kingsville, Texas.

SG Shows 61% Gain

Classification of Santa Gertrudis beef cattle for the first four months of the 1959-60 fiscal year is up 61 percent over the same period of the preceding year, according to records of Santa Gertrudis Breeders International.

for September, 1959
Ponce de Leon Raceway
Gets Weekend Race Dates

PONCE de Leon Raceway—between St. Augustine and Jacksonville at Bayard—will operate three days each week during December and January, with somewhat higher purses offsetting the effect of fewer racing days, Drew Massee of Polk City, new president of the Quarter Horse-harness track (see box below), has announced.

State Racing Commission approval has been received for racing on Friday, Saturday and Monday nights during the two-month period—a total of 26 racing days, plus an additional night of racing for the state scholarship fund on Thursday night, January 28.

Tentative planning is for three Quarter Horse races daily and six harnesan races, as was the case last Spring when the track was open daily, except Sunday, from February 20 through April 11. All races except the 300-yard races will be on the oval track, and 440, 550 660, 770 and 870 yard races are planned.

Features of the Quarter Horse season will be four stake races: two for two-year-olds with one open to the world and one limited to Florida entries only, and a pair for three-year-olds on the same basis. The stakes are tentatively scheduled for December 19, January 9, January 16 and January 23. Entries will be received up until October 1, with $25 fee to be paid with the entry, $25 on November 1, and $50 at the regular closing for each of the races.

Massee said the board of directors has rehired Charley Russo as manager for the track, and that the racing secretary will be announced as soon as selected.

"We're expecting a highly successful season in both the Quarter Horse and harness departments," said Massee. "The longer Quarter Horse races should stimulate more interest on the part of the spectators, and we believe the weekend schedule will be well accepted by both the public and the horse owners."

Leptospirosis Can Affect Humans

WHEN LEPTOSPIROSIS is suspected or present in a cattle herd, take care to prevent possible human infection, cautions Dr. F. H. White, assistant bacteriologist with the Florida Agricultural Experiment Station.

He says leptospirosis may enter the human body either by direct contact with infected urine or by contact with water, soil or other materials contaminated with infected cattle urine. Leptospires readily enter the body through small lesions or abrasions, which are almost always present on the hands.

To combat possible infection, Dr. White recommends that herdsmen wear waterproof gloves when working with infected or suspected animals. He says symptoms of human leptospirosis caused by the cattle strain usually consist of fever, chills, headache and muscular pains, with more severe symptoms in some cases. The symptoms are not distinct enough to readily be associated with leptospirosis.

Inspectors Stop Screw Fly Entry

PROMPT ACTION by federal inspectors at one of the permanent checking stations last month prevented entry into the Southeastern territory west of the Mississippi River. The costly pests were destroyed after being discovered at the West Memphis, Arkansas, checkpoint, in a truckload of cattle from Texas consigned to Montgomery, Alabama.

Massee Heads Ponce de Leon

A pair of prominent Floridians have been elected to the top posts at Ponce de Leon Raceway, the board of directors announced following a meeting in New York on July 24.

Drew Massee of Polk City, president of the Florida Quarter Horse Association, was elected president of the track, and R. C. Fernet of Stuart vice president, in a complete shift which followed resignation of Leo Blank, the New Yorker who has headed the track since it was reorganized a year ago.

Two New York residents will serve as the other officers: Harold Hughes as secretary and James Limmer as treasurer.

Massee has served as a director of the track for the past year by virtue of his position as head of the Quarter Horse association. He's also active nationally in horse work, serving as an alternate director of the American Quarter Horse Association and director of the National Cutting Horse Association.

Fernet, who operates the First Mortgage Corporation of Stuart and other financial institutions in Florida, has also been a director of the track. Ponce de Leon is the only pari-mutuel Quarter Horse track east of New Mexico.
QH Show Is Slated at Gainesville

Labor Day event to be complete show

Racing, halter show, cutting and calf roping will all be featured at the Gainesville Quarter Horse show which will be held at Gainesville on Labor Day weekend, under joint sponsorship of the Florida Quarter Horse Association and local backers.

