In this issue:

- Economy on Bull Selection Doesn't Pay!
- FCA Convenes At Cocoa
- Interest in Silage Has Increased
- July Fourth Rodeos Slated
- Good Bulls Are Key to Improvement

A BLUEPRINT OF PROGRESS
It's the **X-CEL VIT-L-TONE**

in self-rationing E-Z-9 that makes it the best low protein mineral supplement!

Yes...there's a difference between X-Cel E-Z-9 and ordinary self-rationing protein mineral supplements for summer range. That difference—a big one—is Vit-L-Tone.

Vit-L-Tone fortification plus 9% protein content in E-Z-9 assures an adequate vitamin-mineral intake, more efficient utilization of pasture, and resultant increase in production of milk for nursing calves.

Only X-Cel E-Z Supplements have Vit-L-Tone fortification. They are the ideal time-saving, work-saving protein mineral supplements. Available in 50-lb. bags for easy handling.

---

FOR COMPLETE DETAILS
on how E-Z Supplements can fit into your operation, see your X-Cel Dealer or write direct to Jackson Grain Company, Tampa.

---

E-Z-21 (21% protein), also highly fortified with Vit-L-Tone, is formulated to provide protein and mineral supplementation needed by cattle on poor pasture.

---

**X-CEL FERTILIZERS AND PESTICIDES MEET EVERY FARM NEED**

**X-CEL**

**JACKSON GRAIN CO.**

- FEEDS
- SEEDS
- FERTILIZERS
- INSECTICIDES

**TENNESSEE BASIC SLAG • VIKING SHIP BRAND CALCIUM NITRATE**

**SINCE 1909**

**TAMPA, FLORIDA**
THE CONVENTION was an outstanding one, with good attendance and fine local arrangements by the Brevard association. A great deal of business was conducted in the short time allotted. Convention is covered in greater detail on page 24 but one incidental item deserves mention here: FCA will select its hosts for both of its conventions this fall, probably at the November convention. If your group is interested in "hosting" your fellow cattlemen next year, either for the Mid-Year convention in June or the Annual Convention in November, 1959, get your "ducks in a row" and mail that invitation to Assistant Secretary Elmo Griffin.

BACKING FOR THE "CHECK-OFF" BILL, allowing deductions of 10 cents per head at markets under federal inspection, was expressed by President Pearce in a letter to Senator Holland recently. The bill has had FCA's backing for several years, as it will allow nationally what is already being done in much of Florida—an automatic deduction with the producer having the option of asking for a refund.

THE BILL IS IMPORTANT to us here in Florida as no successful national beef promotion program can be carried out without the contributions of the cornbelt states, where many, many cattle are sold through federally inspected yards.

AT PRESSTIME the bill, which was co-introduced by Florida Congressman D. R. "Billy" Matthews of the Eighth District (Gainesville), had House Agriculture Committee approval, and seemed likely to get Senate committee okay. Big job remaining will be to get the bill on the calendar before Congress adjourns for elections this Fall.

PRESIDENT PEARCE attended the Hendry County Cattlemen's Association tour, reported elsewhere in this issue, and presented checks for FCA awards to a dozen or so FFA members at the state convention of that youth group in Daytona Beach in early June. Secretary Gunn attended the Seminole association meeting in Oviedo early in June.

MARKETING COMMITTEE is studying several possibilities for moving Florida cattle and Florida beef to Caribbean countries, it's been reported.

COUNTY PROJECTS—Polk County is working hard on membership and on fluorosis, (see article elsewhere in this issue). Marion County is already making plans for its Graded Bull Sale, scheduled at Ocala January 20. The Southwest Florida Cattlemen's Association Council (comprising Lee, Hendry, Glades, Collier and Charlotte) held its annual stocker-feeder sale at Arcadia June 27th. Leon County has an annual feeder calf sale.

OUTSTANDING PROJECTS, ALL! Yes, all these projects are outstanding ones, calling for work and follow-through. Is your association doing all it can to keep an active program for your members? Backing state association activities is fine, but don't miss the boat on local needs, either!

FLORIDA BEEF COUNCIL received more than 5000 recipes through its Florida Beef Recipe Contest, with "Steak Floridian" winning the state-wide competition... A NEW FOLDER, "Keep Slim with Beef" has been printed and is being tested in Tampa... FOR FATHER'S DAY, the National CowBelles selected an Oklahoma father of four as "Father of the Year", from thousands of nominations made by youth groups... GOVERNOR COLLINS again ate beef on Father's Day. The dish? "Beef Floridian", of course!
The Florida Cattlemen
and Livestock Journal

July, 1958

Robert S. Cody
Editor

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The Cover for July, 1958

This month's cover, a Blue Print of Progress, depicts the great strides made by Florida cattlemen in improved breeding through the use of better bulls. More and better beef serves as the guidepost for profit in today's beef industry.

O F F I C I A L  P U B L I C A T I O N

Service Issues of The Florida Cattlemman for 1958-59

The Florida Cattlemen's Association, J. O. Pearce, Jr., President, Okeechobee; Florida Swine Producers Association, A. E. brunner, President, Live Oak; Florida Milk Producers Association, Jim Acree, President, Jacksonville; Eastern Brahman Association, E. E. O'Reilly, President, New Smyrna Beach; Eastern States Brangus Association, J. Arden May, President, Plant City; Florida Hereford Association, F. E. Cockerill, President, McIntosh; Florida Aberdeen-Angus Association, Walter R. Williams, President, Lakeland; Florida Quarter Horse Association, Drew Massee, President, Polk City; Florida Saint Gertrudis Association, Charles Dempsey, President, Sarasota; Shorthorn Breeders' Association, C. R. "Jack" Hooker, President, Plant City; Florida Meat Packers Association, Ralph Gee, President, Orlando; Eastern Charolais & Charbray Association, T. M. Britt, President, Winter Garden; Florida Beef Council, Ledger, Secretary, President, Lakeland.

Here's Our Orbit!

But it's not up in the air! The program at Callaway Hereford Farm has been well-founded and well-grounded. A selection of females rich in the ancestry of Herefords... mated to sires carefully screened for their beef making characteristics.

Results of such a program are now appearing. In our calves we see the type of cattle that will improve the breed in the Southland... Herefords that carry substance and size... Beef Cattle that will grow out profitably and tip the scale heavy!

Our "orbit" is the lush, productive grasslands at Callaway Farms where commercial and purebred Herefords are raised in a practical manner... But we're shooting for the moon as far as results are concerned and the following sires are helping us get the job done!

Callaway Hereford Farm
"Herefords of Distinction"

Cason J. Callaway, Owner

Jesse Mitchell, Manager

Hamilton, Georgia
THINK NOW

ABOUT MEETING YOUR FEED NEEDS NEXT WINTER WITH HOME-GROWN SILAGE AND HAY

LUNDELL HEAVY-DUTY OFFSET CHOPPER

was made especially for Florida forage conditions—and comes optionally equipped with corn head or hay conditioning attachment.

GRAVES DISTRIBUTING COMPANY

R. Lee Graves, Owner, Box 708, Ph. TI 7-2123

KISSIMMEE, FLORIDA

SPECIALIZING IN FRESH GREEN FEEDING AND SILAGE. Meet our "family" of specialized machinery: THE COOLEE wagon, THE ENSILOADER, LUNDELL OFFSET CHOPPERS.

Editor's Desk

That Silver Spurs Rodeo Parade is on July 4th!

Kissimmee

THANKS for your advance story on the annual July rodeo of the Silver Spurs—and on the Florida Quarter Horse Jamboree which will be held in connection with it.

As you know, we are putting some heavy gates in our rodeo arena, so it can be opened for horse races. For the first time in recent Florida history, therefore, it will be possible for spectators to sit in our covered grandstand and watch the Quarter Horse races.

There was one small error in the June issue which we would like to have corrected. The parade is scheduled for 11 a.m. on Friday, July 4—not Saturday, July 5, as was stated in the June CATTLEMAN.

F. S. "Beany" Ledbetter, Publicity Silver Spurs Riding Club

Does Winter Last 5 or 6 Month?

Illinois Letter Protests!

Scott Air Force Base, Illinois

I REFER to your magazine, June issue, page 18 (story on the Herdsmen's Short Course). I respect Mr. Crochet for a good prediction; however, I don't think he should mislead a person about the great state by saying, "use of hybrids, supplemental feeding during the critical five or six months of winter." I have read THE CATTLEMAN for six or more years and think it is zenith to all other livestock magazines.

S. S. McDonald.

"The quote in full: "Use of hybrids, supplemental feeding during the critical five or six months of winter, careful management, two-way water control—all were factors (in a prediction that 400 pounds

Latest Statistics

Meat Use (by Types) One Week in Spring 1955 (from USDA) . . .

<table>
<thead>
<tr>
<th>Type of Meat</th>
<th>Lbs per %</th>
<th>All $ per</th>
<th>Person</th>
<th>Meat</th>
<th>Person</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pork Loin, Chops</td>
<td>0.17</td>
<td>.56</td>
<td>.13</td>
<td>.27</td>
<td>.89</td>
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<tr>
<td>Ham</td>
<td>0.22</td>
<td>.73</td>
<td>.18</td>
<td>.30</td>
<td>9.9</td>
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<tr>
<td>Bacon</td>
<td>0.35</td>
<td>11.6</td>
<td>.21</td>
<td>.25</td>
<td>8.3</td>
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<tr>
<td>Salt Pork</td>
<td>0.11</td>
<td>3.7</td>
<td>.05</td>
<td>.05</td>
<td>1.7</td>
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<tr>
<td>Sausage</td>
<td>0.01</td>
<td>3.0</td>
<td>.02</td>
<td>.09</td>
<td>3.0</td>
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<tr>
<td>Other Pork</td>
<td>0.38</td>
<td>12.6</td>
<td>.17</td>
<td>.16</td>
<td>5.3</td>
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<tr>
<td>Canned Pork</td>
<td>0.01</td>
<td>3.0</td>
<td>.01</td>
<td>.02</td>
<td>.7</td>
</tr>
<tr>
<td>Total Pork</td>
<td>1.25</td>
<td>41.4</td>
<td>.77</td>
<td>.14</td>
<td>37.8</td>
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<tr>
<td>Frankfurters</td>
<td>0.08</td>
<td>2.6</td>
<td>.05</td>
<td>.14</td>
<td>4.6</td>
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<tr>
<td>Lunch Meats</td>
<td>0.09</td>
<td>3.0</td>
<td>.06</td>
<td>.20</td>
<td>6.6</td>
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<tr>
<td>Canned Lunch</td>
<td>0.01</td>
<td>3.3</td>
<td>.05</td>
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<tr>
<td>Total Meat</td>
<td>3.02</td>
<td>100.0</td>
<td>1.81</td>
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Slaughter Under State Inspection (FLB) . . .

<table>
<thead>
<tr>
<th></th>
<th>Cattle</th>
<th>Calves</th>
<th>Swine</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 1958</td>
<td>16,653</td>
<td>3237</td>
<td>27,784</td>
</tr>
<tr>
<td>May 1957</td>
<td>23,294</td>
<td>2149</td>
<td>32,231</td>
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All Commercial Slaughter, Head (USDA) . . .

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<tr>
<th></th>
<th>Cattle</th>
<th>Calves</th>
<th>Hogs</th>
<th>Sheep</th>
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</thead>
<tbody>
<tr>
<td>April 1958 (Florida)</td>
<td>27,000</td>
<td>9,500</td>
<td>48,000</td>
<td>200</td>
</tr>
<tr>
<td>April 1957 (Florida)</td>
<td>35,000</td>
<td>12,300</td>
<td>44,000</td>
<td>200</td>
</tr>
<tr>
<td>April 1958 (U. S.)</td>
<td>1,878,900</td>
<td>800,200</td>
<td>5,920,300</td>
<td>1,298,200</td>
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<tr>
<td>April 1957 (U. S.)</td>
<td>2,032,200</td>
<td>989,900</td>
<td>5,977,300</td>
<td>1,312,000</td>
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Livestock Prices Per Hundred (USDA) . . .

<table>
<thead>
<tr>
<th></th>
<th>Cattle</th>
<th>Calves</th>
<th>Swine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Florida, May 15, 1958</td>
<td>$ 19.90</td>
<td>$ 24.00</td>
<td>$ 19.80</td>
</tr>
<tr>
<td>Florida, April 15, 1958</td>
<td>18.40</td>
<td>21.50</td>
<td>18.50</td>
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<tr>
<td>Florida, May 15, 1957</td>
<td>12.90</td>
<td>16.50</td>
<td>16.00</td>
</tr>
<tr>
<td>U. S., May 15, 1958</td>
<td>23.10</td>
<td>25.70</td>
<td>21.70</td>
</tr>
</tbody>
</table>

Average Live Weight, All Commercial Slaughter (USDA) . . .

<table>
<thead>
<tr>
<th></th>
<th>Cattle</th>
<th>Calves</th>
<th>Swine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Florida, April 1958</td>
<td>824</td>
<td>269</td>
<td>210</td>
</tr>
<tr>
<td>Florida, April 1957</td>
<td>750</td>
<td>285</td>
<td>211</td>
</tr>
<tr>
<td>U. S., April 1958</td>
<td>978</td>
<td>203</td>
<td>236</td>
</tr>
<tr>
<td>U. S., April 1957</td>
<td>960</td>
<td>204</td>
<td>235</td>
</tr>
</tbody>
</table>

The Florida Cattleman
We Salute "Better Bulls of Florida"

Throughout the 61 years we have been serving the ranchers of Florida, we have watched the development of the cattle industry—from the scrawny "piney woods" cow to the present beefy animals, both purebred and commercial, which has made Florida one of the nation's leading livestock producing states. "BETTER BULLS" is a major key to our present and future success as a livestock state.

BARBED WIRE

IMPORTED—AMERICAN

WE DELIVER ANYWHERE IN FLORIDA

FARM FENCING

IMPORTED—AMERICAN

Also In Stock
WELDED WIRE
LAWN FENCING
POULTRY NETTING
FARM GATES
RABBIT FENCING
ROOFING • NAILS

Just Received, a shipment of 5 Panel Alcoa Aluminum Farm Gates

STALNAKER BROTHERS
TAMPA

33rd Street & Broadway
P. O. Box 172

Phone 4-2728
After 6, 49-3594
Cool Cattle Keep Their Weight!

Now! Get Greater Feed Conversion with LUMITE SARAN SHADE CLOTH!

Lumite permits air circulation—gives lots of cool, healthful shade—keeps cattle weight up. Low cost, durable Lumite Saran is the easiest shade material to erect for a permanent or temporary installation...ideal for stockyard use where weight is so important. Lumite Saran has solved many shading problems—can solve your cattle shading problem too!

For FREE samples fill in and mail

LUMITE DIVISION, Box 23-A
Chicopee Manufacturing Corporation
Cornelia, Georgia

Gentlemen:
I am interested in examining Lumite Saran Shade Cloth. Please send me a FREE sample and further information.

Name
Company
Address

For Better Screwworm Control
A Matter of Choice

BARRY’S DERMA SEAL
Guaranteed to Satisfy or Your Money Back!

OR

BARRY’S WITH LINDANE
At All Dealers, or Write
BARRY’S DRAWER E
Newberry, Fla.

Any burger worth its salt is worth

DELICIOUS LOOKING...is this hamburger which will appear on 8000 full color billboards and “over-the-wire” hangers in stores over the nation during June, July and August.

of calf per acre-year could be raised in the Glades) mentioned by Crochet. We assume Mr. McDonald takes exception to the non-Chamber of Commerce statement about five or six months of winter! Our apologies—but last winter seemed like we had 12 months!

“Bison” Is in South Dakota,
The June FC Notwithstanding

Bison, South Dakota

We didn’t notice until today that you put Bison, North Dakota, and it should have read Bison, South Dakota (on our classified ad in your June issue). Got a letter from Florida today, and he said he tried a letter in South Dakota after the other was returned...

Roy R. Brown
Service Real Estate

The ad is reproduced correctly in this issue.

Virginians Form Riding Club,
Read The Cattleman

Salem, Virginia

Pleased renew my CATTLEMAN. I enjoy it very much. We formed a riding club here last November...have 50 members. I really enjoy your articles on rodeos and Quarter Horses.

W. H. Barnett, Jr.

UF Student Wants His Subscription Changed

Gainesville

This year of school having ended, it will be necessary for me to receive THE CATTLEMAN at my home address (in) Bradenton. I have enjoyed the magazine, and it has helped me in certain of my studies. Please continue sending it during the summer months.

Allan H. Horton

Oswald Corrects Business Letter on Cattle Statement

Ocala

...Comments (in the May 22 issue of Florida Business Letter, published by First Research Corporation at Miami) contain some very misleading information which should be corrected...Evidently the person who wrote this article...
Sugihara Ranch cattle are Purina-fed

At the C-circle-X, the Sugihara Ranch, owned by Peter W. Fulton, Bradenton, Florida, the registered Angus herd, the show string, the commercial cow herd and their calves have all been fed Purina supplements for more than 4 years.

At Sugihara Ranch, which includes nearly 600 acres of improved pasture, Pete Fulton runs a registered Angus herd of some 70 cows and a Brahman-native cross herd of 150 cows. Fulton also fattens some steers and fits a show string of his registered Angus. All calves at Sugihara are creep fed.

Last year Pardolier 103rd, a senior yearling bull from Sugihara Ranch, won the grand champion award at Sarasota and reserve champion at Ocala. He was also first in his class at Tampa in 1956 and again in 1957. Another Fulton bull, Perdido Bardolier 35th, won grand champion honors at a county fair, the reserve grand champion ribbon at Manatee Fair and was first in his class at Sarasota. At Sarasota he defeated the bull that beat him out at Manatee.

Mr. Fulton is one of many hundreds of practical cattlemen who have found that Purina Cattle Chows pay off in wintering cows, creep feeding calves, fattening steers, fitting cattle for show and sale.

No matter what quality of cattle you feed, no matter whether you have good or poor roughage, you'll find Purinahas a "justright" feeding program to fit your own operation. Purina Cattle Chows are backed by years of painstaking research. There's a proved Purina cattle feeding program to fit your needs. So drop in at your Purina Dealer's at the Store with the Checkerboard Sign — and ask him to tell you more about Purina Cattle Chows.
take out profit

Cuts weight losses in transport of feeder cattle

Relieves shipping fatigue and lowered resistance to infection. Tranquilization aids in reducing incidence and severity of infectious diseases caused by exposure and environmental stress when used as supportive therapy with antibiotics.

Eases adaptation to new environment and management practices
insurance on your herd

Trilafon

the new injectible tranquilizer

pays dividends in extra pounds—and $$$.
This low-dosage, low-cost investment guards livestock against weight loss due to transport, handling and environmental stress.

One injection before shipment helps prevent shipping fever and holds shrink to a minimum.

Trilafon also helps livestock adapt to changed management practices—weaning, castration, vaccination, etc. Animals are easier to handle, adjust to feedlot conditions more rapidly, go on full feed faster.

Consult your veterinarian—you’ll find it pays

Trilafon Injection, Veterinary is sold only through graduate veterinarians.

Trilafon®, brand of perphenazine.

SCHERING CORPORATION • BLOOMFIELD, NEW JERSEY
was not well informed on the Florida cattle industry as it appears today. A good example of information which is not true is contained in these two sentences: "English breeds have been introduced but do not prosper under Florida conditions. Brahman cattle thrive but do not produce higher grades readily." If (the) writer would take the time to look at the industry, he would find that both of these sentences are definitely untrue. We have some wonderful herds of cattle made up of English breeds, and they are doing remarkably well. In fact, the highest priced Pollled Hereford heifer ever sold in the history of the breed was bred and raised in Florida. In regard to Brahman cattle, I think a check with any slaughter house will show that to produce Choice calves of crossbred Brahman cattle is quite easily accomplished.

Douglas H. Oswald, Vice President
Commercial Bank & Trust Company

"Misinformation about the Florida cattle industry can get very widespread very rapidly. We appreciate Mr. Oswald's alertness in setting the First Research Corporation straight on two important points in connection with the industry.

Jackson is Named Vice Chairman
Of National Feed Manufacturers

R. D. Jackson of Tampa, president of the Jackson Grain Company, was elected vice chairman of the board of the American Feed Manufacturers Association during the recent meeting of that group held in Chicago.

Jackson has served as a member of the board for the past five years. Membership in the association includes feed manufacturers throughout the United States and in a few foreign countries.

It was also reported that Frank L. Coune, Jackson Grain director of research and nutrition, was elevated to the executive committee of the national group's nutrition council. Coune has been chairman of the council's management survey committee.

"ABC's of Farm Problems? Attacks Surplus Efforts"

A cartoon booklet explaining how government controls lose markets for farmers is available for the asking from Channing L. Bete Company, Inc., Greenfield, Massachusetts. The booklet praises "uncontrolled beef" for working off its surplus by increasing consumption from 62 to 85 pounds per person."

Florida Bar Journal Carries Article
On Farm Taxes, Social Security

An article by John C. O'Byrne, professor of law and director of the Agricultural Law Center, State University of Iowa, appears in the May 1958 issue of the Florida Bar Journal.

Included with the article is a photo showing Brahman cattle noting that all cattle in Florida were valued in 1957 at $152,786,000.

New Soil Consulting Service
Opens in Winter Park

Brookside Research Laboratories of New Knoxville, Ohio, has opened a branch soil consultant service under the supervision of Dr. J. A. Flowers of Winter Park, who is available to work with Florida cattle producers, and other farmers.

The Brookside laboratories manufactures a mineral supplement known as Magnatone.

Silage Preservative Booklet
Published by Virginia Smelting

A folder describing the use of sodium metabisulfite preservative on silage has been published by Virginia Smelting Company, West Norfolk, Virginia, and it is available free of charge.

Double Farm Size by Irrigation
Is Topic of Worthington Booklet

A 16-page booklet titled "Double the Size of Your Farm" tells how irrigation can double yields. Copies are available from Worthington Corporation, Harrison, New Jersey.

New Chemical Plus Antibiotic
Now Marketed for Calf Scours

Calf scours which resist treatment by conventional antibiotics can be effectively controlled with a new compound called Sterocide which contains Sterosan, a Swiss chemical, and Neomycin, an antibiotic which kills a wide range of bacteria without building resistance. Combined with Xylocaine, a local anes-
MoorMan's Fat Cattle Mintrate*, MoorMaBoost* and Mintrate Blocks helped us win this Grand Champion Car Lot at the Southwest Georgia Fat Cattle Show April 18 in Albany, Ga.

T. B. McDowell, Dougherty Co., Georgia says:

"These cattle stayed on feed better than any other we have fed, and made a faster and more constant gain. They all graded prime and carcass dressed weight was 64.85%. They averaged 1155 lbs. per head on foot."

"We self-fed MoorMan's Mintrate Blocks on grass before going on full feed. Consumption of Blocks was about 1 lb. per head daily on grass."

"During full feeding period they were fed 1 lb. MoorMan's Fat Cattle Mintrate daily along with 11 to 2 lbs. of oil meal. These cattle were put on full feed Sept. 1, 1957. They gained 3¼ lbs. per head per day for the first 90 days on full feed."

"We keep up to 1500 head of cattle on MoorMan's Mintrate Blocks and find they help cattle to stay in better condition and make more economical gains on grass and forage."

"We highly recommend the MoorMan Products we have fed. MoorMan's Mintrates are packed with growth-power. Just the right combination of proteins, urea, base and trace minerals and vitamins to help beef cattle convert forage and grain into extra growth and gain—fast. Any of the MoorMan Men listed below will help you choose the best combination to fit your feeding conditions. Moorman Mfg. Co., Quincy, Ill., Dept. X87.

Since 1885—73 Years of Friendly Service

Minntrates

If you're interested in an opportunity to serve Florida and Georgia livestock and poultry raisers profitably with protein-mineral-vitamin concentrates, minerals and parasite control products, contact James T. Glass, Sales Manager, 1584 NW 21st Ave., Gainesville, Florida, Phone FR 2-4753.
Tested in Florida:

**New Anti-Screwworm Spray Material Available**

... from Flag Sulphur and Chemical Co.

**READ what 'The Cattleman' Reported on This New Product Last August!**

A new chemical spray material which kills screwworms after they hatch in the wound, thus preventing serious infestation, has been tested in Florida with "good results" on the herds owned by Ben Hill Griffin, Jr., of Frostproof, and RBK Farms of Fort Myers.

Dr. R. C. Bushland of the Agricultural Research Service's screwworm project in Orlando... (said)... the chemical material is made by the German Bayer concern, and is available in commercial quantities in this country. An organic phosphoric compound which is a chemical cousin to the malathion being used for Medfly eradication, 21/199 has been tested for two years by USDA in Texas for both grub control and screwworm control. The RBK and Griffin work was the first done in Florida, and this spraying is being followed up now by use of a smear containing the substance.

As a spray, the 21/199 works this way:

The chemical is a "systemic," going into the blood stream, and this way it attacks and kills grubs. It also is apparently absorbed in minute quantities into the hair of livestock which are sprayed, and remains there for two or more weeks.

It is this small quantity in the hair surrounding an infested wound which has been sufficient in practically all cases to kill the screwworm larvae when they hatch, Bushland said.

In Griffin's case, a group of calves were castrated and sprayed with 21/199, while another group was treated with the standard smear, EQ 335. Each group had approximately 100 wounds. One week after the work was done, none of the 21/199 group were infested, but seven wounds in the EQ 335 group were.

According to Bushland, USDA tests indicate no danger to humans eating meat from treated cattle, however the chemical has not yet been approved by the Food and Drug Administration, and will not be commercially available in the United States for screwworm control until it is.

**CO-RAL (Bayer 21/199) is now fully approved and available in any quantity from**

Flag SULPHUR AND CHEMICAL COMPANY
P. O. Box 5737, Phone 4-2177, TAMPA, FLORIDA

**HAY CONDITIONER... is represented in this new Owatonna self-propelled windrower which cuts, windrows and conditions hay in one trip. Cuts from 10 to 16 feet are available. One-trip operation is said to boost nutritional value 20 percent.**

thetin, mineral salts and kaolin.

The product is marketed by Jensen-Salsbery Laboratories of Kansas City.

**Livestock Auction Market Study Published by USDA**

MORE THAN 51 million head of livestock were sold at 2322 livestock markets in 1955, it's reported in "Livestock Auction Markets in the United States," a 38-page USDA Report No. 223.

**Liquid Feed Supplement Morea Tested at Kansas State College**

ANIMAL FEED on liquid supplement containing ethanol, urea and phosphoric acid, blended with molasses, at Kansas State College gained an average 37 pounds per day more than animals that received a conventional oil-meal ration—and in addition came to market at a lower production cost and had less shrink—reports U. S. Industrial Chemicals Company of New York.

The supplement was supplied by Feed Service Corporation, Crete, Nebraska.

**Animal Insurance Company Sells Insurance on All Horses and Cattle**

ANIMAL INSURANCE Company of America, under a new program, will insure all horses, including flat racers, trotters, pacers, and polo ponies, and farm livestock, as well as pedigreed dogs, hunting hounds and cats with a genealogy.

According to the company, which is located in New York, its schedule sets annual life insurance premiums of from 4-1/2 percent for yearlings at auction sales to eight percent for farm mares and registered draft stallions. Special short-term coverage is applied to animals displayed at shows and exhibits.

**Tranquilizer Approved for Use By Food and Drug Administration**

THIALFON, a product of the Schering Corporation, New York, has been approved by the Food and Drug Administration for four new uses: 1) reducing shrink-
ANNOUNCING

The Dramatic Discovery That Kills Screw-Worms Simply By Spraying!

A new and remarkably effective insecticide for the control of screw-worms and other cattle insects has been registered by the U. S. Department of Agriculture for use on beef cattle, horses, sheep, goats and swine. It is called "Co-RAL," and is available for immediate use by the livestock industry.

Under intensive field testing for the past four years as "Bayer 21/199," Co-RAL has demonstrated exceptional ability to control screw-worms, cattle grubs, hornflies, lice and ticks.

Co-RAL is of particular interest to livestock men seeking a more effective and practical way to control screw-worms because:

1. Co-RAL is applied as a spray. It is a fast and easy method of screw-worm treatment, requiring minimum handling and labor.

2. Co-RAL protects sprayed animals from infestation for 10 to 20 days—long enough for most injuries to heal completely.

3. When used for screw-worm control, Co-RAL also automatically provides effective and extended control of cattle grubs, hornflies, lice and ticks.

4. Co-RAL kills cattle grubs inside the animal—but before they are able to damage meat or hide.

Now available through Dealers in Agricultural Chemicals!

*Trademark. Researched as "Bayer 21/199."

A Product of Chemagro

"Chemicals for Agriculture—Exclusively!"
CO-RAL (Bayer 21/199)  
Stops Screwworm Losses!  
Tested in Florida!

In August, 1957, The Florida Cattleman reported:

A new chemical spray material which kills screwworms after they hatch in the wound, thus preventing serious infestation, has been tested with "good results" in the herds owned by Ben Hill Griffin, Jr., of frostproof, and RBK Farms of Fort Myers.

The chemical spray material is made by the German Bayer concern, and is available in commercial quantities in this country. An organic phosphate compound which is a chemical cousin to the malathion being used for Medfly eradication, 21/199 has been tested for two years by USDA in Texas for both grub and screwworm control. The RBK and Griffin work was the first done in Florida and this spraying is being followed up now by the use of a smear containing the same substance

In Griffin's case, a group of calves were castrated and sprayed with 21/199, while another group was treated with the standard smear, EQ 335. Each group had approximately 100 wounds. One week after the work was done, none of the 21/199 group were infected, but seven wounds in the EQ 335 group were.

CO-RAL (21/199) is now Available in Florida

Distributors

HECTOR FEED MILLS
Phone Boca Raton 4199 or 4187
DEERFIELD BEACH

HECTOR SUPPLY COMPANY STORES
IMMOKALEE
HOMESTEAD
BELLE GLADE

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 1/4" OD Steel tubing and fence wire—1/4" diagonal rod brace
☐ Adjustable hinges—ease in installation
☐ Rust resisting green finish—guaranteed non toxic to animals
☐ Extra Heavy 3/4" 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

<table>
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<tr>
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<td>4' x 3'</td>
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<tr>
<td>16'</td>
<td>4' x 3'</td>
<td>80 lbs</td>
<td>17.50</td>
</tr>
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</table>

FOB Leesburg—Other lengths available

You Gain by Direct Sales

We sell direct, passing the dealer's percentage on to you, the user. Simply select the size gates you require and send remittance. There is a discount of 15% off these prices on orders for 10 or more gates at a time.

Silver Lake Estates, Ltd.

HAY STORAGE ... for 200 tons of hay, plus machinery, is being provided in this new barn being built by Harley Watson at his ranch near Arcadia. Shown inspecting construction are Ed Watson and Marsden Wallis.

Got Twin Dairy Cows?  
American Cyanamid Experimenting

DAIRYMEN in the northeastern United States are urged to contact Frank Cooper of American Cyanamid Company's Farm and Home Division at 30 Rockefeller Plaza, New York 20, New York, if they have twin heifer calves.

American Cyanamid is attempting to establish a herd of identical twin dairy cows for experimental purposes, using the herd in nutritional and lactation trials, but would prefer to purchase the twins as calves in order to establish a known history on the mature herd.

New Baler Twine Being Imported From Dominican Republic

AN EXTREMELY strong sisalana baler twine from the Dominican Republic is being imported in standard 235-foot lengths by a Seattle, Washington, concern—Van Waters and Rogers, Inc—which will distribute it as Big Horn Brand twine.

Tests made on samples show a tensile strength 25 percent above the normal 325-pound average of the best sisalana twine previously available from East Africa.

New Booklets Available On Several Subjects

A 36-PAGE manual on protective coatings is now available from Rust-Oleum Corporation, 3799 Oakton Street, Evanston, Illinois. The booklet features actual color chips of 102 different coating items, including complete sections devoted to...
CATTLE GRUBS . . . are the larval stage of the heel fly. This pest lays its eggs on the underside of livestock. When the eggs hatch the larvae burrow into the body and migrate to the back. A new product, Trolene, developed by Dow Chemical Company, is reported to give 90 percent control of grub infestations under field conditions.

methods of surface preparation, use of primers and finish coatings, and the availability of special custom coatings where required. Order as Form No. 257.

New Almanac is Offered By B. F. Goodrich

NEW ALMANAC can be obtained by writing B. F. Goodrich Tire Company, Akron, Ohio. The 32-page publication can be obtained from Goodrich farm tire dealers throughout the country, as well. Included is miscellaneous information, including how to weight tractor tires with liquid to get full power out of tractors!

Vitamin B-12 Importance Is Told in Merck Booklet

IMPORTANCE of vitamin B12 in animal nutrition is comprehensively outlined in a new 120-page hard cover book just released by Merck and Company. It is written primarily for those with a technical background, including veterinarians, nutritionists, county agents and extension personnel, and can be obtained by writing Merck & Company, Inc., Rahway, New Jersey.

Hereford Association Has New Youth Booklet

A NEW 4-H and FFA booklet titled "The Future Cattleman" has just been published by the American Hereford Association, and is available free of charge to anyone interested. The new book will also be of value to adults who are starting with purebred or commercial Hereford herds, the association reports. It can be obtained by writing American Hereford Association, Kansas City, Missouri.
First Pasture Conference Held in 1938...

Nearly 200 cattlemen, dairymen, and farmers attended the first annual All-Florida Pastures Conference at the University of Florida June 24... An article in The Florida Cattleman tells of the new limitations put on cattle reacting to T.B. and bangs by the Federal Government... At a meeting of the State Fair Committee, breeders asked that premium money be spent on Florida herds rather than being used to import out-of-state herds.

Cattlemen Gather at Ona in July 1943...

Interest ran high as more than 200 cattlemen gathered at Ona Range Cattle Station for the first annual field day, reports The Cattleman... P. E. Williams of Davenport, president of the Florida State Cattlemen’s Association, left early in July for Chicago where he attended a meeting of the National War Meat Board... Dr. and Mrs. D. W. Griffin, Shorthorn breeders near Chipley, were hosts at the annual meeting of the Washington County Cattlemen’s Association.

Record Bull Sold in July 1948...

When J. P. James of Bartow paid $10,000 to Henry O. Partin of Kissimmee for Emperor Jr. 4th, it was reported by The Cattleman to be the highest price ever paid for a bull in Florida... The Florida State Cattlemen’s Association held its mid-year convention at Ft. Pierce, with President Irlo Bronson of Kissimmee predicting a statewide fencing law would be passed at the next legislature.

Hereford Ass’n Makes Plans in 1953...

The Florida Hereford Association held its annual meeting in Gainesville and voted to hold their annual bull sale at Webster and the spring show and sale at Quincy... J. Arden Mays of Plant City was among the officers and directors of the American Brangus Association that attended the group’s first meeting held east of the Mississippi River at Orange, Virginia... Swift and Company granted the U. of F. Experiment Station $21,000 for the study of lungworms in cattle.
**The Deriso Stairway To Angus Progress!**

The Story of Three Fine Bulls
We Are Breeding to Our Selected Cows

- "Quality, not Quantity" is our goal—and our ambition is to have one of the best small herds in the country. We are now building our herd on a base of a few good animals, improving it by breeding to bulls like these, and adding selected animals from other herds as needed.

**Bordoliermere of Deriso 2428083**
Junior Sire
Calved October 3, 1956, this bull is sired by the 1956 International Grand Champion, Der-Mac's Bordoliermere 15th, out of Blackbird Eileen HR—a great-bodied, superior producer, sired by a top son of the Wonder Bull, Eileenmere 487th.

**Jago Prince 14 of S. L. 2093837**
Herd Sire
A son of famed "Jago", this bull was calved November 28, 1954, and we are now getting our second crop of good calves from him. His half brother brought Sun Lake Ranch $23,000. His dam, Blackcap Bessie 8th of A.V., is one of Sun Lake's most attractive cows.

For the future, we're raising two sons of imported Bandolier of Fordhouse. Visitors are always welcome.

**Deriso Angus Ranch**
Bob and Evelyn Deriso
Casey Avenue North, off Gunn Highway
P. O. Box 415
Tampa, Florida

HERE AT LAST! An All-Purpose Portable Sprayer Within the Reach of Every Rancher!

**NEW EDGE-RITE FARM SPRAYER DELIVERS HIGH-PRICED SPRAYER PERFORMANCE**

... Yet Is Now Available To You Direct From Factory For Unprecedented Low Price Of Only $79.95 Complete!

Win the war against dangerous insects and parasites with the Edge-Rite way. With an Edge-Rite, it's a cinch to do virtually every spraying job yourself, saving hundreds—even thousands—of dollars normally lost to the ravages of grubs, lice, ticks, flies, etc.

There's no reason to lose further profits by not spraying . . . no reason to pay expensive fees to outside sprayers . . . when the Edge-Rite Sprayer can be yours for such an amazingly low price. The Edge-Rite comes ready to set up and use . . . nothing more to buy. No attachments of any kind needed. Just set Edge-Rite on the ground, on bed of pickup or other handy spot. Fill tank with fuel, place suction hose in a barrel containing spray solution . . . and you're ready to spray! Light and portable, can be carried to where you need it with one hand. Sturdy, precision made components, plus high efficiency, mean extra years of service and substantial savings in time, chemicals, and water.

Edge-Rite Sprayer delivers powerful stream that covers thoroughly, penetrates deeply. Win the war against dangerous insects and parasites the Edge-Rite way. It's guaranteed to deliver top performance without mechanical trouble, or your purchase price refunded in full.

You take no chances when you order an Edge-Rite Sprayer. It's guaranteed to deliver top performance without mechanical trouble, or your purchase price refunded in full. Equip your place with an Edge-Rite today for $79.95 and your Edge-Rite Sprayer will be shipped at once prepaid. Or send a deposit of $10 and your sprayer will be shipped for the balance plus C.O.D. and delivery charges.

**Fill out and mail today**

EDGE-RITE CORPORATION
P.O. Box 712-FC—Brownwood, Tex.
Number of Calves Sired
Per Year is a Factor in

Bull Production Costs
For Your Cattle Operation

by MARVIN KOGER
Department of Animal Husbandry and Nutrition, University of Florida

There are a number of factors which influence bull costs and the relative importance of these factors may vary from operation to operation. For this discussion some of the more important items are considered here and some average conditions are assumed to illustrate the principles involved.

One of the obvious items that influence bull costs is the number of calves sired per year. For example, if the annual depreciation and maintenance cost per bull is $200 and he sires 25 calves, the bull cost per calf will be $8.00. If he sires only 10 calves, however, the cost is $20.00 per calf. Thus, one should keep the bull in a good state of health and nutrition so that he is capable of siring calves, and bull power should not be wasted on low fertility or barren cows. Culling cows for reproductive failure and management of the herd so as to maintain high reproductive efficiency is one of the key items in keeping bull costs low.