That's the word from E. J. Annis of Newberry who is chairmaning the event and urges both prospective entrants and spectators to make it a "must" on their September calendars.

Halter show will be held on Sunday morning, September 6, starting at 9 a.m., with one of the nation's top judges—Weldon Johnson of Snyder, Texas, who recently judged the Memphis show—selecting the winners. Johnson also will judge the Novice Cutting, which will begin at 1:00 p.m., Sunday, and the Open Cutting slated both Sunday and Monday.

The performance shows on Sunday and Monday afternoon are tentatively scheduled to start at 2 p.m. with Grand Entry, Parade of Halter Show champions, Open Cutting, first half Calf Roping, Barrel Race, second half calf roping, and 220 and 330 yard races.

A nominal admission will be charged for these performance shows.

Classes in the halter show will include: 1959, 1958, 1957, 1956 and older stallions, duplicate classes for mares, a gelding class, and a class for produce of dam. Trophies are being provided in all but the produce of dam class, Annis has announced.

Assistant chairman for the event is Gerald Wright. Event chairman are: Racing, Charlie Brown; Cutting and other performance events, A. M. Wells; Halter show, Drew Massee.

Agrozyme Increases Dry Corn Value

The moisture content of the corn fed is the factor which determines the effectiveness of the premix enzyme Agrozyme. Results of experiments reported by the Iowa Agricultural and Home Economics Experiment Station at Ames, indicate that the addition of Agrozyme to corn with a high moisture content added little or nothing to its feeding value, whereas adding the enzyme to dry corn stimulated live weight gains and appetite, improved feeding efficiency and increased margin per steer over feed costs in the experiments.

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For September, 1959

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Sept. 6 and 7

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Bull Riding
Saddle Bronc Riding
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RCA-Approved

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Don't Miss the
Okeechobee Rodeo!

LABOR DAY rodeos at Immokalee and Okeechobee will kick off the fall season with a three-day event following at Branford, September 25-27.

Both Labor Day rodeos have two shows scheduled—Sunday afternoon and Monday afternoon. The Branford show will run Friday, Saturday and Sunday. Immokalee calls its event “strictly amateur” while both the other shows are approved by Rodeo Cowboys of America.

At Immokalee both performances are set for 2:00 p.m. with a big parade at 10 a.m. on Monday. This event is sponsored by the Immokalee Saddle Club. The animals brought in for bronc riding, bull riding, steer dogging and calf roping will be making their first appearance in an arena, according to club officials.

For entries and other information on the Immokalee event contact Mabery Skipper, president of the club, in Immokalee.

A tentative schedule for the Okeechobee event includes 2:00 p.m. performances for both days, with the usual five contest events—bull riding, saddle bronc riding, bareback bronc riding, calf roping and bulldogging. This show is sponsored by Okeechobee County Cattlemen’s Association and both performances will be staged in the arena, one mile north of town on Highway 441.

An added attraction at the Okeechobee rodeo this year will be two go rounds of cutting competition—one each day—with a $50 added purse, furnished by the Okeechobee County Cattlemen’s Association. Buck Lee is chairman of this event.

The Branford event, sponsored by the Suwanee River Riding Club, is offering $825 in prize money. It is being tagged “RCA World Championship Rodeo.” The six major events—the usual five and “RCA World Championship Rodeo.” The six major events—the usual five and barrel racing—are RCA approved.

Part of the proceeds from this event will go to the newly established Florida Sheriff’s Boys Ranch near Live Oak. September 25 and 26 performances will be held at 8:00 p.m. while the one scheduled for September 27 is set for 2:30 p.m. Rodeo headquarters for this event is Mose’s Livestock Market, Branford.