A frequent error that is made is to hold on to a bull too long to get more years of service from him. Table I indicates that keeping a bull for more than three years of service will reduce bull costs very little if any. When one considers the danger of an old bull going out of service, depreciation in salvage value, and inconvenience involved in assuring that a bull does not breed his own daughters, holding on to bulls until they show wear and tear is poor economy.

Another common misconception is that bull costs can be reduced a great deal by economizing on prices paid for bulls. Table II shows that within a reasonable range, initial investment does not affect cost per calf nearly as much as the transmitting ability of bulls influences value of calf. The rancher naturally desires to buy the bull as cheaply as possible. The point is, however, he cannot afford economically to pass up the bull he needs and compromise on merit to buy a cheap bull.

Table III shows the actual market value of calves sired by eight different bulls bred to similar cows during one year at one of our experimental units. All cows and calves had an equal opportunity so the differences in value of the calves represent differences in the transmitting ability of the bulls involved. The difference in value of calves sired by the least and poorest bulls in this study was $16 per head. Assuming that a bull will sire 100 calves in his lifetime, the better bull was worth $1600 more than the poorer bull! In addition, replacement heifers from the better bull will most likely be better producers than those from the poorer bull. The better bull costs only $50 more than the poorer bull.

One would not always expect to see bull differences as striking as these. The tables illustrate, however, why merit of the bull is by far the most important item affecting returns. A “cheap” bull is the costliest item on the ranch!

A question that naturally arises is “How can one pick bulls that will sire the best calves?” This is not the subject of this discussion. However, the top four bulls in this group were big, thick, production tested bulls from good breeding stock. The bottom four were “run of the mill bulls.”

**Table I**—The influence of years of service on bull costs, assuming 25 calves per year.

<table>
<thead>
<tr>
<th>Years of service</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purchase cost</td>
<td>$400.00</td>
<td>$400.00</td>
<td>$400.00</td>
<td>$400.00</td>
<td>$400.00</td>
<td>$400.00</td>
</tr>
<tr>
<td>Salvage value</td>
<td>200.00</td>
<td>200.00</td>
<td>200.00</td>
<td>200.00</td>
<td>175.00</td>
<td>150.00</td>
</tr>
<tr>
<td>Net cost</td>
<td>200.00</td>
<td>200.00</td>
<td>200.00</td>
<td>200.00</td>
<td>225.00</td>
<td>250.00</td>
</tr>
<tr>
<td>Annual depreciation</td>
<td>200.00</td>
<td>100.00</td>
<td>67.00</td>
<td>50.00</td>
<td>45.00</td>
<td>42.00</td>
</tr>
<tr>
<td>Annual maintenance cost</td>
<td>100.00</td>
<td>100.00</td>
<td>100.00</td>
<td>100.00</td>
<td>100.00</td>
<td>100.00</td>
</tr>
<tr>
<td>Total annual cost</td>
<td>300.00</td>
<td>200.00</td>
<td>167.00</td>
<td>150.00</td>
<td>145.00</td>
<td>142.00</td>
</tr>
<tr>
<td>Cost per calf</td>
<td>12.80</td>
<td>8.00</td>
<td>6.18</td>
<td>6.00</td>
<td>5.80</td>
<td>5.68</td>
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</table>

**Table II**—Influence of purchase price on bull costs, assuming four years service or a total of 100 calves from bull.

<table>
<thead>
<tr>
<th>Initial cost</th>
<th>$300.00</th>
<th>$400.00</th>
<th>$500.00</th>
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<td>200.00</td>
<td>200.00</td>
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<td>200.00</td>
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<tr>
<td>Net cost</td>
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<td>300.00</td>
<td>400.00</td>
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<td>600.00</td>
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<tr>
<td>Annual depreciation</td>
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<td>75.00</td>
<td>100.00</td>
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<tr>
<td>Maintenance cost</td>
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<td>100.00</td>
<td>100.00</td>
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<td>100.00</td>
</tr>
<tr>
<td>Total annual cost</td>
<td>125.00</td>
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<td>175.00</td>
<td>200.00</td>
<td>225.00</td>
<td>250.00</td>
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<tr>
<td>Cost per calf</td>
<td>5.00</td>
<td>6.00</td>
<td>7.00</td>
<td>8.00</td>
<td>9.00</td>
<td>10.00</td>
</tr>
</tbody>
</table>

**Table III**—Average per head value of calves produced by eight different bulls used at experimental unit.

<table>
<thead>
<tr>
<th>Comparison</th>
<th>High</th>
<th>Low</th>
<th>Difference</th>
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<tr>
<td>High bull vs. low bull</td>
<td>$77.00</td>
<td>$61.00</td>
<td>$16.00</td>
</tr>
<tr>
<td>Top 4 bulls vs. bottom 4</td>
<td>74.00</td>
<td>64.00</td>
<td>10.00</td>
</tr>
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</table>

The Florida Cattlemen
Production Testing Gives Proof

Stuart program shows facts

Production testing at W. H. Stuart Ranch near Bartow provides the “proof conclusive” that you can afford to spend many hundreds of dollars more for a good producing bull.

Manager Max Hammond compared the calves from one of his top sires with those from a low-producing sire (in both cases, the sires had produced more than 30 calves).

The calves from the top sire weighed 386 pounds at 205 days, those from the other sire averaged only 367 pounds.

That 19-pound difference (plus the grade difference) added up to $8.61 per calf, figuring the better calves grading low Good and bringing $36 per hundred and the poorer calves grading high Standard, selling for $25.

You can figure it from there yourself. $8.61 per calf, times 30 calves, times five years active bull life makes $1291.50 more value in calves for beef from the good bull compared to the poorer one!

The two bulls were neither the best producers in the Stuart herd, or the worst. They were just two bulls which had produced enough calves to give a real comparison.

Overall, between the top 25 percent in the Stuart 1957 Brahman calf crop and the bottom 25 percent, these differences were noted:

The top 25 percent weighed (without creep feeding) 435 pounds at weaning and graded Good. The bottom 25 percent weighed 309 pounds, graded low Standard.

That better group (on April 7, 1958) was worth 27 cents a pound, or $117.45 per head; the poorer group 29 cents a pound, $71.14 per head. The difference in average value of the top 25 percent compared to the bottom 25 percent was $46.31 per calf!

Hammond uses his producing testing information to select not only bulls but females which he will retain in his breeding herd. For example, about half of the top 50 percent of heifers will be retained for replacements—selected for weight gains, conformation, and disposition.

The future Stuart herd sires are selected from the top 25 percent of bulls, and the remainder of the high gainers are offered for sale as commercial bulls.

National Farm Safety Week will be observed July 20-26. It is sponsored by the National Safety Council and USDA.

USSC’s BLACKSTRAP MOLASSES

Can You Afford Not To Use It When Considering The Following In Comparison To Other Concentrates Or Supplements For Cattle On Pasture?

1) ENERGY—The “Nitrogen-free Extract” content in USSC's BLACKSTRAP is comparable to that of ground snapped corn.

2) PROTEIN—Either 2.8 pounds of our Urea-Fortified Blackstrap or 6 pounds of our Heavy Blackstrap has a “Protein Equivalent” content equal to that of one pound of 41% cottonseed meal.

3) ESSENTIAL MINERALS—Our Blackstrap Molasses has a supply of all the “Essential Minerals” recognized as deficient in our Florida grasses, with the exception of cobalt. However, our “USCC’S PHENOTHIAZINE IN UREA-MINERAL-BLACKSTRAP MIX” has been fortified with cobalt, phosphorus, and copper to the extent that we can reasonably assume that cattle consuming 5 pounds or more of this mixture daily, as a supplement to pasture would be receiving their minimum daily requirements of all “Essential Minerals” known to be deficient, such as calcium, phosphorus, cobalt, copper, iron, and manganese.

4) APPETIZER—Blackstrap is the best known appetizer, causing your cattle to eat more of the unpalatable cold and water damaged grasses, and we have had reports that it will also cause cattle to eat palmelto, light brush, and other low-quality and unpalatable roughage.

5) RUMEN STIMULANT—Its combination of readily available sources of “Energy” in the form of sugar and organic non-sugars, “Essential Minerals,” and “Minor Elements,” and its rich content of “Vitamins” stimulates (as researchers have discovered) the activity of the bacteria in the paunch, causing your cattle to make better utilization of available roughage, particularly when it is of low quality.

6) EASY TO HANDLE, SELF-RATIONING—As much as a week’s or ten days’ supply can be provided in unsheltered troughs strategically located on the range and your cattle will self-ration themselves to reasonable daily intake.

7) UNKNOWN FACTORS—Scientists have claimed that molasses undoubtedly contains “unknown factors,” as it will produce extra bloom, finish, or more healthful appearance and/or increased milk production when included in rations considered to be otherwise excellent for beef and/or milk production.

8) PRICE ADVANTAGE—Cattlemen in South and Central Florida have a distinct price advantage over cattlemen in other parts of the country due to being close to the source of production.

Our Sales Department would like to quote you our current prices and (if you like) arrange for tank-wagon deliveries on your request.

United States Sugar Corporation
Phone: YUkon 2-1501
CLEWISTON, FLORIDA
Screw Worms?
Use The KENT-ucky BACK RUBBER

Patent Applied for

Do not confuse this back rubber with homemade barbed wire outfits. It is factory made with 20 thicknesses barbed tightly and securely banded on steel cable with non-slip attachment—9 feet long.

NOW ONLY $8.95
(In Lots of 5)

Cattle Oilers, single lots, $9.95, f.o.b. Lexington. One gallon Globe Oil mixes with 4 gallons fuel oil for five fillings. Globe Cable Oil $3.75 gallon, f.o.b. Lexington—

SPECIAL PREPAID PRICES

Two Oilers alone prepaid for $21.00. Three oilers prepaid for $29.85, 5 or more prepaid at $8.95 each. Any quantity Globe Cable Oil $3.75 per gallon shipped prepaid with two or more oilers.

NECK CHAINS and TAGS
1/8 inch Thick, 3 inches Tall
HEAVY BRASS TAGS
40-inch Twist Link Coil Chain
Key Ring Fastener

$9.50
Prepaid
In Lots of 25

F R E E
THIS $1.00 KEY RING
FILLER
With Each Order of
25 Sets
White Nylon Oval Tags
substituted at same price

BREEDERS SUPPLY & EQUIPMENT CO.
P. O. Box 1830
Lexington, Ky.
Write for our GENERAL CATALOG 589 FC

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like our supervision and management services because they save money, increase profits and make things run smoother. Write for details.

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- Livestock buying, Brokers, Shippers.
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Florida Agricultural Service
Box 1429, Phone 8632, PLANT CITY, FLA.
Save up to $3.85 per 100 lbs of gain

CATTLE GAIN FASTER UNDER ALUMINUM SHADE

• pays for itself first year • reflects solar radiation away

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Steers on test at the Yuma Agricultural Experiment Station gained 2 lbs per day under aluminum sheds. Steers in the open gained 1.64 lbs. Similar steers shaded under palm-alfalfa thatch and steers under crisscrossed snow fence gained significantly less, and at a higher cost. To sum up—aluminum shading just about pays for itself the first year.

Aluminum’s ability to reflect away most solar radiation brought the faster, more profitable gains, Arizona researchers say. Maximum daily thermometer readings during the 120 days of the Yuma research last summer averaged 107 degrees in the open, 103 under aluminum.

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FCA CONVENTION at Cocoa Features
Good Topics; Fort Myers is Selected

Mid-Year meet program highlights hybrid feeder steers, systemic insecticides, new tranquilizer gun; Labeling of foreign meat, fire ants, fluorosis study are discussed

THREE HIGHLY interesting topics—hybrid feeder steers, systemic insecticides and the new tranquilizer gun—were discussed by speakers at the FCA convention in Cocoa, and in addition a variety of business was handled by both the board of directors (which met Wednesday, June 18) and by the membership (which met all day Thursday, June 19).

Local entertainment was provided for both nights, with tours of A. Duda and Sons and Tropicana’s chilled juice plant held on Friday, June 20.

President J. O. Pearce, Jr., of Okeechobee presided at all sessions of the convention, which saw resolutions adopted as follows:
1) Asking the Florida Livestock Board and State Department of Agriculture to enforce the present laws requiring labeling of foreign meat imported into Florida;
2) Urging the State Plant Board and State Road Department see that no fire ants are imported into south and central Florida through mulching or planting materials;
3) Praising the Livestock Board, USDA and individuals whose efforts have speeded the screwworm eradication program;
4) Backing a Polk County request that the new Air Pollution Control Commission spend $14,500 with the Department of Animal Husbandry at the University of Florida on fluorosis research;
5) Seeking State Game Commission cooperation in eliminating destructive animals and reptiles, including bear, panther and Gators, which are causing losses in northern Florida;
6) Thanking Brevard County for the fine program.

These resolutions will be published in full in the August CATTLEMAN, since the time element prevented making complete coverage of the convention in this issue.

Board of Directors...

SEVERAL IMPORTANT actions were taken by the board of directors, in its regular pre-convention meeting, as follows:
1) The National Live Stock Tax Committee (an independent branch of the American National Cattlemen’s Association) was given $554 as the balance of Florida’s share in running the organization for a two-year period;
2) The host associations for the Mid-Year and Annual meetings are to be selected a year ahead of time, and dates named;
3) The Florida Livestock Board was asked to write in detail to local associations, explaining how the new diagnostic laboratory will work, and why specimens should be referred through veterinarians;
4) The $500 reward for cattle thefts was retained, despite the fact that many thieves escape serving jail terms;
5) Reduced quota for support of FCA was granted to the Central Florida association, on grounds of cattle population loss, and similar relief for Gilchrist County (which asked for relief next year) was granted for 1959; by motion, no further reduced quotas for 1958 will be allowed;
6) Okayed for legislative committee study suggestions from the Collier association that a legal fence constitute public interest, and that strict enforcement of the 1951 marks and brands law be sought;

Fort Myers...

FORT MYERS waged a lively battle to be selected as the site for the 1958 annual convention—and won after competing sites dropped out in its favor.

The convention will be held there November 12-14.

Palmer...

WHAT ARE tranquilizers good for?
A good many things, according to H. C. Palmer of Atlanta, inventor of the new “gun” which shoots tranquilizing agents into cattle at a distance of up to 40-50 yards.

Tranquilizers won’t knock cattle out (to do that you need to inject nicotine)—but they do make it possible to handle cattle which can’t be handled satisfactorily in other ways.

“It makes them more tractable and gentle,” Palmer explained.

Wide applications for use of the new gun were suggested: use it to make other injections; use it when cattle may get upset and run off weight; use it when they’re sick and running may make them even sicker.

Crow...

A. F. CROW is a hybrid seed corn producer, who decided to apply what he knew about corn to beef cattle.

The Milford, Illinois, feeder likes Brahman and Charolais blood, mixed with Angus, Hereford or Shorthorn—and claims the resulting hybrids produce higher quality beef, more uniform beef, and have less fat covering.

The midwestern packers used to pay him less for his hybrids, but they’ve learned better, and now pay a premium, he reported. Federal grading hinders the hybrid from a price standpoint because the lack of uniform fat covering makes it impossible to get the grade the beef quality warrants, Crow said. (He sells to packers who have their own grades.)

He buys hybrid calves right off the cows, trucks them to Illinois and fattens them on corn silage plus supplements. Two Florida suppliers have been U. S. Sugar Corporation, Clewiston, and Camp Ranch, Inc., Ocala.

Swanson...

SYSTEMIC INSECTICIDES such as Trolene and Co-Ral are now approved by USDA for controlling cattle grubs, horn flies, screwworms and other insects—but the big thing of the future will be the application of systemics to control internal parasites—Dr. Leonard Swanson of the University of Florida’s Parasite Laboratory told the group.

The new systemics are not to be used less than 60 days prior to slaughter and are not for dairy cattle. Swanson cautioned—and he strongly urged cattlemen to use exactly the recommended dosage and treatment.

Co-Ral is a wettapable powder which must be sprayed on animals, and penetrates the system through the skin while Trolene is made in bolus (large tablet) form and given internally. (Both are advertised for the first time in this issue of The Cattleman.)

Social...

THE BREvard County Cattlemen’s Association even had a directory of all persons registered for the convention available at the registration desk!

This service was typical of the work done by the host association in making the convention a highly enjoyable one.

For ladies, a style show and luncheon at one of the plush seaside motels on Cocoa Beach was a feature, and for everyone the barbecue and dance on Thursday night and the tours on Friday were high points.
Breeders Meet with State Fair

Representatives of all beef breeds agreed to a December 1 entry deadline for the 1959 Florida State Fair at the annual beef planning meeting held at Tampa Electric's Leisure House in May.

Considerable discussion on the fat stock show suggesting stringent grading resulted in a decision that a planning meeting be held to consider any rule changes. Entries for 1959 will be limited to the top 140 head, with all animals grading Good or better.

No action was taken on a suggestion that entries in 1960 be limited to Choice and Prime animals.

In other action, the group:  
1) Heard from Assistant Fair Manager M. E. Tweddell that another Carcass Contest will be held in 1959, with support expected again from the Florida Retail Federation of the State Chamber of Commerce (formerly the Chain Store Council), and from Florida Power Corporation.

2) Discussed breed quotas but took no final action except to vote 20 for Charolais, up from this year's ten (last year, the following number showed in each breed: Angus 43, Brahman 47, Hereford 101, Santa Gertrudis 41, Short- horn 28, Charolais 10, and Brangus 5).  
3) Approved R. A. Long of the University of Georgia to judge English breeds, and Don Wakeman of the University of Florida to judge Brahman and Santa Gertrudis entries (they have since accepted).  
4) Endorsed continuation of the Parade of Champions.  
5) Designated the following breed representatives for the 1959 Fair: Charles Moore, Lutz, Angus; Kelly Lyons, Kissimmee, Brahman; L. T. Langford, Plant City, Hereford; Harold McLeod, Fort Myers, Santa Gertrudis; and C. R. Hooker, Plant City, Shorthorn.  
6) Suggested for action by the State Fair's Livestock Committee that full premium money be paid whether there is further competition in any class or not.

Bang's Free Herds

Certified brucellosis-free herds numbers 453, 454, and 455 were accredited by the Florida Livestock Board during late April and early May, according to Dr. C. L. Campbell, state veterinarian.

Included were Beacon Farms at DeLand, C. W. Bendigo at Fort Myers, and Afton Acres at DeLand.

Veterinary Handbook For Cattlemen

A brand new edition of this invaluable guide that is full of vital information you can depend on. Dr. J. W. Bailey knows the veterinary problems and emergencies farmers and herd owners face and knows how to write an easy-to-follow book about handling them. 400 pages, 100 illustrations, many new. PRICE $5.00 (add 3% sales tax for Florida orders). Order your copy today.

The Cattleman Press

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Fat Stock
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To Be Held

JAN. 26-31

(Not March 2-7 as Previously Announced)

This Change Is Made to Tie in the Ocala Show with the Florida Open Show Circuit in Early February. Program will include, as in past years:

ALL BREED BEEF CATTLE SHOWS
FAT STEER SHOW
FLORIDA QUARTER HORSE EVENT

For Further Information, Contact

LOUIS GILBREATH, General Manager
Southeastern Fat Stock Show & Sale, Inc.
Box 404, Ocala, Florida

How to Grow and Feed

Silage

Described by Extension Husbandman

by J. E. PACE
Extension Animal Husbandman,
University of Florida

More Florida cattlemen are interested in storing reserve feed for their cattle than at any time during the last 25 years. This is due to the severe weather conditions that prevailed during the winter of 1957-58.

Florida having experienced the coldest winter of this century, many cattle died; however, the greatest losses resulted in condition of the cattle, losses in newborn calves that failed to survive because of poor condition of cows and losses yet to be determined in the lowered repro-

SELF-FEEDING... was accomplished at the Range station by using these gates at each end of the silo.
The productive efficiency of breeding herds that is bound to occur after such a winter. On most Florida ranches there just wasn't sufficient roughage available to winter the cattle properly. Many cattlemen who had never before purchased feed did so this past year.

As a form of stored roughage, silage has been and is a feed of considerable interest to Florida cattlemen. There are a number of crops in Florida adapted for ensiling which when harvested at the right stage and when properly ensiled make a wonderful winter feed.

The principal drawbacks to more cattlemen using silage as a wintering feed are:

1. Removing the silage from the silo;
2. The cattleman has to be a relatively large operator in order to afford the equipment necessary for making silage.

What type silo should be used in Florida? This will vary to some extent according to the area of the state in which the ranch is located. Upright silos are not practical for the average cattleman to use. Trench silos are used extensively in West Florida to some extent in Central Florida. Bunker silos constructed of either concrete blocks or treated lumber are adapted to all sections of the state and are probably more widely used at present than any other type. Bunker silos have the advantage in that the silage can be self fed and self-feeding can be carried on from both ends simultaneously. Moveable stanchions are used for this purpose. Workers at the University of Florida Agricultural Experiment Station have found out that six inches of stanchion space per cow is sufficient. Thus, a bunker silo which is 16 feet across will self feed 32 cows on each end. If the silo and pastures are so located, this capacity can be doubled by allowing one group of cattle to feed during the day and another during the night. Bunker silos should have a concrete bottom. Otherwise, during the process of self feeding the soil bottom will become a mass of mud.

Since the advent during recent years of polyethylene and vinyl plastic covers the use of stack silos will undoubtedly become more widespread. These covers offer the possibility of making a number of small stack silos in a series of pastures, thus eliminating holding cattle in the same pasture throughout the winter.

What crops should be grown for silage? This is a very difficult question to answer; however, in the section of the state that is adapted to the production of the various grain crops, the crop that will produce the largest yield of grain is the one to grow for silage. Both the grain sorghums and corn are excellent crops for ensiling. The sweet sorghums such as Texas seeded ribbon cane, even though tremendous tonnage yielders are much less desirable. Sugar cane should not be ensiled as the ensiling losses are too great.

In South Florida, grass is probably the surest silage crop. Making silage is certainly to be preferred to letting the (Continued on page 66)
CONVERTED HANGER ... at Sebring Air Terminal now houses the screwworm laboratory. New building at far right will contain the atomic by-products which sterilize the “screwworm” while it is in pupa form.

Screwworm Lab Officially Opening on 10th of July

WANT to see at firsthand how the state and federal governments are going to produce the 50 million sterilized screwworm flies which will complete eradication of Florida’s greatest livestock pest?

The Florida Livestock Board and the USDA’s Disease Eradication Branch are joining in sponsorship of an open house on July 10 at the new screwworm “factory” at Sebring Air Terminal. Time is 2 p.m. A tour of the completed “factory” will be part of the program.

Many dignitaries are being invited to attend, according to Dr. M. E. Meadows, who is in charge of the state’s part of the program, including Governor Leroy Collins and Secretary of Agriculture Ezra Taft Benson.

Meanwhile, the Florida Livestock Board (at its meeting in Cocoa June 18) was advised that sterilized flies from the temporary “factory” at Bithlo are being released from the latitude of Savannah, Georgia, all the way through the Lake Okeechobee area, and further extensions are expected in the near future.

One spot result of this activity was the fact that no new screwworm cases were reported in Hardee County during the week end of June 14, despite the fact that this county had been reporting dozens of cases in prior weeks.

No further outbreaks of screwworms have been reported north of the quarantine line which follows State Road 40 across peninsular Florida through Ocala, the board was told.

Good news for Okeechobee County cattlemen was the removal of the county-wide quarantine which existed since fever ticks were found there in Spring 1957. Only a hand-full of quarantined premises in Palm Beach, Broward and Highlands Counties remain of the once serious fever tick outbreak, and these are expected to be cleared up by September, Supervisor Carl Langford of the Tick Eradication program told the board.

The tour of the screwworm “factory” will be the only opportunity Florida cattlemen will have to tour the mechanized operation which is housed largely in an old hangar at the Sebring Air Terminal.

Obviously, the possibility always is present that screwworms could reinfest Florida from the breeding operations at the laboratory. Because of this, very stringent security precautions are being adopted at the laboratory, and visitors will be discouraged from going inside the building itself (though a window “peephole” will provide a view of operations from the outside for those wishing to take a quick look).

A speaking program will precede the tour of the laboratory, and visitors will be told the whole story on the screwworm eradication program, much of which has been reported in The Cattlemen since the first story five or more years ago which told of preliminary work on Sanibel and Captiva islands near Fort Myers.

The laboratory itself includes departments for breeding flies, hatching egg
clusters, feeding the larvae, separating larvae from the mass of blood and whale meat in which they are grown, cleaning the resulting pupae, sterilizing the pupae with atomic by-products, packaging the sterilized pupae, and shipping them to various dispatch points throughout the state where they are emplaced for dropping throughout the state according to an established pattern that has been announced.

Elaborate temperature controls have been installed in the buildings, but it won't be air-conditioned in the ordinary sense! The screwworms in their various stages of development require varying degrees of heat and humidity for maximum development—and all are uncomfortable for humans!

Disease is Plague

According to an exhaustive study recently published by the Forest Service of USDA, entitled "Timber Resources for American Future," disease far outranks all other destructive agents in reducing forest productivity. It is estimated that about 45 percent, or almost half, of the total losses in growth and mortality of sawtimber (mature trees) and growing stock is caused by diseases.

The weight of a beef cow's calf at 112 days of age is just as reliable as its weight at 210 days in measuring the mothering activity of the cow, according to animal husbandmen at Oklahoma State University.

---

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SCREWWORM SITUATION... is shown in this map with horizontal heavy lines setting forth the various zones. Supervisors for each zone, together with their addresses, are also shown.
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Arrigo Says Fast, Economical Gains Are a Trade Mark of Charbray Bulls Among Commercial Herds

by QUINTA ARRIGO
Secretary, American Charbray Breeders Association

TWO MAJOR points uppermost in the mind of the commercial cattleman are consumer demand for the end product and economy of operation to determine the profit.

From feeder to packer to Mrs. Consumer—the need is virtually the same—fast economical weight gaining ability to produce more red meat at less cost. The commercial breeder, therefore, is interested in the calf crop that goes over the scales to return a profit to him.

The end purpose of the registered cattle business is to provide bulls that will feed efficiently and make economical gains for the commercial cattleman. It is because of their economical, fast gaining ability that Charbray bulls are in such steadily increasing demand in this country and have made so phenomenal a record since the inception of the American Charbray Breeders Association.

A beef animal must produce a maximum of high priced cuts with a minimum of bone and offal. On the other hand, the practicality of the commercial cattleman points to a beef animal with sufficient amount of bone for heavy service and for ease in getting around over rough, range country. In the commercial cattle operation, a more rugged life demands more rugged cattle...cattle with better legs, not only for foraging, but ready to turn out in the breeding herd.

Inasmuch as weaning weights of calves are influenced by the milking ability of cows, your herd sire should be selected out of heavy milking cows. The milking areas are not bred out in the Charbray animal.

Individually, the herd bull should be better than the females in the herd, if he is to improve the cow herd and produce calves that will go over the scales at a greater profit. The success of any bull depends on the kind of calves he will sire when mated to your cows, and his performance is, therefore, the best index of his ability to sire calves of good productivity. If a bull is a proven sire, then his calves will be the best evidence you can get of his prepotency and gives a good index for selection.

The herd sire must have the ability to grow rapidly, either on grass or in the feedlot. A fast-gaining, good doing bull will pass these characteristics on to his calves. He should be able to add vigor, therefore, to your calves, and more pounds per day of age.

At the present time, weight gaining ability in bulls is resulting in top prices. The rate of gain has been proven a highly hereditable characteristic, therefore, you have a far better chance of getting fast gaining calves if you use fast gaining sires.

You can develop cattle with superior "doing ability" if you buy bulls with proven ability as efficient feed convertors.

An increasing number of breeders over the country are finding that the high rate of fast gain is the Charbray's secret for making more money for the cowman at marketing time.

CHAROLAIS...blood produces big, rugged bulls like these, which in turn will pass on size and rapid growth to their calves.
Mr. Commercial Breeder...

We suggest that you try CHARBRAY bulls for more weight of calves at weaning age...

WE GUARANTEE... calves from CHARBRAY bulls to out weigh calves from other breed bulls from 75 to 150 pounds at weaning under the same conditions.

WE ALSO GUARANTEE... offspring from CHARBRAY bulls will have more resistance to disease and insects than most other breeds.

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Direct Correspondence to Otto Weaver, Secretary, 800-26th Avenue North

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The Florida Cattleman
Bull Test Is Set

The third annual Service-Age Bull feeding test will start at the West Central Florida Experiment Station at Brooksville around August 19, according to W. C. Burns, animal husbandman at the station.

Burns said the date has not been officially set, but breeders entering the bull test should have them ready for delivery to the station by August 1. Bulls born between November 1, 1956 and April 1, 1957 are eligible for the test, provided they are delivered to the station with the test fee of $125 per head, birth date and proper health papers for T. B. and Bangs.

A definite delivery date will be announced within a few weeks, Burns said.

It is of considerable importance that purebred breeders do everything they can to get more high quality purebred bulls to the commercial cattlemen.

In buying bulls, one should try to get a bull which is better than the cows he will be bred to. The better he is than the cows, the more progress will be made in improving the herd. There are still too many cattlemen who purchase bulls of about the same quality as their cows. As a result, their progress is pretty much at a standstill.

In selecting a bull, one should try to obtain an animal that will correct some of the faults in the cow herd. It must be emphasized that it will take more than one bull to do the job. If one follows this policy consistently, however, he will gradually eliminate the faults in the herd.

Bulls should be large for age, have good body conformation, stand on sound feet and legs and have a good record on their parents side. The mother of the bull should have been a good milk producer. More attention needs to be paid to milk production since heavy calves at weaning cannot be produced unless the cow is a good milker. Selling these kind of bulls will increase your farm’s bull customers and make them repeat buyers.

It is never too late to start improving a herd and the sooner that job is started the better. Quality in cattle will always pay and the higher the quality the better. Thus, one should never hesitate to pay a few hundred dollars more for a high quality bull compared to an average bull which does not cost as much but which also does not do as much for the herd.

Most good breeders never get their herds to the point where they are entirely satisfied with their quality. Progressive breeders continually look for ways and means of improving the quality of their herds. One way, is to look for high quality bulls, with good production records, who will nick with their cattle and further improve them.

---

Better Bulls A Better Buy

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Yes, Charolais will bring rapid growth to your herd—and the bone and size and conformation that most cattle need. Pictured are yearling bulls to be found at Lazy W Ranch.

We have the following for sale at this time:

1. FIFTEEN-SIXTEENTHS YEARLING BULL
2. SEVEN-EIGHTHS YEARLING BULL
3. SEVEN-EIGHTHS 7-MONTH-OLD BULLS
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for July, 1958
FAST-GROWING CHAROLAIS AND CHARBRAY are the most economical gainers anywhere for producing the beef for America's dinner tables. High dress-out percentages are another feature the packers like which means more dollars in your pockets.

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Crossbreds Liked in Midwest

The cow-and-calf man needs a bigger price spread. The pinch of rising costs and lower sale prices has hurt more keenly than most other farm enterprises and Charley Litton of Lock Springs, Missouri, has one solution, as reported by Art Edwards in the March issue of Successful Farming.

Litton pocketed an extra $53 per head on his crossbred steers. He says extra vigor from crossbreds helps, and if you can get better quality at the same time you can make a cow herd pay bigger dividends.

Litton, for 20 years a purebred breeder, completed his own testing program and made the switch to crossbreds. He has sold the purebred sires he has been using on his 80-cow herd.

He made his test using a Charbray bull (3/4 Charolais and 1/4 Brahman). This bull was mated with seven of his purebred Hereford cows. Calves from the cross were then fed in the same feedlot with 53 purebred steers and handled alike. Both lots were sold on the Kansas City Market on the same day.

Litton arranged with his commission firm to have the buyer run close checks on the cattle in the packing house for him. The crossbreds were born in March, and were two months younger than the purebreds, which were dropped in early January. All animals graded Choice, but the crossbreds were heavier, averaging 1108 pounds, while the purebreds weighted only 860 per head. The crossbreds also outsold the purebreds by 65 cents per hundred, the selling prices being $19.15 and $18.50 respectively. The crossbreds dressed 62.3 percent, the purebreds, 59.2 percent.

A good management program is mandatory in Litton's operation. Calves are creep-fed with oats and supplement. He starts adding shelled corn to his ration about one month ahead of weaning and gradually cuts down on the oats, eliminating them entirely within a month following weaning.

Over-all, Litton says, management of the crosses will not be much different from handling a regular commercial herd. He says the crosses are larger at birth, estimating their weight at about 90 pounds. He says he has had trouble with only one cow at calving.

Tranquilizers Used

TRANQUILIZERS ON livestock may have reached another milestone, according to a recent report from Oklahoma State University, based on chemical assays of edible livestock tissues. They found no chlorpromazine in the muscle or fat of tranquilized animals.
POLK FAIR . . . for next fall will have as one of its entries this registered Charbray, pictured with 14-year-old FFA member Paul Sullivan of Frostproof. Bull was four months old when photo was taken, is 3/16 Charolais, 3/16 Brahman, was bred by Paul's grandfather, H. C. Sullivan.

Imports Rise With Prices

More cattle were imported into the United States during 1957 than in any one year since 1941, reports Prof. W. K. McPherson of the Agricultural Economics Department of the University of Florida.

Using figures furnished by the Foreign Agricultural Service, McPherson reports 703,000 head of cattle were imported during last year—nearly five times the 141,000 head imported during 1956. In addition, 376 million pounds of beef and veal came into the country—more than in any year since 1952, and some 85 percent more than in 1956.

However, despite the heavy 1957 imports, the United States exported $78.9 million more cattle and beef products than it imported—although the "big end" of the exports were tallow and hides, with tallow being rated at $113.6 million.

Historically, McPherson points out, beef imports show large increases when the market in this country rises sharply. For example, in 1929, 1939, 1941, 1948 and 1951 beef and veal imports rose to five percent or more of total production—dropping to 1.5 percent or less of production in 1931, 1932, 1933, 1934, 1946, 1947 and 1956.

Imports in 1947 included: Cattle $70.9 million; Beef and Veal $59.3 million; Tallow $200,000; Cattle Hides $6.3 million; Sausage Casings $4.1 million; Total $140.8 million.

Exports in 1947 were Cattle $12 million; Beef and Veal $28.9 million; Tallow $113.6 million; Hides $62 million; Sausage Casings $3.2 million; Total $219.7 million.

Contact your nearby Agrico agent today and get a higher return on your fertilizer dollar.

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Pierce and Pensacola, Florida

Why guess? Instead, have your soil sampled and tested by the Agrico Soil Service.

Take the guesswork out of fertilizing...

Depend on the Agrico Soil Service to test your soil and determine available plant food content. Test results and field history are studied by Agrico agronomists. They'll make sound fertilizer recommendations geared to your particular crop and soil. Follow them, use AGRICO, the Nation's Leading Fertilizer, and you will be money ahead at harvest. The service is free.

The correct inflation of tractor tires increases performance of the tractor in the field and reduces wear on the tires, reports the Florida Extension Service.

for July, 1958

SOUTHERN DOLOMITE
PALMETTO, FLORIDA
PHONE: BRADENTON 2-1411
BRANGUS Men Urge Stress
On Quality and Records

Present conditions point to good market
in future for replacement cattle and
especially for bulls

"THE THOUGHT has occurred to me that possibly after the last three or four years, due to prevailing conditions and especially with markets no more attractive than they have been, with a sudden, new, more favorable outlook we should all begin thinking of not only numbers of cattle but possible improvement as to conformation and quality in general."

Thus wrote Floyd Newcomer, president of the International Brangus Breeders Association in a report to the membership of the association.

Newcomer continued, "In other words, conditions at present seem to inspire new hope and faith in what we are about. There is evidence everywhere that there could be a tremendous market for replacement cattle of practically every breed—and especially for good bulls.

"This includes a very likely demand for good range bulls of our Brangus breed to be used on herds of the various domestic breeds. In this connection, I think it behooves us to work quite closely toward very high quality on those bulls which we hope to move into breeder herds for the expansion of our breed.

One of the improvements that I have in mind is that it might be that now is the time to pay considerable attention to the selection of bulls to be sold off into Brangus breeder herds that are positively clean-headed and look toward a conform-ation that not only equals the average domestic-type cattle but be an improve ment over them. It could be that we should possibly strive toward an animal neither too high off the ground nor too close to the ground and certainly with sufficient bone to carry the amount of beef that the carcass will produce. These are the things I am personally thinking of, in the improvement of my own herd."

Jesse L. Dowdy, executive secretary of the American Brangus Breeders Association wrote recently, "The main point I would like to get across is to keep a record on your breeding cow herd so you will know how each cow is doing, then, when you buy a bull don't just buy a bull because he has papers, investigate the background of that bull with emphasis on conformation, ability to gain rapidly, large bone, showing masculinity and strong character about the head, strong spring of fore rib, standing squarely on four straight legs, and if possible, select a bull that already has established his ability to produce heavy, high-grading calves at weaning time.

"It has been definitely proven at several of our experiment stations that a bull's ability to gain rapidly is passed on to his offspring. So strongly does the Eastern States Brangus Association believe in this bull testing that they have placed bulls on the Florida bull testing program conducted by the University of Florida for several years."

"More people are becoming aware of the importance of production proven bulls for beef cattle production."

"Where no records are being kept 30 percent of the cows in most herds are not paying their board bill. All herds, regardless of size, should have some system of keeping production records, not only as a check on the mother cows, but as a check on the bulls being used."

BRANGUS . . . is a combination of Brahman and Angus breeding in a 3/8, 5/8 ratio. These cows show the thrifty nature of the breed.
QH Races Slated At Ocala Soon

The plush surroundings of the brand new Thoroughbred racing track owned by Meadowbrook Farm near Ocala will be the site of Quarter Horse racing on Sunday afternoon, July 20, according to Leonardi Alexander of Ocala who is handling the meet.

Match races have already been arranged between Big Plunder, owned by Claude Vaughn of Orlando, and Alexander's Pay Joe Reed, at 300 yards, and between Cotton Jr. and Jet Girl at 220. Others wishing to match at distances up to 440 yards should contact Alexander at 1825 Baldwin Road, Ocala. He said any interested persons are welcome to attend.

Admission will be free and there is no entry fee, due to the cooperation of William Lynch, Meadowbrook owner. The track has a 440-yard straightaway, and electric starting gates, and is located three and a half miles southwest of Ocala on the Inverness road.

For complete information about Brangus

Contact
Int'l Brangus Breeders Ass'n.
646 Livestock Exchange Bldg.
Phone VI 2-7687
Kansas City 2, Mo.

For Sale...

300 Commercial Breeding Cows 300

This good commercial crossbred herd contains some Brahman Angus crosses.

They are now being bred to registered Shorthorn bulls.