Meanwhile, results have been received from a roping, dogging and barrel racing event sponsored by Trenton Lions Club and Addy Jones and held in July at Trenton. Winners, listed in order by events, with times in parentheses, were as follows:

- Calf roping—First go-round: C. O. Sage (10.0), Bob Sapp, Addy Jones, Terry Caldoner, Scott Sapp, Average: Sage (17.0)
- Bull riding: Harold Mills (31.3), Gerald Wright, Sapp, L. C., Sapp, Average: Sage (24.0), Austin Tilton, Caldoner, Wright
- Bulldogging—One go-round: Cecil Williams (9.9), Albert Bareille, Charlie Alford, W. B. Motes
- Barrel race: Sonya Howard, Carolyn Owen, Helen Mills, B. J. McCullars and Wilda Stalvey
Carter Leader
Of RCA Cowboys
Through June 30

GENE CARTER of Dundee—Florida Champion Cowboy for 1957—is leading in 1959 standings of the Florida Rodeo Association, with a total of 1272 points, reports Mrs. Faye Blackstone, secretary-treasurer, of Parrish.

Second in the all-round is Foy Reynolds with 600 points, with Edwin Froehlich third with 549 and Albert Barthle fourth with 399.

In the champion cowgirl contest, based on barrel race results, Mrs. Blackstone leads with 164 points, with Helen Mills second with 40 and Jody Reynolds third with 27.

Event leaders are as follows:


D. D. Faltin is president of the recently-formed group, with Robert Howard, Vick Blackstone, Froehlich, Barthle and Hopkins as directors.

Palomino Breeders
To Name Top Horse

A POINT system for recognizing the best Florida Palomino was worked out by the Florida Palomino Exhibitors Association at a meeting in the home of Walter Franzel, Land o' Lakes, recently. Trophy is to be awarded at the April meeting in 1960, according to Mrs. Franzel, the group's publicity chairman.

Preceding the meeting, over which President Elmer Rudd of Jacksonville presided, the group saw an exhibition of Palominos and ate a picnic lunch. Rudd gave the group a report of the national meeting at Mineral Wells, Texas, and members agreed to encourage the registration of all eligible Palominos in Florida.

Next meeting of the group will be held on October 11 at the home of Jack Frazer, Williston, at which plans for the Tampa show November 8 will be finalized. All interested in Palominos are invited to attend.

Cattle Population
Highest In History

WORLD CATTLE numbers will probably go over one billion head by the end of the year, a Foreign Agricultural Service circular reports.

Numbers increased 14 million in 1958 and reached almost 992 million head—a new record. Largest increases were shown by the Soviet Union and North America. Both were up 4.1 million.

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The Shannons of Ocala

by ETHEL HALE STANCIL

LAST MONTH Kowbelles starred Mrs. Ila G. Furgeson, retired after 12 years in the bookkeeping department of the Norris Cattle Company, and mother of G. A. “Furgie” Furgeson, general manager of that company.

A visit to the office of Norris Cattle Company at Lowell is incomplete without visiting attractive Mrs. Nelida Marie (Edward) Shannon, whose adeptness at translating from English to Spanish and vice versa smooths the transactions necessary to the extensive export business the company enjoys with Spanish speaking countries.

Born in Puerto Rico, the Spanish tongue is native to her; she had to learn English. But conversing with her one would not guess her background, for her English is perfect and there is no hint of an accent.

The family came to New York when she was 10, hoping that the climate would help her mother’s health. However, her mother soon passed away and her maternal grandmother, Mrs. Maria Miguel (Spanish for the English Michael) Sierra, a widow, came from Puerto Rico to care for the family.

Besides Nelida, there was a son, Abelard (who now works with the sanitation department of the city of New York), and two other daughters, Genoveva (now Mrs. Paul Sola also of New York) and Eva (Mrs. Armand Fraiz, of New York), and the father, Zoilo Maristany.

Mrs. Sierra, the grandmother, had taught school for over 30 years and was an ideal person to mother the children. Her sight was failing and she used to have Nelida read to her in Spanish at night. Painstakingly she corrected the girl’s enunciation, oral grammar, to her Mrs. Shannon gives much of the credit for her translating ability.

Mrs. Shannon did translating work with the U. S. Steel Export Company, also the Mexican government in the petroleum offices for the Gran-Columbian Fleet during the war. Besides letters, she has translated short books and legal documents. She takes dictation in either Spanish or English—writing Pitman shorthand.

“When I speak or write in English, I think only in English,” she says, “likewise when I write and speak in Spanish.”