For complete information, call

JAMES CARROLL
MArion 2-3764
OCALA FLORIDA

Brangus ... A Name to Remember

They'll Make More Money for You Because They Are Tops in These Divisions

1. Brangus produce Choice and Prime Beef rapidly
2. Brangus often dress in excess of 65%
3. Brangus repeatedly gain in excess of 3 pounds a day
4. Brangus are both heat and cold tolerant
5. Brangus are extremely DISEASE resistant—on the range and in the feed lot (No pinkeye or Cancer-eye)
6. Brangus produce heavier, faster gaining calves at weaning time
7. Brangus bulls do well on any breed of cows

EASTERN STATES BRANGUS ASSOCIATION
Keith Avery, Acting Sec'y, Plant City, Florida

These Brangus bulls are beef-makers.
Some of Most Expensive Sires You Buy May Be

Bargain Bulls

In the Price-Tag Alone

That “bargain-priced” bull may be the most expensive sire you ever bought since the wrong bull is expensive at any price.

This was the subject of Josef Winkler, III, of Castle Rock, Colorado, in an issue of The Shorthorn World.

“...In making progress with your herd, one of the foremost problems will be the selection of a herd bull. For small breeders or beginners this consideration becomes even more important when only one bull is used on the entire herd. Here the chance of progress depends wholly on the performance of just one sire, and in choosing that bull, careful attention to many factors, including price, must be given.

“When we observe the vast quantity of breed-improving herds throughout the country, and the products they produce, it is inconceivable to find so many instances where herds are headed by bulls of inferior quality. Economics of the time necessarily has influenced values and prices, but here is the fundamental misgiving to those who “conserve” when buying herd sires. The price a breeder is justified in paying for a herd bull is relative to many varying conditions, and many moderately priced bulls have made important contributions to herd improvement.

“A progressive breeder will keep informed about the performance of certain families and bloodlines. Considering the weak points in your cow herd, visiting breeder’s herds and observing show ring performance can be valuable lessons when you are looking for the “right” bull for your herd. When you find the near-perfect animal he is usually not for sale, or priced beyond what you feel you can pay. Buying a fair bull from a good herd is usually a better investment than buying an outstanding bull from a fair herd. The fair bull would tend to produce more consistent quality by virtue of his ancestry, than the outstanding bull from the poorer herd.

“When you consider the price tag, estimate the value of the sire on the calf crop he will produce. Let the calves be the determiner. Quality consciousness is the cornerstone of the entire beef industry. It would not be long after the quality of our beef deteriorated that the consumer would curtail buying beef which lacked the favorable characteristics.

“It is true that a cheap bull “costs too much” when a larger investment in a sire of quality will assure the type of product upon which our industry depends.

“The result of investing in better sires, to replace inferior ones, is not singular. Clearly, the mating to high-quality will first improve the quality of the produce you sell. Secondly, the feeder will compensate from this quality as his own ven-
Biological Warfare

A CRESCENT City lady thought the Russians might have started biological warfare when she saw an airplane drop a box full of flies near her home!

But it was only screwworm flies, a check disclosed. The automatic mechanism on the airplane had failed to open the box in the air, and it landed still full of sterilized screwworm flies.

ture becomes more successful. This, of course, is the most short-termed but important accomplishment; perhaps even more valuable is the long-term, far-reaching influence on increased quality of replacement females which will display vividly the wisdom of selecting a bull for what he is worth to you, rather than how much he costs. The replacement of an inferior bull with one of high quality may well increase the value of each calf by $10 at weaning time, which would be increased to $20 an animal when fattened, and the additional money invested in the better sire will soon be returned when you sell those calves, and in the higher quality replacement females. These dividends won't cost, they pay!

“Make your next herd sire the best one yet, even if you find him priced a little higher. Remember, “the bull is half the herd” and “an inferior one is all the herd.” The right bull can and will pay for himself with a few services—the wrong bull is expensive at any price.

Florida Delegation
Largest at National Markets Meeting

Some 40 FLORIDIANS (largest state delegation there) attended the American National Livestock Auction Association’s Convention and Livestock Marketing Congress at New Orleans in mid-June.

Appearing on the program were: Prof. W. K. McPherson of the University of Florida’s Department of Ag Economics, who moderated the packer’s panel; Dr. T. J. Cunha, head of the Department of Animal Husbandry, U. of F; George Young, manager of the Glades Livestock Market at Belle Glade; and Bob Cody, editor of THE CATTLEMAN.

Young was elected to the American National’s board of directors. At a special meeting of the Florida group, officers were authorized to proceed with efforts to secure changes in administration of the state bonding law to better protect auction markets.

Markets represented at the meeting included: DeFuniak Springs, Graceville, Marianna, Monticello, Live Oak, Gainesville, Kissimmee, Sarasota and Belle Glade.

A Golden Star in Our Herd

and a bull with a bright future

We purchased this fine herd bull in the Myrtle Lake Dispersion. Only under these circumstances were we able to purchase a bull of his calibre. CREEKLAND GOLDEN STAR was premier Shorthorn bull of Florida for the show season of 1956-57. We are sure he will do a great job in our herd of top-quality brood mares.

FOR SALE

Young Bulls • Open Heifers • Bred Cows

Also in service is Peach Grove Goldfinder, who sired 3 A minus bulls in the Ocala Graded Bull Sale. Of the 120 bulls in the sale, only 9 graded A minus, and 5 of the A minus bulls were Shorthorns, 3 of these were sired at Feronga Acres.

We Always Welcome Visitors

FERONGRA ACRES

Ranch is located three miles south of Webster off Highway 50

Dr. H. Young, Owner

Leesburg, Florida

Shorthorns...

Two Top Polled Herd Sires

TPS Max Coronet 37, proven son of Creekland’s Max Juggler 15th, weighs 1700 pounds on grass, with no grain. And the new addition, the white L L Emperor, son of Klaymor Nester, so successful in the Hinson Herd in Georgia.

Some Bull Prospects, 2 Years and Younger—Club Steer Calves

We recently sold some Shorthorn steers off pasture. They graded low good, and averaged $25.70.

BEARDSLEY FARMS

206 Sugarland Hiway

Ranch: 6 miles east on Hiway 27, CLEWISTON, FLORIDA

for July, 1958
Better Breeding for Better Beef

Our Junior Herd Sire—Lynnwood Headline

CHAMPION SIRES—to produce better commercial bulls, Smith Ranch is using a pair of championship sires. The bull pictured above, Lynnwood Headline, was reserve grand champion at Ocala last Spring—and another of our entries, Lynnwood Keystone, won grand championship honors! You’re invited to visit us and see our Short-horns under working conditions.

SMITH RANCH
H. L. & P. N. Smith, Owners
Garland Snyder and Frank Smith, Herdsmen
300 Lake Elbert Drive
WINTER HAVEN, FLORIDA
RANCH IN POINSETTIA PARK ROAD, FIVE MILES NORTHEAST

MORE and BETTER BEEF with

SHORTHORN BULLS

BETTER BULLS ARE AN IMPORTANT ITEM in the cattle business, no matter what the breed. We raise and prefer SHORTHORNs, and hope that you do too! Using a beefy Shorthorn bull in your commercial herd can add several dollars per head to your calf crop. Visit us soon and look over our selection of BETTER BULLS!

SEE OUR HERD BEFORE YOU BUY

OAK HILL FARM
MARK SAUNDERS, Manager
Farm 18 miles east of Tallahassee, 4 miles south of Miccosukee on Rt. 59.
Route 1, Box 77, LLOYD, FLORIDA

Vet Group Gives Award To Award
Vet meet is held in Gainesville

by C. A. STOOKEY

J. O. PEARCE, JR., of Okeechobee, president of the Florida Cattlemen’s Association, has been awarded the first distinguished service award by the Florida Veterinary Medical Association at the first Florida Conference for veterinarians in Gainesville May 17.

In making the award, Dr. C. B. Plummer of Ft. Myers, president of the veterinary association stressed Pearce’s efforts in securing government funds to match state funds in the screwworm eradication program.

Veterinary research workers and practicing veterinarians from six states and Washington, D. C., took part in the two-day conference held in the J. Hillyer Health Center on the University of Florida campus and conducted by the veterinary science department of the Florida Agricultural Experiment Station.

About 200 persons attended.

Out-of-state speakers included: Dr. W. W. Armistead, president, American Veterinary Medical Association, East Lansing, Michigan; Dr. D. P. Gustafson, Purdue University, Lafayette, Indiana; Dr. John B. Herrick, Iowa State College, Ames; Dr. E. P. Leonard, Cornell University, Ithaca, New York; Dr. C. D. Van Houwelling, Agricultural Research Service, Washington, D. C.; and Mrs. Mildred M. Galton, Public Health Service, Chamblee, Georgia.

Much of the program time was given to discussions of technical subjects by research men and practitioners. 15 Florida veterinarians took part.

At the conference dinner Dr. Armistead told how the profession slumped after World War I and pointed to the progress which has been made since 1942. He said that within five years after the close of the war, 11 veterinary schools closed and that beginning with 1920 the number of practicing veterinarians in the United States and Canada declined every year until 1935. The number in 1920 (12,298) was not regained until 1942. He pointed out that between 1920 and 1942 the average age of practicing veterinarians in this country was well over 50 years.

Today there are 20 colleges of veterinary medicine in the United States, turning out about 900 practitioners every year. Applicants for admission to these schools outnumber the facilities.

Speaking of the conference, Dr. W. R.
SERVICE . . . to the livestock industry for the work in securing screwworm appropriations, state and federal, was recognized recently when Dr. Ben Plummer of Fort Myers, left, president of the Florida Veterinary Medical Association, presented that group's distinguished service award to J. O. Pearce, Jr., of Okeechobee, FCA president.

Pritchard, head of the department of veterinary science, Florida Agricultural Station, said, "it was a decided success, and I feel it has given the practicing veterinarians of the state and our department a better understanding of their mutual problems. This should aid materially in the control of animal diseases in Florida."

Floridians Buy at Creekland Dispersal

Florida buyers were among the top bidders at the recent Creekland Polled Shorthorn Dispersal at Clinton, South Carolina.

Smith Ranch of Winter Haven purchased three head for a total outlay of $1895, while C. R. "Jack" Hooker of Plant City bought two animals for a pricetag of $1125.

Smith purchased one of the top selling females in Creekland Broadhooks B, who brought a price of $975. She was sired by the $8000 imported-in-dam Camson Prince Bob, and out of a dam by Louada Developer.

Hooker purchased one of the better animals in the sale when he paid $650 for Augusta Belle. She had previously been purchased by Creekland for $1000 in the 1952 Indiana Polled Show and Sale.

The sale, termed one of the strongest of the year, saw 97 lots average $533 for a total gross of $51,665.

President Eisenhower recently approved S. 2937 which authorizes the Secretary of Agriculture to compensate producers for hardships suffered under the 1956 Soil-Bank program as a result of mistakes which occurred due to putting the program into effect too hurriedly. If interested, ask USDA for Public Law 85-413.

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Insist on DIXISTEEL for Known Quality - Known Value

You can buy anything for less—feed, seed, or fence. But it pays to know what you're getting.

When you buy fence, remember it is a long term investment and the fence itself represents only part of the total cost, with posts and labor coming in for a big share. Thus, the price you pay for DixiSteel Fence will be well worth it, because you will be buying known quality—your assurance of long-lasting fence to protect your investment. DixiSteel Fence is made in Dixie for Dixie farms—not in some unknown place for just anywhere. It is made from copper-bearing steel, carefully woven, and properly galvanized. It is sold only by reputable dealers who stand back of the products they sell, and who price those products fairly.

For known quality and known value—look for the orange and blue tag on every roll of DixiSteel Fence. It is your positive assurance of the best money can buy.

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Fence • Barbed Wire • Staples • Nails • Baling Wire

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DR. MACDONALD'S
AND SAVE MONEY

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for July, 1958
WL Bank Standard 8th Our International Congress Grand Champion Bull Sired:
Florida State Grand Champion Bull & Steer
Premier Shorthorn Bull
Premier Shorthorn Female

His Get Won the Following:
Premier Shorthorn Breeder
First Place in Every Major Show in Florida

FOR SALE
Sons and Daughters,
Females Bred to WL Bank Standard 8th

JACKLEN MERCURY MAY
Premier Shorthorn Female

Jacklen Farms
C. R. (Jack) and Lennie O. Hooker, Owners
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PUREBRED BULLS FOR SALE

Angus Shorthorn
Horned and Polled

We are trying to breed and produce the best Angus and Shorthorn Bulls.

A National Champion Polled Shorthorn Bull and a Horned Bull imported from Scotland and other good bulls bought from leading herds in the United States are used as herd sires on foundation breeding cows carefully selected from Scotland, Canada and United States herds. We make steers of all bull calves not good individuals of good vigorous bull characteristics.

We will be glad to help you with high quality Angus or Shorthorn bulls for either Purebred herds or Commercial herds. You will be proud and happy about the price received for the very first calves after using Quality Purebred Bulls!

COL. E. HOOD WILKERSON
120 North Orange Avenue
Orlando, Florida
Phone GA 5-1838

Cattlemen Tour Hendry County

APPROXIMATELY 250 business men, professional men, farmers and ranchers saw Hendry County's panorama of agriculture May 20 in the annual Farm Tour, sponsored by the board of county commissioners and planned by the county agent, Frank Polhill.

Two important speakers were on the program at the noon luncheon stop. J. O. Pearce, Jr., president of the Florida Cattlemen's Association, explained the screwworm eradication program, and B. Arnold, maintenance and operation director of the Central and South Florida Flood Control Project, explained the relation of those projects to the development of the area and told of plans for future work in Hendry County.

The tour started at W. B. Barron's L-3 Ranch, east of LaBelle, where improved pastures were shown, with herds of steers on Pangola-Clover pasture. Trial plots of various grasses were being tested for possible use in the area.

Witt Brothers tomato field was the next stop where excellent water control has been installed to grow tomatoes for the winter and early spring markets.

At Julian Dickson's modern dairy barn a Clay Milking Parlor was demonstrated. This equipment permits pipeline milking of from 60 to 70 cows per hour, with milk untouched from the cow to the tank in which it is sealed.

Sugarland Ranch's Charolais and hybrid cattle were shown in the ranch show barn and pens along the route through the ranch. S. L. Crochet, who manages the U. S. Sugar company ranch, was on hand to discuss the herd and the work being done in hybrid breeding experiments.

Following lunch, the tour was resumed with Atlantic Land and Improvement Company's beef cattle operation the features of the afternoon. The company has done extensive experiments with pasture grasses, irrigation and cattle breeding and feeding.

In 1957 more than 125 million head of meat animals were marketed through a variety of marketing agencies.
What's In A Breed?

MORE and BETTER BEEF Production Can Be Yours WITH SHORTHORNS!

We think it will pay you to investigate the beef-producing abilities that have been proven in the Shorthorn breed of beef cattle. They'll prove their value to you by utilizing Florida pastures to produce more pounds of beef and you'll appreciate their ability to raise the milk production in any beef herd.

If you are upgrading native cattle, you should be interested to know that some of the most successful commercial herds have been built by using good Shorthorn bulls. And purebred, grade or crossbred Shorthorns have been proven as good producers in the nation's feedlots.

By using Shorthorns in your beef producing operation you can market three months earlier and have 50 to 100 pounds more per calf at weaning time. Smaller heads at calving, 90 percent or better calf crops and resistance from pinkeye and other infections can all be yours with this great beef breed.

Shorthorns are the world's most useful breed.

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.

REMEMBER

For all-around superiority, whether it includes a cross breeding program, carcass conformation or just plain top-quality beef, Shorthorns are and will continue to be in first place.

FLORIDA SHORTHORN BREEDER'S ASS'N.

W. Y. Duyck, Secretary, Plant City, Florida
Performance Testing is Popular

Test of animals Urged by SGBI

by JIM COMPTON
Public Relations, Santa Gertrudis Breeders International

ROBERT FULTON’s steam engine was laughed at; there were those who said the Kitty Hawk would never get off the ground, and a few years ago there were beef cattlemen of long standing and repute who disdained the idea of performance testing, exclaiming that nothing could be substituted for or supplemented to selection based on “good old eye-ball calibration.”

Today disclaimers of performance testing are sitting on the bench, hopeful of getting into the game and obtaining recognition, stating that their previous provocations have been shown to be di-lapidated and that they now want to carry the ball.

The increasing demand by commercial cattlemen for performance tested bulls has flung all doubt aside as to the value of this program, and in as much as the commercial cattleman dictates the flux of the bull market, there is strong indication that performance testing has “come into its own” and that it will now tremendously influence the success or failure of many bull purchases. This leads to the conclusion that the purebred breeders who continue to disregard performance testing are going to be water boys all of their lives and will probably not have the opportunity of playing on a winning team.

Pedigrees and registration papers are necessary, but to base an animal’s ability on these alone is rapidly reaching the stage of “sheer nonsense.” Additional information concerning an animal’s ability to gain rapidly, the ability of its sire and dam to gain rapidly, the ability of its offspring to gain rapidly, plus other aspects offered through a wise testing program, is rapidly replacing the sole use of pedigrees and registration papers as selling points. More and more emphasis is being put on measurable statistical facts.

Santa Gertrudis breeders, while by no means claiming sole responsibility for the rapid climb in performance testing popularity, do lay claim to having had a major role in its acceptance in the last few years. These breeders, all forward looking men who are pioneering with a new breed, have for more than seven years given credence to performance instead of mere “say-so.”

Since its instigation, Santa Gertrudis Breeders International has required that all animals of the breed be visually appraised and meet the requirements of the standard of excellence for the breed before being acceptable to the Association. Pedigrees play little part here. A bull may be the son of a sire which was grand champion at shows all over the country, but he must still be inspected and passed by an official Association classifier before being accepted and recorded.

In line with this thinking, SGBI has continually urged its members to performance test their animals, with satisfying response. In all rate of gain tests in which Santa Gertrudis animals have been entered to date, they have either led the tests or been right up there among the leaders.

In six performance tests this spring in Florida, Texas, Georgia, Mississippi, and Alabama, the only tests where Santa Gertrudis were entered, Santa Gertrudis bulls were the top gainers five times, and second once.

In accordance with its belief in performance testing, SGBI has set up an Association Performance Testing Program, which will include not such tests, provided the animals in question later are classified by the Association. Recently, the SGBI membership unanimously adopted a Herd Improvement Program, which will include not only the already established rate of gain test, but also an “on the ranch” weaning weight and yearling rate of gain test.

Nobody recognizes more rapidly than Santa Gertrudis breeders that the visual approach in animal selection is of indeterminate value. SGBI continually recommends to its members that selection be made on the basis of performance testing results, conformation, fleshing quality, gentleness, and all of the other desirable characteristics of a beef animal, as outlined in the standard of excellence. This method of selection is paying off for Santa Gertrudis breeders, making it possible for them to demand, and get, premium prices for seed stock—seed stock that can be depended upon to produce plenty of desirable beef economically, in commercial herds.

This combination of performance results and superior qualities is also making it possible for Santa Gertrudis breeders to make first downs in succession in a game where everybody wants to carry the ball. These first downs can be measured in terms of breed popularity and rapid distribution to most of the major beef producing areas of the world.

Breeders are sitting on the bench, hopeful of gaining as their score even greater success of being unable to go for the touchdown—gaining as their score even greater demand for their cattle.

Beef Council Receipts Told

FLORIDA BEEF Council received $1,442.70 during May, which built up its $10,753.33 bank balance to $12,196.03

But expenses amounted to $6,796.77 leaving a balance of $5,399.26 of which $144.27 is owed to the National Live-stock and Meat Board, and $288.54 to the National Beef Council, according to a recent report.