Edward Shannon is bothered with arthritis and the family came to Florida, thinking the climate might help that. The reason they chose Marion County: they wrote to over a dozen chambers of commerce scattered over the state with only the one in Ocala responding. Results: Edward came down and two days later had purchased their present home in Anthony, a cozy little cottage that has a real homey atmosphere.

Edward is the genius who transformed the white log walls into a thing of beauty with varnish—stain. They are a lovely light glossy brown (he keeps them waxed, with varnish—stain. They are a lovely light glossy brown (he keeps them waxed, with varnish-stain. They are a lovely light glossy brown (he keeps them waxed, with varnish-stain. They are a lovely light glossy brown (he keeps them waxed, with varnish—stain. They are a lovely light glossy brown (he keeps them waxed, with varnish—stain. They are a lovely light glossy brown (he keeps them waxed, with varnish—stain. They are a lovely light glossy brown (he keeps them waxed, with varnish—stain. They are a lovely light glossy brown (he keeps them waxed, with varnish—stain. They are a lovely light glossy brown (he keeps them waxed, with varnish—stain. They are a lovely light glossy brown (he keeps them waxed, with varnish—stain. They are a lovely light glossy brown (he keeps them waxed, with varnish—stain. They are a lovely light glossy brown (he keeps them waxed, with varnish—stain. They are a lovely light glossy brown (he keeps them waxed, with varnish—stain. They are a lovely light glossy brown (he keeps them waxed, with varnish—stain. They are a lovely light glossy brown (he keeps them waxed, with varnish—stain. They are a lovely light glossy brown (he keeps them waxed, with varnish—stain. They are a lovely light glossy brown (he keeps them waxed, with varnish—stain. They are a lovely light glossy brown (he keeps them waxed, with varnish—stain. They are a lovely light glossy brown (he keeps them waxed, with varnish—stain. They are a lovely light glossy brown (he keeps them waxed, with varnish—stain.

Edward says the waxing keeps them fresh-looking without need for further coats of varnish—stain which would darken them.
Mrs. Shannon’s first year in Florida was spent quietly at home with young Margaret—now 11—their only child. Loving people, she decided to see about part-time work, with the result that she was soon working full-time for Norris Cattle Company, which had been looking for someone with her qualifications.

Spanish customers coming to the company offices are delighted to find who speaks their language. A Cuban woman, struggling with meager English, tried to tell Mrs. Shannon what she wanted. When Mrs. Shannon answered her in Spanish the woman’s face lit up. “You speak Spanish?” she asked and hurried outside to bring in her companions. “Thank you very much,” she said on her return. “I’ve found someone who speaks Spanish!”

Customers frequently remember Mrs. Shannon with Spanish novels and other Spanish books which she cherishes. Spanish books are easily available in New York but few are in the local library. Primers are favorites for teaching Margaret, who reads at least a page a night aloud—first in Spanish and then English. Mrs. Shannon listens carefully to her Spanish accent, which she hopes she will retain.

I listened to Margaret read and the meaningless words took on rhythmic beauty. I asked Mrs. Shannon what she meant by her Spanish accent.

“For one thing,” she pointed out, “rolling her r’s. I don’t want her to speak Spanish with an English accent. Let her leave that for speaking English!”

Spanish humor Mrs. Shannon labels funnier than American.

Mrs. Shannon’s knowledge of Spanish is sought after locally. A few days ago a Spanish traveler showed up at the airport, unable to speak a word of English, and she was summoned.

Three-four years ago an anonymous Spanish girl used to call her to inquire how to buy this or that. She would be in a store and not know how to ask for what she wanted. One day after giving her the information the girl said, “Oh, I got married,” at the end of the conversation and hung up. A year or so later she called from a doctor’s office to ask Mrs. Shannon’s language help.

“Don’t tell me you have a baby!” Mrs. Shannon did manage to edge in, but the girl hung up without answering and she has never heard from her since!

Mrs. Shannon’s elderly father, who has suffered a stroke lives with daughter Genoveva. All of the children live near one another in New York—except Mrs. Shannon.