Expenses for May were: National Livestock and Meat Board, $57.60; National Beef Council, $115.88; Ledley Wear, refund on trip to Denver, $278.79; Herzberg’s display cover, $10.30; R. Elmo Griffin, postage, $4.58; George Young, trip to Denver and Washington, D. C., $535.60; Ledley Wear, express on Display, $2.50; Louis Benito, advertising, $5,791.18.

Receipts were: L. Maxcy $17.60; Gainesville Livestock Market $166.06; C. Mangin $11.60; David P. Sawyer $5.00; Kissimmee Livestock Market $355.40; Glades Livestock Market $349.40; Okeechobee Livestock Market $84.30; Lykes Brothers $111.40; A. C. Wright $17.20; Okeechobee Livestock Market $69.30; Gainesville Livestock Market $254.90.

USDA reports that the per capita consumption of meat in the U. S. last year was about 159 pounds.
Keep an Eye on us in the FUTURE

Our Senior Herd Sire "BILL"

Although we are relatively new in the Santa Gertrudis business, we have already started a rigid culling program of our brood matrons. In order to reach our goal of "nothing but top-quality cattle," we have been, and will continue to "keep the best and beef the rest." Only with this type of program can we reach the ultimum in beef cattle production.

A Group of our Santa Gertrudis Females

Our Santa Gertrudis herd now has a number of top-quality bulls and females, but within the next few years we plan to expand our herd to 1000 head of classified females. We chose Santa Gertrudis because we believe they are the coming beef cattle in Florida . . . cattle that will produce more beef on the range without being pampered. We invite you to stop by and look our herd over.

STUD FEE
$75.00
With Return Privilege

Sonny Cooke P-16,115

McDAVID FARMS
Fred McDavid, Owner       Phone 2780
Box 25                Brooker, Florida
PANULETA BULLS ARE BETTER
Both in the Show Ring and as Prepotent Breeding Sires!

Our excellent show ring record speaks for itself, with Georgie Porgie (the bull pictured above) leading the current parade by being the "winningest" Santa Gertrudis bull in the state during the last show season. He's now in the process of proving his worth as a sire.

We think the Santa Gertrudis breed has proven itself as the answer to a lot of Florida's cattle production problems and our detailed production testing program has proven to us the value of Panuleta sires. Drop by soon to select a Panuleta-bred sire for your herd and use our production testing records as a guide to your selection.

Rate of Gain and Conformation are Important to You

PANULETA FARMS
ARThUR PANCOAST, Owner, Miami Phone Wilson 7-4662
CHARLES WOLF, Herdsman, Delray Beach Ph. CRestwood 6-5760
Office located 10 mi. north of Miami, 2 mi. west of U. S. 1 at 752 NE 168 St., Uleta Ranch located west of Delray Beach, 1 mi. South, on Military Trail

CHARTER MEMBER: SANTA GERTRUDIS BREEDERS INTERN'L; FLORIDA SANTA GERTRUDIS ASSOCIATION

Certified and Accredited Santa Gertrudis
SABABO RANCH
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SARASOTA, FLORIDA

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R. D. KEENE . . . and Winthrop Rockefeller pose with the top-selling bull and female in the recent Winrock Farm Santa Gertrudis sale.

$11,000 SG
Bought by Keene

The WORLd record price for Santa Gertrudis females was shattered recently at the Winrock Sale, Morrilton, Arkansas, when R. D. Keene of Orlando paid owner Winthrop Rockefeller $11,000 for a two-year-old heifer in Winrock’s first production sale.

The price almost doubled the previous existing record of $6000, itself set only a short time ago at San Antonio, Texas, when Robert J. Kleberg, Jr., president of the King Ranch, purchased a cow and calf lot for this amount from R. W. Briggs, Sr., in the annual Pioneer Santa Gertrudis Breeders Sale.

The $11,000 heifer, Helen K, was from the Winrock Farm show string and is the holder of several blue ribbons. The price paid for her equaled the price paid for the highest selling bull in the sale, also purchased by Keene, for $11,000. He was the sale’s leading buyer, paying $56,000 for one bull and nine females.

A total of 39 Santa Gertrudis were sold for $170,400, an average of $4370. 20 bulls brought $97,300, for an average of $4865, and 19 females sold for $73,100, an average of $3895.

Keene, who only recently sold a large tract of land and his entire herd of Santa Gertrudis cattle, will with this purchase, again join the ranks of Florida Santa Gertrudis breeders. Before selling his cattle, he had one of the better herds of Santa Gertrudis in the state.

The newly purchased animals are reported to still be at the Arkansas farm, but it is believed they will soon be transported to Keene’s new ranch which is located near Kissimmee.

The nation’s livestock markets handled a gross volume of approximately 106 million head of all species of livestock during 1957, according to annual salable receipts compiled by the American National Livestock Association.
With Santa Gertrudis—"The Cowman's Cattle"

With BEEF as our primary objective, we're proud of the results that we have obtained here at Palmer Ranch in producing growthy beef animals—the type that can offer you increased beef production profits.

The Santa Gertrudis breed and efficient ranch management have been the two primary tools in our program of producing the best beef animal available in Florida today. Our progress is carefully checked and recorded regularly by our established production testing procedures. We're happy to say that we know we have a good breeding program. No guess-work is involved!

We save only the best of our bull calves for use as breeding bulls—about 15 percent! If you are the kind of cattleman that is interested in the growth and quality you'll get as a result of our careful bull selection, we believe that we can provide you with the kind of bull that you need to add that extra weight and profit to your calves.

Come to See Us . . . You Are Always Welcome

Certified and Accredited Santa Gertrudis

Palmer Ranch, Sarasota, Florida

P. O. Box 1480

Phone Ringling 6-1106 or 7-3430

CHARTER MEMBER: SANTA GERTRUDIS BREEDERS INTERNATIONAL AND FLORIDA SANTA GERTRUDIS ASSOCIATION
You will find that the top hand in your beef cattle operation is a Santa Gertrudis SIRE.

Visitors are always welcome.

S. E. Thatcher
Miami, Florida
Ranch at picnic, 18 miles south of Plant City in Hillsborough County
L. P. Keen, Manager
Charter Member: Santa Gertrudis Breeders International
Charter Member: Florida Santa Gertrudis Association
Recorded Herd No. 55

FLA. SANTA GERTRUDIS ASSOCIATION
Z. H. Patterson, Sec., P. O. Box 447, Bradenton, Florida

The Santa Gertrudis breed offers you extra pounds at market, resistance to heat and pests, ruggedness, hardiness, increased milking ability, gentleness, as well as quality for higher grading carcasses. If you're interested in these qualities in your cattle, write for further information and a list of Santa Gertrudis breeders in your area. Sale toppers in every Florida Bull Sale entered—proof of superior profit-making ability.

At Panuleta... SG breeders saw these cows and calves when FSGA held its field day there in early June.

Koger Speaker At SG Field Day

A classification demonstration and tours of both purebred and commercial Santa Gertrudis herds were highlights of the Florida Santa Gertrudis Association's annual summer field day held at Delray Beach on Friday and Saturday, June 6 and 7.

The event got underway at 1:30 on Friday, June 6 with the classification demonstration conducted by Frank Leigh, official classifier for Santa Gertrudis Breeders International, whose headquarters are in Kingsville, Texas.

Following the demonstration, which was held at J. Arthur Pancoast's Panuleta Farms, the group proceeded to L. E. Hagen's Ranch for a social hour and steak barbecue. Last item on the day's agenda was a short association business meeting which was conducted by President Charles Dempsey of Sarasota.

Principal speaker was Dr. Marvin Koger of the University of Florida who discussed production testing of bulls and the gain in weight factor. SGBI President John B. Armstrong of Day's Bend, Alabama, also made some remarks to the group and the main item of association business was a discussion of entries for the forthcoming service age bull test to be held at the Brooksville Experiment Station.

On Saturday morning the group toured both Panuleta Farms in the Delray Beach area and then proceeded to Dewey Hawkins Ranch near Fort Lauderdale to view the results obtained by the use of Santa Gertrudis sires on commercial cows.

Vibriosis Tested

In a recent test on bulls with vibriosis it was found that treatment with either an antibiotic infusion of two mg. of streptomycin and one million units penicillin in an oily base, or one hundred ml. of a cream with the same amount of antibiotic cured them of the vibri infection. The infusion or the cream were put into the prepuce, massaged for one minute, repeated every 10 minutes for one hour. This treatment was given once daily for three days, according to a report from AGRADATA.
S I R E S
That Produce

Bull-power is an important factor to purebred breeders whatever the breed. In our two leading herd sires, DUKE No. 11 (who sired the growthy calf above) and BIGHORN No. 8, we believe we have two of the best Santa Gertrudis sires in Florida. The son of Duke pictured above is Velbertan's Duke, calved January 16, 1958. On March 21 he weighed 230 pounds. Frankly, his gain in weight since then has been so spectacular it approaches the unbelievable—but we would be glad to put him on our scale and weigh him for you at any time. Velbertan's Chico, calved January 12, 1957, and a son of Bighorn, weighed 1430 pounds when weighed on June 4, 1958. Both these bulls, like their sires, are excellent in conformation as well as gain-ability. VISITORS ALWAYS WELCOME.

Velbertan Lake Ranch
MR. AND MRS. W. W. LEAVINE
Leonard Godwin, Herdsman Phone Tampa WEbster 0-2881
Box 178, Odessa, Florida
RANCH LOCATED ON BOY SCOUT ROAD, THREE MILES FROM THE ODESSA POST OFFICE

Santa Gertrudis
With Size
With Quality

Today's better pastures demand cattle which can use them to best advantage. With a carefully selected cow herd . . . with bulls like "SAM" (bred by Worth Wright of Kingsville, Texas), pictured above . . . we are making our pastures pay off. Visitors are always welcome. We'd like the chance to show you just what we're doing.

FOR SALE—Four two-year-old bulls, 10 yearling bulls.

HARLEY WATSON
PHONE WAlnut 8-4591
CATTLE LOCATED 3 MILES EAST OF ARCADIA
ARCADIA, FLORIDA
GOVERNOR COLLINS ... helps himself to a generous serving of “Steak Floridian” at a Father’s Day dinner in his honor. The recipe won first in the Florida Beef Council’s second beef recipe contest. Seated, from left, are: Mrs. Collins, Jane, Darby, the Governor and Mary Call.

Governor Eats Winning Beef Recipe Father’s Day

Governor LeRoy Collins dined on “Steak Floridian” on Father’s Day. That was the winning recipe submitted by Mrs. F. R. Dickinson of New Port Richey, in the Florida Beef Council’s second annual recipe contest. Mrs. Dickinson received a check for $100 as the top prize in the statewide contest. She previously won $20 in a local contest co-sponsored by the Tampa Tribune. Mrs. Thomas A. Rodenberg of Hollywood won second place and $50 for her “Beef Stroganoff” recipe, entered through the Fort Lauderdale News. Third place and $25 went to—of all things—a man, Sam J. Huber of Fort Pierce. Mr. Huber won the local contest co-sponsored by the Miami Herald before advancing to the state finals. Honorable mention awards and $10 each went to Mrs. D. M. Snyder of Tallahassee (Tallahassee Democrat), Mrs. Thomas of St. Petersburg (St. Petersburg Times), and Mrs. Joseph V. Dell of Orlando (Orlando Sentinel-Star). Judges in the state contest were Mrs. (Continued on page 90)

Frits New Mineral Medium

“Oh, enjoying a cold drink, grind up that pop bottle and feed it to your flowers! Of course, this suggestion is not intended too seriously, but we have found that pulverized glass furnishes nutrients in such ways as to keep plants vigorous and productive. Adding plant nutrients to glass for the purpose of making fertilizer is something new but shows promise of solving one of the most baffling problems of nutrient supply in Florida soils.”

So writes H. W. Wrisner and J. G. A. Fiskel, assistant chemist and associate biochemist, University of Florida, Gainesville, in describing tests on Fritted Trace Elements—FTE or Frits for short—a slowly soluble glass containing iron, manganese, copper, zinc, boron and molybdenum in amounts and proportions to meet the needs of most plants over an entire season of growing.

Because the trace elements contained in FTE are slowly soluble, enough may be applied initially to last all season without damage to small, tender plants in the early stages of growth. Multiple, small applications are avoided. It may be used on any rotation without danger to succeeding crops. Since FTE is in the physical form of fine sand and “weathers,” or decomposes slowly, it remains where it is placed in the soil and does not leach nor waste away with heavy rains, according to experiment reports. It doesn’t react with the soil and its trace elements cannot precipitate out in unavailable forms.
McDavid Builds SG, Horse Herds

A. F. “Fred” McDavid recently moved from Pompano Beach to Brooker and brought with him what is believed to be the first herd of Santa Gertrudis in Bradford county.

McDavid, who was in the dairy business at Pompano Beach recently sold all his holdings in that area and moved to Brooker which is located about 15 miles north of Gainesville. The ranch is situated on 2000 acres of land two miles west of the small community.

Part of the ranch is cleared and planted to improved pastures and as McDavid points out, he plans to clear more land and plant grass for the “big red” cattle.

When asked why he chose Santa Gertrudis over other breeds, McDavid says that through trials and breed comparisons, he has found that Santa Gertrudis on grass just naturally do better than most other cattle. He believes that more and more they will attract the attention of the Florida commercial cattlemen.

The herd now numbers about 55 head with a number of the animals being classified and many more eligible for classification. Within the next few years, McDavid plans to increase his herd to 1000 classified brood matrons.

In addition to the Santa Gertrudis, McDavid recently purchased a registered Quarter Horse stallion from Texas. The stallion, Sonny Cooke, will be used to breed some of McDavid’s own mares, while his main purpose will be to render stud service to other breeders.

McDavid is also constructing a new home, which overlooks the Santa Fe River. The brick veneer, ranch type house contains six bedrooms and six and one-half baths, with an outdoor swimming pool.

FRED McDAVID... poses Sonny Cooke, his registered Quarter Horse stallion, at his Brooker ranch.

Bandoliermere R. G. 100th (1716671)

We feel fortunate in the acquisition of this proven young sire from our neighbor, Jim Farquhar of Gulfstream Farm. He will be bred to our growing herd of purebred Angus which now numbers forty head, including ten top daughters of Moe’s Hill Eileenmere 79th.

His pedigree is unique in that his dam is the 1947 International Champion Cow and his sire is an International winning son of the immortal Eva’s Bandolier Lad.

BANDOLIERMERE R. G. 100th 1716671
Calved January 5, 1953

MILEAWAY FARM
J. M. Dowerman, Owner, Phone WA 2-4139, 1429 Plunket, Hollywood, Florida

Four Centuries of Florida Ranching

310 pages ... Illustrated ... Cloth Bound ... Originally Published in 1940 this book is still the outstanding authority on beef cattle in Florida ... More than 3000 copies sold at the original price of $3.00 ... An excellent gift ... A must for your own library. CODY PUBLICATIONS, INC., Box 891, Kissimmee, Florida.

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FRITS is a slow soluble, easily controlled, properly balanced source of all trace elements necessary for proper plant nutrition. Tested in Florida for Florida conditions. Write for official Florida Agricultural Experiment Station reports.

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Now Available Commercially in Florida. Order through your fertilizer dealer, or direct from

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431 Langholm Drive
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THE RIGHT SIRE That Will Improve And Upgrade Your Herd is Necessity

Angus association recommends study of bull's background to find dominant characteristics in which your herd lacks as one point in herd sire selection

by JAMES TANDY
Assistant Public Relations Director, American Angus Association

COMMERCIAL CATTLEMEN and purebred breeders realize, as never before, that bulls are potentially the masters of their herd; they are either superior, and build the herd, or they are inferior, and tear it down. That is why with today's competition a breeder can't observe complacently and expect it to improve with mediocre bulls at the helm. Today commercial cattle raisers are becoming more interested in the same kind of bull. With this interest then the object is to find the Angus sire that will improve or upgrade the herd. To accomplish this the breeder is primarily interested in obtaining a bull that closely resembles his sire. The bull must be correct in his lines and have the size and quality to enter all kinds of herds and improve them. Good quality bone is necessary to maintain the strength throughout the herd and to maintain the size. Angus bulls, regardless of climate or terrain, have proved this in all sections of the country.

A Florida rancher selecting an Angus sire knows where his cow herd needs improvement. Realizing this he must choose an Angus bull that is correct in type and is dominate for the characteristics his herd lacks. Therefore, it is imperative that the breeder study the background of the prospective bull and see where he is dominant. He should analyze the first three generations of the pedigree because invariably this is where the strength lies. Also, a thorough check of the mother and sire of the bull is important. Seeing the herd bull prospect on several occasions and under varying conditions may focus a new light on his possibilities as a herd sire.

The Angus bull the breeder selects is going to sire a lot of calves. Therefore, the prospective bull buyer should avoid extremes in type. This means he should look for a bull that is low-set, wide, deep and straight in his lines with pronounced masculinity. When selecting an Angus herd bull, don't wait until you really need a bull. The wise cattlemen buys the bull when he finds the one that will do the right job for his herd. If he finds a bull calf and he meets the qualifications, his purchase should be considered. If you see a bull that is a proven sire and you know he has the characteristics that will help your herd you should be interested in buying him.

The breeding or inheritance of a calf can give him only potential greatness. Once he has become a member of a herd it is up to feeding and management to develop him. The development of young Angus bull prospects is one of the most important parts of the breeding program. The usefulness of the bulls, how well they get over the country and their fertility, depends to a great extent on how they are handled from weaning time until they are ready for service. They should be fed so that they grow and develop well and they should get a lot of exercise. A good way for them to get proper exercise is to run them in groups and on pastures. The exercise develops a better constitution which helps fertility.

For the commercial breeder who is crossing or planning to cross Angus bulls on his cows he will find them unsurpassed for improving the beef-making qualities of all cattle. Good registered Angus bulls improve the beef type, impart early maturity, increase the weight and improve the fleshing quality of all crossbreds. These bulls are active and prepotent and are known to sire more than their share of the calves when run with bulls of other breeds.

Angus bulls are the most efficient dehorners known. When mated with the major horned breeds, Angus bulls will breed off 95 percent or more of the horns. No other beef breed has this prepotency because Angus is the only beef animal that is naturally hornless.

The principle fact that appeals to the breeder is that Angus command a premium price when sold as feeders or direct to the packer. Angus appeal to the buyer first because of their uniformity of color and quality. Profitable feeder cattle must make economical gains and attract the packer buyer when finished for market. Angus bulls will do the most to help accomplish a profitable finish that all breeders desire.

Grubicides Reported

Two new systemic grubicides have been approved for use in the control of cattle grubs, reports Livestock Conservation, Inc. Those approved for field use now are Trolene (ET-57) produced by Dow Chemical Company and Co-Ral (Bayer 21/199) manufactured by the Chemagro Corporation.

THE ANGUS BULL . . . is widely accepted in Florida as a top beef producer. This photograph shows an outstanding individual and was furnished by the American Angus Association.
it pays to keep your eye on dundee ranch!

It's herd sires such as these that produce quality cattle year after year.

KINLOCHIAN 9851st Famous son of Black Knight 98 of A.V., a champion every time he has shown.

KINLOCHMERE 68 His outstanding Eileenmere breeding gives him beautiful scale, width, and depth.

BLACK KNIGHT OF DUNDEE A brother and perfect complement to 9851st, his outstanding blood lines place him in a preferred position.

Certified T.B. and Bangs tested herd

You're always welcome at

Dundee Ranch
Lake Fern Road • Lutz, Florida • Ph. Tampa Webster 9-5201
RALPH J. and GWEN CORDINER, Owners • CHARLES M. MOORE, Manager

Meet the 'Boss'...
Mole's Hill Eileenmere 145th
...He's doing a job!