I wanted to give Mrs. Shannon’s own personal recipe for “Rice Boiled in Chicken Broth” and “Sweet Yeast Dough”, but space prevents this. If you would like these recipes, drop me a note in care of THE FLORIDA CATTLEMAN and I’ll be glad to send them to you.

The Boiled Rice is unusually tasty with a touch of catsup, herbs, and cheese. The yeast dough keeps in the refrigerator for a week. Portions removed for shaping and baking are ready for the table in about an hour.

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John McKay, Billy D’ez, E. G. Morgan or J. B. Hawkins.

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Ernest Hinterkopf, Buyer, Ph. Plaza 8-0573

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or phone these buyers at home
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Max Bauer, JE 1-3656, Miami

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HIALEAH, FLORIDA
Anaplasmosis Studied

A recently devised technique at the Florida Agricultural Experiment Station may result in increased knowledge of the cause and possible cure of the disease. (See story in this issue's dairy section.)

Cattle Slaughter in 1959 will show only a small gain this year, the USDA Agricultural Marketing Service predicts.

Vet Briefs:

**John’s Disease**

**Deadly**

JOHN’S is a chronic disease of cattle which usually results in the death of the animal. It is occasionally found in sheep and goats also. The disease is characterized by thickening of the intestinal walls, resulting in a recurrent smelly diarrhea that may persist for months.

This disease is caused by a bacterial infection, first diagnosed in the United States in 1908, most commonly seen in females shortly after calving.

John’s Disease is rather difficult to diagnose clinically. Malnutrition and parasitism are confusing conditions; however, any well-fed and properly maintained animal showing intermittent diarrhea with loss of weight but no evidence of parasites upon examination of the droppings, would be a suspect. To confirm diagnosis in any such animal it is necessary to obtain positive results from the Johnin test or to find the bacteria in smears obtained from rectal scrapings.

The Johnin test alone will not control the disease but it will show the extent of the disease in the herd and periodic checks will indicate how much progress, if any, is being made toward elimination of the disease.

The disease is almost always introduced into a clean herd by purchase of an infected animal. If the number of animals infected are a small percentage of the herd they should be eliminated and sold for slaughter.

There is no satisfactory treatment for animals affected with John’s Disease. Control of it is based entirely on good hygiene practices of the management and removal of all reactor animals.

Written solely for The Florida Cattlemen by the members of The Florida State Veterinary Medical Association.

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Carbon Dioxide Is Humane Way to Kill Calves—USDA

AN AMENDMENT to the regulations established under the Humane Slaughter Act, passed last year, includes calves among the animals for which the carbon dioxide method of slaughter is designated as humane, the USDA reports. Previously, the carbon dioxide method was designated only for sheep and swine. The addition of calves to the list was recommended to USDA’s Agricultural Research Service by the Humane Slaughter Advisory Committee established under the act.

In addition to the carbon dioxide method, two other methods of slaughter have been designated as humane: the use of captive bolt stunners or gunshots on sheep, swine, goats, calves, cattle, horses and mules, and the use of electric current to stun swine, sheep, calves, and cattle.

Single Corn Planting Proves Profitable

Not only labor and money can be saved by planting corn in a single operation, but yields can be increased nearly 11 bushels an acre, according to a recent report from Michigan State University. The report is based on tests made on 11 Michigan farms with equipment designed to plow, plant, fertilize, and apply pre-emergence spray for weeds in a single operation.

Yields were 10.9 bushels per acre larger than on similar plots tilled the conventional way. The one-over operation was found to save 36 percent on fuel, and 37 percent on horsepower hours, as compared to the minimum tillage methods. The method of plow-planting used in this research would save about $3 to $6 an acre.

Export Totals Told

FROM JULY through December of 1958, the U. S. exported 12,364 head of beef breeding cattle, more than twice as many as during the first half of 1958. Total 1958 exports, however, amounted to 18,453 head, compared with 30,865 in 1957, a decrease of 40 percent. Nearly half of the July-December 1958 exports originated in Texas, 36 percent in Florida, four percent in Arizona, three percent in New Mexico, and two percent in Montana. By breeds, 70 percent were Brahman, 19 percent Herefords, Santa Gertrudis almost five percent, and Angus three percent. Nearly 60 percent of these cattle went to Venezuela, 23 percent to Mexico, and six percent to Canada.