Yes, he's doing a real job—Mole's Hill Eileenmere 145th, the herd sire we purchased a year ago from famed Mole's Hill Farm of Sharon, Connecticut. Only two years old when the pasture photo above was taken, he is being bred to our top brood cows. A good keeper, the photo shows clearly the width and smoothness of this fine sire. Stop by to visit with us soon.

Reynolds Ranch
Route 2, Box 229-C
BARTOW, FLORIDA
F. W. Reynolds, Owner, Phone 2-5053

RANCH LOCATED ON REYNOLDS ROAD, APPROXIMATELY 3 MILES SOUTH OF LAKE GARFIELD
'Jago' 10 of Sun Lake

ABERDEEN-ANGUS—The tops in cattle.

In the past three months we have had very successful sales and we believe satisfied buyers of registered Angus brood cows, many with calves at side and rebred as well as young bulls ready to go to work. Twelve ranches in Florida are represented in these sales.

We have picked out five bulls to offer for sale out of our bull pasture that we feel are qualified in every way. Average age 24 months, average weight 900 pounds. These bulls are all calfhood vaccinated and out of our accredited Brucellosis and T.B. certified herd. Priced at $350.00 each. Excellent pedigrees. Are also offering six brood cows, four with calves at side, and all bred. Top blood lines. Priced at $300.00 per head.

We always deliver free to your ranch in lots of five or more adult animals.

RBK Farms
William D. Richards, Manager
Charles B. Plummer, D.V.M.
Brucellosis Accredited Herd No. 426
Tuberculosis Accredited Herd No. 6-57

See Our Off The Grass Consignment

Arky Rogers with our herd sire prospect, Ankonian O. B. of Circle R. He's a good son of Ankonian O. B. 13th, the 1955 International Grand Champion.

WE ARE CONSIGNING 12 YEARLING HEIFERS to the Angus Off-the-Grass Sale which will be held August 16 at Ocala. These animals are the beefy, rugged type that will help you produce better calves. We extend you an invitation to look at these good heifers over carefully.

We Always Have Bulls For Sale

Circle R Ranch
George D. Rogers, Owner, Phone 471-J-1, R.F.D. 3, Box 118
LAKE CITY, FLORIDA
RANCH LOCATED SEVEN MILES SOUTH ON U. S. 41

Marketing Tips Given By Koger

SINCE SPRING is the best time for calves to be dropped, usually there is an excessive number of calves ready for market in the summer, and this depresses prices, according to Dr. Marvin Koger of the University of Florida. He suggests a profitable practice that was tried at the University's Beef Research Unit.

When weaning calves, place on full feed in dry lot for about 200 days, and market as baby beef or lightweight steers averaging 775 to 900 pounds at slaughter. For best results, calves should weigh at least 450 pounds at the beginning of the feeding period and should be fed a good high energy ration. A value of 20 cents per pound was realized after subtracting feeding costs from the gross scale value of the finished steers. This was about four cents more than the calves could have been sold for.

Another profitable system was to graze steers on good pasture for a year following weaning and sell as feeders or grass-fat cattle. Grazed on good clover-grass pasture, steers gained an average of slightly more than 300 pounds and were worth about 16.2 cents per pound on September 1. This was slightly more return than could have been obtained from cows and calves on pasture.

H. W. Reynolds Died In Bartow May 27

H. W. REYNOLDS, 65, a life long resident of the Bartow area, passed away in his home May 27. Reynolds was the first mail carrier for Alturas area, carrying the mail from Bartow on horseback.

Later he became one of Polk County's first school bus drivers prior to the establishment of the county school bus fleet. For the past eight years Reynolds has been engaged in the cattle business, operating Reynolds Ranch near Lake Garfield, with his son, Floyd. The ranch maintains a herd of registered Angus.

Besides his son, Reynolds is survived by his widow, Mrs. Annie Tew Reynolds, and one daughter, Mrs. Charles B. Wiggins of Tampa.

Burial was in Gandy Cemetery.
One of the strongest herd bull batteries, not only in Florida, but in the entire Southeast!

They’re Styled for Beef

The First Prize Summer Yearling, 1953 International Livestock Show

Homeplace Eileenmere 999-35th 1150941
MOLE’S HILL EILEENMERE 79TH 1686028
Bethel Blackbird 57th 1163280
MOLE’S HILL EILEENMERE 79TH 1686028
Calved May 5, 1952

The Reserve Junior Champion, 1957 International Livestock Show

Whitneymere 1553688
WHITNEYMERE 512 2329706
Calved January 20, 1956
Whitney Blackcap Fandie 102d 1643879

BREEDING STOCK AVAILABLE AT PRIVATE TREATY AT ALL TIMES

Gulfstream Farm
Mr. & Mrs. James Farquhar
FORT LAUDERDALE, FLORIDA

El Clair Farm
P. E. Fitzpatrick
Announcing The...

**Private Treaty Dispersal of**

**472 HEAD OF FEMALES**
Including 352 cows of breeding age and 124 long yearling open heifers. Calves by side included, all cows are being pasture-bred, majority will be 3-way package.

**29 BULLS OF BREEDING AGE**
Excellent Bandolier-Bardolier bull battery, proven sires included

SELLING AS A COMPLETE LOT OR IN GROUPS OF 32, EACH WITH A HERD SIRE

Truly A Rare Opportunity, For They Are Priced To Sell!

---

**OUR BRANGUS HERD ALSO SELLS**

117 FEMALES
1/4 bloods, 1/2 bloods, and full-blood Brangus

34 BULLS
1/4 bloods, 1/2 bloods, 3/4 bloods and full blood Brangus
Selby Ranch Angus Herd!!

Top Producing Angus Unit

The Selby Ranch management staff was fortunate in obtaining a select group of foundation females when the herd was initiated 10 years ago. During the last 10 years a strict selection program has been practiced and, consequently, the present herd is composed of the “cream of the crop” after 10 years of selective breeding with the service of some of the best Angus herd sires that were obtainable.

The plentiful supply of good improved pasture, plus supplemental feeding when needed, has kept the herd in top physical condition. All animals that have shown any signs of breeding problems have been culled from the herd and sold for beef.

The good conformation of Selby Angus is evidenced by our 1956-57 show record when our animals scored a clean sweep of The Florida Cattleman’s Premier Awards for all livestock shows held in the state.

CONTACT DON B. NEWBURN

Phone Ringling 7-2147, P. O. Box 1505, Sarasota, Florida, or Dick Flynt, Cattle Superintendent, at the Ranch
Angus Herds Now Being Classified

First considered over a year ago, a new program of voluntary classification of Angus cattle has been carefully set up and is now available to members of the American Angus Association. The program is being viewed with strong interest by many Florida breeders.

Five official classifiers of the herd classification program have been appointed, according to Lyle Springer, classification supervisor of the association. They are Dale Fletcher, Pine Plains, New York; John Lathrop, Blandford, Massachusetts; Bill McSpadden, Chilhowie, Virginia; Joe Graham, Goshen, New York; and Fred Francis, Wilmington, Illinois.

These men, with their years of beef cattle experience and their training as classifiers, will put into practice on a national basis, the voluntary system inaugurated by the association. They will use the official score approved by the association board of directors after careful testing and study. The card is broken down into three general scoring divisions—general appearance, beef character and breed qualities.

These divisions are still further broken down as follows:

- **General appearance (total 30 points):**
  - Type 14 points
  - Size 10 points
  - Quality 6 points

- **Beef character (total 50 points):**
  - Shoulder and chest 8 points
  - Rib and back 10 points
  - Loin 10 points
  - Rump 10 points
  - Thighs or rounds 12 points

- **Breed qualities (total 20 points):**
  - Feet and legs 12 points
  - Head and neck 8

Only registered animals owned by members of the national association will be classified, and all must be over 15 months of age to be eligible. When a

NEW OWNER . . . for this 4-H Champion is the Walking K Ranch of Cocoa. Bull was purchased from Billy Kinney of St. Cloud. At the halter is, Warren, the youngest of the three Cowart brothers and dad who own the ranch.
CLASSIFICATION... program recently initiated by American Angus Association is based on the association's official score card.

Breeder contracts to have his herd classified, all animals over 15 months of age must be presented for classification, and on succeeding classifications, all animals not yet classified and over 15 months of age must be classified. Animals which have been previously classified may be presented for reclassification at the discretion of the owner.

No female can be classified over 90 until she has produced two calves, and no bull over 90 before he is 24 months old. When animals previously classified are reclassified the inspector is to be given the classification rating on each animal and he may raise or lower this classification according to his judgement, or leave it unchanged. Herds classified shall not be reclassified by the previous inspector.

Classification fees on a herd of 25 animals or less has been set at $2.00 per head. Over 25 animals the fee is $1.50 per head. The minimum fee is $25.00 per herd.

Local association or groups may arrange for any number of their member herds to be classified at one time. Local arrangements must be made for the travel of the inspector. The fees for herds classified in groups will be $1.50 per head where a minimum of 75 animals are classified. On each animal over the 75 head minimum 50 cents of the fee will be returned to the local group arranging the details.

While herd classification is not new in the livestock industry, the Angus program represents the first time a major beef breed has taken such a step. As it affects the Angus breed, herd classification is the separate appraisal of each individual in the herd on the basis of the official score card.

When herd classification was presented to the association directors by Dr. R. H. Nelson, Michigan State University, for discussion, the board saw the need for much study before the program could be offered as a service to the membership.

H. H. Kildee, dean Emeritus of Iowa State College, reviewed the work of the dairy groups. He pointed out that the Angus breed has been improved by men who have emphasized utility characteristics.

for July, 1958
**“BEEF-UP” YOUR HERD WITH CONSISTENT CARCASS WINNERS PROVEN BEEF PRODUCERS**

Put Your Operation in the

| NOLAN C. ACREE | Ft. Meade |
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| L. W. CHAMBERLAIN | DeFuniak Springs |
| W. T. CHAMPNEYS | Apopka |
| CHOCTAW RANCH | DeFuniak Springs |
| CIRCLE R RANCH | Lake City |
| RODNEY COLSON | Plant City |
| JOHN B. COMBS | Ft. Lauderdale |
| J. S. COOPER | Lakeland |
| ROBERT COOPER | Sarasota |
| J. T. COWARD | Lakeland |
| R. D. CROOM | Bartow |
| C V RANCH | Palmetto |
| S. P. DAUGHTRY & FAMILY | Wauchula |
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30 Cows with calves at side
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A herd sire in his own right, with grand champions to his credit. He is a son of the Great Eileenmere 487th, the Wonder Bull.

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For information on cattle, or membership, contact Carl O. Parker, Fieldman, 3858 Mathis, Macon, Ga.

Angus Ass’n ‘Off-Grass’ Sale Slated

FOR THE first time in the history of the Florida Aberdeen-Angus Association’s annual “Off-the-Grass” sales both purebred and grade Angus cattle will be offered when the association holds its seventh annual sale Saturday, August 16, at the Southeastern Livestock Pavilion just northeast of Ocala on Highway 301.

Entries for the sale are now being accepted by B. E. “Bud” Cook of Haines City, chairman of the sale committee, who will manage the sale. Other members of the committee, who can also furnish information on the sale, are Wilson S. Isherwood, Bradenton, and Charles Moore, Lutz.

To be acceptable for consignment to the sale grade animals must be black, polled and carry definite Angus characteristics. Cows, cows with calves at side, bred and open heifers and a few bulls will be offered by the breeders.

Purebred entries will be accompanied by registration papers for transfer to the purchaser.

“The demand for Angus cattle, both from purebred breeders and commercial cattlemen, increases every year,” said Cook. “It is the policy of this association to gather cattle together in a central location to make them more readily available to these cattlemen—all in one location without the necessity of traveling many miles to get the number and type of animals desired.

Further information and catalogs may be secured by writing B. E. “Bud” Cook, Box 36, Haines City.

Tucker, Smith Buy Orlando Mart

NEW MANAGEMENT at the Orlando livestock market resulted from a mid-June transaction in which Gilbert Tucker of Cocoa and Al Smith of Orlando arranged to buy a controlling interest in the Mid-Florida Livestock Market from Carl Barber of St. Cloud.

Tucker will be manager, with particular responsibility for handling the cattle, while Smith, as assistant manager, will have primary responsibility in the office.

“We will make changes as needed to improve the service of the market,” Tucker said, “but we will be particularly interested in maintaining the present reputation for honesty and fairness built up by Mr. Barber and his co-workers.”

Barber said the change was dictated by his desire to get away from active work at the market, and turn the operation over to younger men.
HERD SIRE . . . for Curtis Hughes of Ellenton is this bull, Kinlochian 9872.

PDQ Research Progress Made

Higher levels of mineral and vitamin fortification, the results of research and many field tests, are now being mixed into P. D. Q. Supplements, manufactured by P. D. Q. Company of Lakeland.

This stepped up fortification is designed to aid the feeder to get better production results through more complete utilization of the grasses and other livestock food sources found in Florida. The company, assisted by the Department of Research and Control of Vit-A-Way, Inc., Fort Worth, Texas, has run many tests on the value of the elements consumed by the cattle, and later, tested the blood of the cattle to determine what uses have been made of the feeds and water.

According to the researchers, these tests reveal that in order for cattle to get enough of certain required nutrients from native sources they would have to eat more than they could hold. This problem is more severe in the fall and winter months. The new P. D. Q. formula, the results of these studies, has been mixed to supply many of the nutrients and help lower the cost of supplemental feeds through better utilization of the available grasses and roughages.

Variety Aids Diet

One simple rule—eat a proper variety of ordinary feeds—is the basis of good nutrition. Using this rule, USDA nutritionists have developed a new daily food guide that everybody can use. Called "Food for Fitness" it's presented in a colorful leaflet showing how easy it is to choose foods for well-balanced meals. Single copies (Leaflet 424) are free on request from the Office of Information, U. S. Department of Agriculture, Washington 25, D. C.

An added daily gain of nearly one-fourth pound was realized on 226 heifers by the use of a systematic grub control in a test recently completed in Kansas.
**SEVENTH ANNUAL ANGUS OFF-THE-GRASS SALE**

Grades and Purebreds in Quantity!

SPONSORED BY THE FLORIDA ANGUS ASS'N

SE Livestock Pavilion

OCALA, FLA.

BEGINNING 1:00 P.M.

SATURDAY

August 16 1958

B. E. "Bud" Cook
Sale Manager
Box 36, Haines City, Fla.

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**FLUOROSIS—Polk Cowman Sues Phosphate Companies**

Courts, new commission, local committee all to work on problem of whether fluorine poisoning comes from triple-super plants

Is fluorine gas from Polk County's superphosphate plants wiping out the cattle industry in western Polk County? The answer to that question is now being investigated on three “fronts”:

- Doyle M. Acree of Fort Meade has filed suit against eight phosphate companies for a total of nearly $1.5 million, claiming fluorine and other gasses have destroyed his ranching operation;
- The Air Pollution Commission set up as part of the State Board of Health by the 1957 legislature has gotten organized and held its first hearing;
- Local citizens have formed a special Air Pollution committee, in which the Polk County Cattlemen's Association has been active, to encourage research into the problem.

The facts go something like this:

- Cattle population in western Polk County has been declining steadily almost from the time the first triple super plant was opened in 1949.
- There is conclusive evidence that many cattle are suffering from fluorosis, a disease which attacks the teeth of animals, causing them to wear away rapidly, and making it impossible for them to eat.

In other parts of the country, it has been established that some plants let off quantities of fluorine in the smoke they expel. Polk County cattlemen think their troubles come from this source—but there has been no official determination that this is the case.

The Acree suits, which may bring the matter to a head, was filed in federal district court on May 23, succeeding an earlier suit against the phosphate companies jointly which the judge ruled would have to be divided into separate suits against each company. The complaint was filed by William G. Carver, Lakeland attorney, acting for Acree. The following damages are being asked:

- From Swift and Company (whose Agricola plant is 1.5 miles northwest of the Acree property) $150,000 each on two counts, total $300,000;
- From International Mineral and Chemical Company, Mulberry, two plants

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FLUOROSIS ... caused these poor cattle to look this way, reports Doyle M. Acree of Ft. Meade, who has filed suit against eight phosphate companies.

The Florida Cattleman
Our Sires . . .

have been carefully selected and are on the job working for you

THESE FINE M & M SIRES are the prepotent kind and are producing growthy Angus bulls that are bred to pass on their many desirable characteristics to their offspring . . . and it's a known fact there isn't any better beef type Angus.

UNIFORMLY GOOD CATTLE are a valuable asset. In three or four crosses with Angus bulls you can have a solid black, hornless herd of cows producing calves that will weigh more at weaning time and sell for more at the market.

WE'RE HERE TO SUPPLY you with the kind of Angus bull you need. Since we have a purebred herd of considerable size, our program enables us to produce high quality Angus bulls and females in quantity for the purebred and commercial cattle breeders in the state.

Choose Your Stock From 1000 Cows

It's Profitable to Buy From Florida's Largest Aberdeen-Angus Herd!

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LOXAHATCHEE, FLORIDA
Developing a Top Son of ‘Jago’

As Our Future Herd Sire!

JAGO 487 OF SUN LAKE—an unretouched photo taken at eight months. Note the bone and smoothness.

We’re happy to take this opportunity to announce the establishment of Fowler’s Angus Ranch with foundation cows from the well-known RBK Farms and Grovelane Farms herds. Visitors are always welcome!

Fowler’s Angus Ranch
J. R. Fowler, Manager
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RANCH FIVE MILES SOUTH AT TAYLOR CREEK BRIDGE ON U. S. 441
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ANGUS...
Bred the Ankonian Way!

This breeding combination has given us the growthy, well-built type of Angus animals that are in demand by both purebred breeders and commercial cattlemen in Florida. Holly Hill’s beefy calf crops are no accident because we’ve paid strict attention to both breeding and conformation in building our herd. Pay us a visit soon!

SEVERAL YOUNG HERD SIRE PROSPECTS FOR SALE AT THIS TIME

HOLLY HILL ANGUS FARM
B. C. COOK & SONS, Owners
B. E. “BUD” COOK, Manager
HAINES CITY, FLORIDA
GOOD COWS... are an integral part of the scenery at George Rogers' Circle R Ranch near Lake City.

over six months only 20 head of cattle that came from Leesburg, and after moving them away from the area several died. I gave up the pasture and nobody has since leased it, and better not."

Research into the fluorosis program has been conducted by Dr. George K. Davis of the University of Florida's nutrition laboratory. His findings show excessive fluorine in bones of animals from the affected area.

The Citizens Committee on Air Pollution is a local group of interested parties, which is making it its job to furnish the Air Pollution Commission with facts. At a February meeting prior to the Commission's hearing, the Citizens Committee decided that "we must convince the Commission that air pollution exists and that it is injurious to us or damages our property."

Hardee Cattlemen To Aid Boys

THE HARDEE County Cattlemen's Association recently launched a drive to collect a truckload of cattle to help stock a herd at the Florida Sheriffs Boys Ranch near Live Oak.

Maurice Carlton is chairman of the committee in charge of the campaign. The group will attempt to get local ranchers to donate cattle for the herd.

Present plans call for a special Boys Ranch day at the Hardee Livestock Market when the cattle will be collected and shipped off.

Durspeck is Named

BETHO U. DURSPEK, a student at Tomlinson Vocational School of St. Petersburg, was recently named the state champion in the 1958 national meat poster contest sponsored by the National Live Stock and Meat Board. The contest is an educational project on the nutritive value of meat. The winning posters were selected from a wide variety of entries submitted through high schools in all sections of the country. The general theme on which students were required to prepare posters was "Meat—the Nation's Mainstay."