County Agricultural and home demonstration agents from throughout the state gathered in Gainesville August 22-28 for the annual Florida Agricultural Extension Service conference.

QUIZ on Livestock Gates

Check the features you need—Green Gates has all.

- Light weight—do not sag posts (12′-60 lbs.)
- Strong welded 1 1/2 OD Steel tubing and fence wire—1″ diagonal rod brace
- Adjustable hinges—ease in installation
- Rust resisting green finish—guaranteed non toxic to animals
- Extra heavy 2″ hinge hanger bolts
- Prices you can’t duplicate—Highest value for dollar spent
- Quick service—these sizes shipped from stock—others available upon request.

THE PRICES ARE RIGHT

Price List Effective June 1, 1959

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

FOB LEESBURG—Other lengths available

Try one and you will try more.

Silver Lake Estates, Ltd.

This is National Livestock Loss Prevention Year

Your local veterinarian is best posted on the latest scientific developments for prevention and treatment of all animal diseases. Consult him on all your animal health problems.

L. A. Mosher Co.
A report from the Clover and Oat production areas indicates a very limited supply of these fall seeds. (Some varieties are extremely short.) We recommend determining your requirements as soon as possible and placing your order early this year.

The uncertainty of the complete production has delayed the establishment of prices at this time. They should be available by September 1st.

ALFALFA (per hundred lbs.)
- Hairy Peruvian Sept. 1
- White Dutch 98/90 Sept. 1
- Nolin’s Improved Sept. 1
- Mixture—White Dutch & Ladino Sept. 1

CLOVERS (per hundred lbs.)
- Hubam Sept. 1
- White Dutch Sept. 1
- Mixture—White Dutch & Ladino Sept. 1

GRASSES (per hundred lbs.)
- Bahia; Argentine Sept. 1
- Bahia; Common Sept. 1
- Pensacola Sept. 1
- Bermuda (Extra Fancy) hulled Sept. 1
- Bermuda (Extra Fancy) unhulled Sept. 1

OATS (per bushel)
- Seminole Sept. 1
- Sure Grain Sept. 1

RYE (per bushel)
- Cert. Gator Sept. 1

SESBANIA (per 100 lbs.)
- 99% pure, 85% germ. 9.25
- 99% pure, 70% germ. 6.95

(grind per lb for orders less than 100 lbs. by price subject to change without notice—$1.00 per hundred for scarifying)

INOCULANT, 50c per pkg., for use with White Dutch and Hubam Clover.
(Prices f.o.b. Alturas)

**EDITORIALS**

**What Are the Motives of USDA...**

Many of Florida's cattlemen have been persuaded to go on a calving vaccination program for Brucellosis control in recent years—due to the effective arguments of federal, state and private veterinarians. Some of the cowmen have been on this program for a good many years now, and they've made good progress in safe-guarding their herds. In addition, a good many private veterinarians have given up their small animal practices to assist in the program.

Now the federal government has given a week's notice that they will no longer pay the veterinarians for administering the Bang's vaccine! Dr. T. W. Cole announced termination of the payments effective August 7.

While we understand that this is part of a national economy program due to a cut of $5 million in the USDA's appropriation for Bang's eradication, we question the advisability—as well as the fair play—in canceling out that portion of the program which involves payments to veterinarians for vaccination and testing, meanwhile keeping all personnel on the payroll.

If vaccination was as important a step as it was purported to be when the authorities began selling it to cattlemen several years back, there seems to be some grounds for suspicion that the Disease Eradication Branch (which administers the $15 million which was appropriated for Bang's eradication) is more interested in maintaining a big federal agency, with lots of employees, than they are in eradication of a serious disease!

**Vaccination vs. Test and Slaughter**

USDA now argues, of course, that vaccination won't eradicate—but that test and slaughter will. Therefore, personnel to push test and slaughter are more important today than money to encourage vaccination. But will this argument stand up? Look at these comparisons:

<table>
<thead>
<tr>
<th>State</th>
<th>Type of Cattle</th>
<th>Cattle Infected*</th>
<th>Herds Infected*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wyoming</td>
<td>All Unvaccinated Cattle Tested</td>
<td>1.54%</td>
<td>12.00%</td>
</tr>
<tr>
<td>Wyoming</td>
<td>All Vaccinated Cattle Tested</td>
<td>0.16%</td>
<td>2.55%</td>
</tr>
<tr>
<td>N. C.</td>
<td>All Cattle Tested</td>
<td>0.25%</td>
<td>Not Available</td>
</tr>
<tr>
<td>Florida</td>
<td>All Cattle Tested</td>
<td>0.35%</td>
<td>2.55%</td>
</tr>
</tbody>
</table>

*Figures for Wyoming furnished by Dr. Howard Bren, Wyoming Livestock Sanitary Board, for 1958. Figures for North Carolina from the USDA, for year ending June 30, 1958. Figures for Florida from the Florida Livestock Board on all cattle tested in the 24 "certified Brucellosis-free" counties.

First of all, these figures illustrate what the range cattlemen have been saying all the time: that widespread vaccination will save an awful lot of test and slaughter problems later, as witness the fact that nearly 10 times as many unvaccinated cattle in Wyoming reacted as vaccinated, and nearly five times as many unvaccinated herds had infected cattle.

Second, they illustrate that Florida's Bang's problem, without a widespread vaccination program, apparently is nothing like as serious as even that in Wyoming.

Third, they illustrate that North Carolina (which has been on a test and slaughter program since 1942, and, we believe, has been "modified Brucellosis-free" since that year) still has only a slightly lower infection rate than Florida had on first test in the 24 counties!

**Food for USDA Thought...**

The following things seem to be self-evident:
1) The disease can't be controlled without the help and cooperation of cattle owners.
2) Cattle can receive effective protection through a vaccine.
3) Cattlemen are willing to cooperate on a vaccination program, but not on a test and slaughter program which would be mechanically impossible because of the prohibitive expense of building the necessary pens, cross-fences, and the like. The problem just isn't that serious here.
4) A more effective Brucellosis program could be had by pushing widespread (even compulsory) vaccination, and at a fraction of the present cost.
CAREFULLY MEASURE YOUR FEEDING PROBLEMS

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Between A Nominal Profit And A Really High Profit

actual feeding records of money-making cattlemen prove that P.D.Q. Self-Rationing Supplements save—TIME, LABOR and EXPENSE. P.D.Q. Supplements have improved the
  Health of animals
  Increased calf crops
  Prolonged productive cow-life
  Reduced the culls in herds and aided in the more efficient use of pastures. Plan your particular feeding program to include P.D.Q. Remember, there is a SPECIFIC SUPPLEMENT for each Florida weather, pasture, and season condition. A specific supplement for poor, fair, and good pastures. Feeding P.D.Q. Doesn't Cost—IT PAYS.

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Superior Fertilizer & Chemical Company has kept abreast of the clover development on Florida soils, and now that new strains of clover and new techniques in growing clover have been developed, Superior's Pasture Representatives are able to help you plan and produce the finest clover pastures.

Why don't you investigate? Plan a SUPERIOR Clover Pasture—call your Superior Pasture Representative today!

**Fertilize your grass pastures now for peak growth before cold weather comes.**

**PASTURE TIPS:**
1. Plan immediately to fertilize your closely grazed grass pastures for peak fall and winter grazing.
2. Beware of ARMY WORMS—next 60 days is critical time, especially on newly fertilized grass.
3. Get soil pH's up to 6.5 to 7.5 for winter clovers.
4. Order your clover seed now—either S-1 or Nolins strain.
5. Graze closely those grass pastures to be overseeded to clover this fall.
6. Call Superior's Pasture Representative today. You will be glad you did.

**CITRUS CORNER:**
*Fall fertilization is due shortly—check the pH value now and get ready for SUPERIOR FERTILIZER. Keep a sharp lookout for Rust Mites; remember, citrus pests never take vacations!* Phone Superior today to have one of the Citrus Representatives call.

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