Angular Bulls

A few registered Angus Bulls, Bandolier and Eileenmere bloodline, about 18 months old, for sale cheap. Will exchange registered Angus Bull for registered Shorthorn Bull or crossbred heifer.

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Featuring the Service of...

4 PROVEN HERD SIRES

Bandolier of Anoka 70th...

Owned jointly with Lookout Plantation of Bonifay and sire of many good animals including Florida's 1957-58 Premier Angus bull and female.

Bandolier of Anoka 105th...

Also owned jointly with Lookout and a son of Prospectmere, $35,000 Sinkola Plantation herd sire. His show record and calves are tops and he was Reserve Champion of the Canadian National and sired champion steers over all breeds at the same event.

Pardolier 103d...

He won his class two years in a row at the Florida State Fair and his calves now on the ground are excellent. Also was Grand Champion at Sarasota and Palmetto and has been Reserve Champion at Ocala's Southeastern.

Perdido Bardolier 35th...

Boasts an excellent show record and has proven to be a producer of show calves. Was Reserve Champion at both Sarasota and Palmetto.

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U. S. Sugar Corporation
Located one mile West of Clewiston on U. S. 27

CLEWISTON FLORIDA

Silage

(Continued from page 27)

grass mature and waver during the winter. Many cattlemen found out during February of this year that cattle refused to eat weathered grass. However, some reserve pasture is extremely desirable in any silage feeding program for wintering purposes.

At what stage of growth should silage crops be harvested? The outline below is a good guide.

Crop When to cut

Corn Hard dough to early dent stage
Sorghum (Sweet or grain sorghums) medium to hard dough stage
Small grains Milk to soft dough stage, or earlier if desired (may be grown with legumes)
Grasses Boot to early head stage
Covers Early bloom stage
Alfalfa Early bloom stage
Indigo, hairy Very early bloom stage
Soybeans When seed pods are about half grown or bottom leaves turn yellow

One of the main secrets in making high quality silage is ensiling the crop when the moisture content is approximately 70 percent. Due the high temperature prevailing in Florida and due to the fact that the chopped forage is usually hauled some distance to the silo, there is not much possibility of ensiling material with too high moisture content.

To determine the moisture content of green chopped material compress a small ball of the chopped material in the hand. If, upon opening the hand, the ball holds its shape and there is considerable free juice the moisture content is over 75 percent. If there is little free juice and ball falls apart very slowly the moisture content is between 65 and 70 percent which is desirable. If the material falls apart rapidly the moisture content is below 65 percent.

Chopped material that is ensiled with too low moisture content is hard to pack and considerable spoilage is apt to occur. This situation can be alleviated by adding water to the chopped material as it is placed in the silo.

In making grass and legume silage it is advisable to add a preservative. A satisfactory silage can be made without these additives if conditions are optimum. However, occasionally an undesirable fermentation will take place and an off odor silage will result. There are a number of preservatives available in Florida that are entirely satisfactory. The cost of using them is negligible and it is definitely recommended that they be used.

- Preservative
Grasses 1 2 3 4
40-60 lbs. 100 lbs. 125 lbs. 150 lbs. 8 lbs.
60-80 lbs. 125 lbs. 150 lbs. 18 lbs.
1—Molasses; 2—Citrus Pulp; 3—Ground Corn; 4—Sodium Metabisulphite

The above amounts of preservatives are recommended per ton of chopped forage. The addition of molasses, citrus pulp and corn will enhance the feeding value of the silage.

The greatest enemy of silage is air. The walls of the silo should be air tight.
When filling the silo a tractor should run continually over the chopped material. Either a wheel-type tractor or a crawler-type is satisfactory for this purpose. To insure good packing the forage harvester should be set for 1/2 to 5/8 inch cut. The material should be packed very tightly around the edges of the silo. After the silo is filled it should be packed several hours each day for at least a week.

After filling, the top of the silo should not be left flat, but the packed chopped material should slope toward the sides. There are a number of materials available for covering a silo, building material, polyethylene covers, vinyl plastic covers and chopped dry grass. All work satisfactorily.

Silage making costs vary considerably, depending principally on the quantity ensiled. The high cost of ensiling small quantities of this feed has discouraged many small cattlemen. A fair estimate would be $6.00 to $8.00 per ton of ensiled material. This includes the cost of producing the crop and depreciation on equipment.

How much silage should be made per mature cow? In Florida our wintering period isn't as long or as severe as in some sections of the country; however, at least two tons should be ensiled per cow, preferably two and one-half tons.

When feeding silage to mature cattle they should have access to reserve or native pasture or a limited amount of hay (five to eight pounds) should be fed daily. When silage is hand fed mature cows should receive from 35 to 50 pounds per head daily. In addition a protein supplement should be fed at the rate of one to 1.5 pounds per head. The condition of the mature cows should serve as a guide as to whether to decrease or increase the daily allowance.

Yearling cattle should gain at the rate of 0.7 to 1.0 pounds daily during the wintering period. By feeding three to four pounds of silage per hundred pounds liveweight daily and allowing access to pasture or feeding hay and 1.5 pounds of a protein supplement per head daily, satisfactory winter gains (Continued on page 94)
by JOAN RUSSELL
Secretary of Public Relations, American Brahman Breeders Association

Every purebred cattle breeder has an unwritten responsibility. His is the job of supplying commercial producers with uniformly prepotent bulls for siring cattle of the higher market grades, capable of converting feeds into beef economically.

The commercial man, in turn, is responsible for greater production of the lean, red meat preferred by the American public, at a price competitive with other protein foods.

Such responsibilities clearly indicate that all cattlemen must constantly strive for better cattle in their herds. The ideal program being the breeding of the very best cows to the very best of bulls. It goes without saying that acquisition of the "very best" is not an overnight process. Therefore, the problem must be approached from a more practical standpoint.

A cowman, commercial or purebred, can start with mediocre cows and by successive use of top quality bulls a herd can be graded up. Reversing the situation—that is, using top quality cows and a mediocre bull—one can expect only a gradual degeneration of the herd.

But just what does this involve?

When choosing a bull to head his herd, a rancher must consider the environment of his location. That is, range, climate, forage, pestilence and general conditions.

For profitable production in the Gulf Coast area a herd bull must meet rigid specifications. Probably more so than anywhere else. His ability to walk and keep up with the herd, plus his ability to resist diseases and insects, reflects his usefulness. Of great importance is the ability to withstand high temperatures for the prevailing breeding season includes the summer months. All of the factors of environmental adaptation have a direct bearing on the effective fertility level of the bull.

These factors determine the breed of the bull to be purchased. It is evident the bull selected must be of a breed that readily fits into Gulf Coast ranching. This means American Brahman.

Many characteristics, other than just eye-appeal, must be brought together in a herd bull. Sure, we all like to see a good masculine head, heavy bone, a strong back, deep body, and other obvious qualities. It is possible, however, to emphasize a few good characteristics in a herd and overlook others.

No one can tell with certainty from outward appearance alone what type of calves a bull will sire. Often bulls which are not outstanding in conformation sire superior progeny.

To assure the greatest possible contribution to improvement in the herd, one should select a bull according to (1) ability to gain rapidly (2) conformation and quality, and (3) milking ability of his dam, as indicated by heavy weaning weight of calves.

If available, major consideration should be given to the record of performance in selecting a herd bull. In aged bulls, a good record of performance refers to the production of superior offspring. In young bulls, it refers to a high weight for age and a high rate of gain from weaning to breeding age.

Experiments at Federal and State experiment stations show that rate of gain from weaning to 12 or 15 months of age is highly heritable, and when high gain bull calves are later used as herd sires they will in turn produce high gain calves.

The best buy, of course, is a proven sire. This eliminates a lot of gamble in selection of a bull. The only positive proof of a bull's prepotency is his progeny. The big drawback to this procedure, however, is that seldom are proven sires of top quality offered for sale. And, when they are, the price is usually high.

This raises the question: How much should be spent on a herd sire—proven or otherwise?

Probably no business transaction offers a man a better opportunity to be "Penny wise and pound foolish" than does the purchase of a herd bull.

As a cattle producer a man seeks profits and—if he is wise—the means of producing better cattle. As a cattle buyer he seeks the most he can get for his money. That does not mean, as a rule, the cheapest cattle. If he is offered two bulls, one at $250.00 and the other at $750.00 he knows that the better bull usually has greater possibilities, and so will be the wiser purchase.

The herd bull should be the best that one can afford. Otherwise, the purchaser is cheating himself.

Generally speaking, purebred breeders have long realized that the price of a good bull is nominal, if that bull can improve production, quality and weight for age in the herd. To them investing money in a top-notch herd sire is like buying shares of the U.S. Mint. The returns they receive are immense.

BRAHMANS . . . like this one are capable of improving most any cattle herd. Photo was furnished by the American Brahman Breeders Association.
On the Way Up
with BETTER BULLS from DUDA

50 Two year old bulls, ready for service

150 yearling bulls, will be ready for sale in the late fall and early spring

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**A Truly Outstanding Bull!**

THAKORE IMPERATOR 78/1 was the 1957-58 Premier Brahman Bull, selected for his record during the past season's shows. That he made this outstanding show record was a source of great satisfaction to us, of course. But we were also interested in the correlation with our production testing program in which:

- Thakore Imperator 78/1 was one of the top-gaining calves at our 1955 weaning.
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**Pastures Are Tops at Boot Ranch**

**UNIQUE PROBLEMS** in pasture irrigation have been solved by the construction of roads which double as dams and dikes at Boot Ranch near Oldsmar.

Boot Ranch is located at the southern tip of Lake Tarpon, which contains too much salt to be used for pasture irrigation. A. D. Boyd, owner of Boot Ranch, planned an extensive seepage irrigation system for his 1200 acres of improved Pensacola Bahia, Pangola and White Dutch clover pastures, based on water supply from several deep wells drilled on the ranch.

When the wells had been drilled it was learned that the water contained over 1000 parts of salt per million gallons, too much salt to be used for irrigation. Not to be stymied in his efforts to improve the pasture lands, Boyd and his woman manager, Lois Oxnam, devised the system of roads, built higher than the surrounding land to act as dikes, along with a series of bridges, culverts and adjoining dikes and dams to control the surface water on the ranch.

Excess water is held at the high points of the ranch to be released as required, draining toward Lake Tarpon and irrigating the pastures. Lush pastures of White Dutch clover and Pensacola Bahia are the result.

Boyd says the land is fundamentally poor flat woods soil, and his fertilization program is based on complete soil analysis—usually a 6-6-6 or 9-9-9. However, since he is bothered with an infestation of mole crickets, he spends more on insect control than on fertilization. Chlorodane bait is used on the mole crickets. Boyd says he also gets help from the sea gull and wild turkey population of the ranch, which is heavy.

At the present time Boyd is experimenting with a 10 acre field of Sorghum Alum grass, planted heavier than recommended, and is now planning to plant an experimental 10 acres of NK 37 Coastal Bermuda. Both these grasses were recently introduced to Florida, and...
HERD SIRE . . . recently purchased by Boot Ranch from A. Duda and Sons of Cocoa—ADS Denis Duson—heads his herd on lush clover.

there is no record of production to date. As a part of his insect control procedure, Boyd control burns his pastures each winter during periods of high humidity. A 500 gallon spray tank, equipped with high pressure pump and nozzle, is used to keep the pasture fires under control.

Boyd's operation is unique in several other ways. His ranch manager, 27-year-old Lois Oxnam, is one of the few women working cow hands. Lois handles all the chores on the ranch from driving the tractors to throwing and tying the big bulls for doctoring and halter breaking the calves. She has managed Boot Ranch for the past five years.

Another feature of the ranch is the communication system devised by Boyd. Through a specially designed amplifying system, Boyd can talk from any point on the ranch to his office merely by hooking a speaker and microphone to a barbed wire fence, the fence acting as transmission lines. Boyd says he plans to build the systems commercially as soon as he can iron out a few "bugs" to improve the quality of transmission. He says the system will sell at a very reasonable cost and can be installed by any cattleman.

Another sire is JDH Temuco de Manzo, purchased from J. D. Hudgins, Hungerford, Texas. Boyd recently shipped 55 head of registered Brahman to the Isle of Pines, Cuba. The shipment consisted of 12 two year old heifers, six two year old bulls and 35 mixed bulls and heifers, all yearlings.

Treatment Pays

A RECENT test on cattle grubs was run with 453 heifers, approximately half of which were treated to kill the grubs, results showed almost a quarter of a pound added daily gain per head for the treated animals. It was estimated that the treatment added $5.17 in value per head, according to the report.

for July, 1958
On The Spring Show Circuit
In January, February and March, 1958, at Fort Worth, San Antonio and Houston, Texas, Baton Rouge, Louisiana, and Bartow, Florida.

OUR SHOW HERD ENTERED 93 CLASSES AND WON

- 66 First Places
- 20 Second Places
- 2 Third Places
- 4 Fourth Places
- 1 Fifth Place

AND IN ADDITION, 12 Championships of a possible 20

Write us your Brahman needs, or better still, come to see us.

J. D. HUDGINS
"Beef Type Brahmans"
Hungerford, Texas

Keys Gives Blocks To Boys Ranch

CLYDE J. KEYS of St. Petersburg, who owns a concrete block business in addition to one of Florida's best-known Brahman herds, has donated 3000 blocks to the Florida Sheriff's Boys Ranch being constructed near Live Oak.

The donation came officially from Keys Industries, and included a donation of steel lintels and other equipment.

A similar gift was made several years ago to the 4-H Camp at Lake Placid.

The Florida Forest Service has some 50 films on forest conservation which any group in the state may use for the asking. For a list of films available, write The Florida Forestry Reporter, Box 1290, Tallahassee.

Stuart Gives Brahman Heifers To Wash. State

A pair of top-bred registered Brahman females are en route to Washington State College at Pullman due to the generosity of W. H. Stuart of Bartow, owner of one of Florida's oldest and largest herds of registered Brahman.

The shipment is believed to be the longest ever made by Brahman within the continental United States. Manager Max Hammond left in mid-June with his family to haul the two heifers—one open and one bred—to Washington State where they will be used for crossbreeding experiments under the supervision of Dr. M. E. Ensminger, well-known head of the animal husbandry department there.

The Brahman reached Washington State because of a Florida youngster's desire to learn his animal husbandry under Dr. Ensminger. Billy Stuart, son of W. H., enrolled two years ago at Washington State. He learned that Ensminger and his staff would welcome an opportunity to experiment with top-quality Brahman cattle and asked his father if he'd be willing to make the donation.

The two animals are:

- WHS Queen 272/1, a 17-month-old open heifer sired by King Van D Imperator 23d, one of the top Stuart sires who made an outstanding show record several years ago, including the reserve grand championship at Tampa;

- EOR Lady Weyland de Manso 155, a heifer purchased from Eugene O'Reilly of New Smyrna Beach, a bred heifer 2-1/2 years old and slated to calve soon, having been bred to King Faynette's Dip, the Sartwelle bull Eugene O'Reilly bought from Polk Brahman Farms a year ago for a reported $10,000. She is a daughter of JDH Rex A. Manso, one of the top Hudgins show bulls a few years back.
The Key's **KEY** to Breeding Success . . .
**TOP-BRED SIRES!**

LIKE FATHER LIKE SON—Rhalee Manso 804/5 (left) is the sire of Chunko Manso (above). The sire weighs 2200 pounds. The son (a three-year-old) 1800 pounds! We're breeding both bulls.

LIKE FATHER LIKE SON—Resoto Manso 134 (above) is the sire of Keys Resoto Manso 605 (right). The son weighs 1765 pounds at two years of age. We're breeding both of these bulls, too.

In Breeding, Conformation and Gain-Ability We Think These Bulls Are Unsurpassed. See Them.

**CLYDE J. KEYS RANCH**

Registered Brahams

20 11th Street South

ST. PETERSBURG

FLORIDA
Both Sires And Dams Help Breed

New Zealand work quoted

by DON McCARTHY
Director of Public Relations, American Hereford Association

The Hereford breed won its predominant position in the beef cattle world by a rigid selection of the right type of bulls mated to uniform Hereford cows with scale and substance. The credit for the breed's accomplishments must be divided with equal importance to both sires and dams. However, cattlemen with cows of another breed are in position to profit immeasurably through the use of Hereford bulls which pass down their herd-improving qualities to each calf crop.

A Hereford bull is a proud animal with dignity, a progenitor of a heritage unmatched in the beef cattle world. He was selected to serve as master of his herd because he had the conformation and quality, the strong masculine head and the fleshing ability, the size and the prepotency that his owner wanted in a herd sire.

When his prototypes are used on commercial herds, you will find the bulls individually aggressive and active. Rarely will you see herds of Hereford bulls bunched up as is common in other breeds. They rustle for food and, if necessary, will walk several miles a day for water.

In the Hereford industry, bulls are our business. They may sell from $300 to $100,000. They have proven to be sound investments in all price brackets. A poor bull costs you each time a calf is dropped; a good bull pays you each time a calf is dropped. That's why Here-

GENTLENESS . . . is a characteristic of the Hereford breed, most numerous in America, as this American Hereford Association photo shows.

This is Today's Type . . . And Tomorrow's

CH Zato Heir 617th
We are especially proud of this clean pedigreed two year old herd sire we purchased from JO-SU-LI FARMS of Colquitt, Georgia. He was four times winner in class at Macon, Georgia, Tallahassee, Jacksonville and Webster.

Stop by and look him over Breeding age stock available at all times

We Always Welcome Your Visit

J. L. BROWN

Webster Florida

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Good Advice FREE 
Buy Better Bulls From Members of the 
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PRESIDENT 
McINTOSH, FLORIDA
COLONEL CROW SEZ...
Our Future Program Can't Miss
With
THESE BULLS

Mated To These Cows:
Real Silver • Zato Heir • Hazlett • Vagabond Mischief • Husker Mischief • Doctor Domino
And These Offspring Mated To

HUSKER DOMINO
ZATO MISCHIEF G
CAW CAW SILVER ZATO

THE RESULT
Southern Adapted Herefords
All Clear Pedigreed

CAW CAW PLANTATION
A. D. Griffith, Owner
ORANGEBURG, SOUTH CAROLINA

FEBRUARY 21, 1959
fords are the breed built on bulls. When Hereford sires are used to cross on cows of another breed, they pass on a docility that has always been associated with the Whitefaces whether on ranges of the West or the improved pasture lands of Florida.

Hereford bulls have long been known for their strong scale and bone, an advantage underlined in bold terms by the results of a research conducted in New Zealand and later substantiated at Iowa State College. The report follows:

"As part of our research work in Europe and New Zealand we have now completely dissected many thousands of meat animals—pigs, sheep and cattle—taking them apart and weighing and measuring every individual muscle and every individual bone in the body. We have separated out the different types and weighed and measured them, not only in terms of volume, but also in terms of quality and chemical composition."

"One outstanding feature is apparent from all this work, namely, there is a strong positive correlation between the weight of bone in each meat animal and the weight of muscle tissue. In other words, it is not possible to get a carcass with really great wealth of fleshing without having associated with that flesh a heavy weight of bone."

"The reason for that is obvious if you think about it from a biological point of view. The muscles are tied to the bone—they are there to operate the bone—so their size and shape must, for mechanical reasons, be associated with the size and shape of the bones."

"It is possible to breed cattle that are markedly deficient in lean meat if one selects too far in the direction of fine bone. I know the butcher will tell you he doesn't want heavy bone in a meat animal as bone is of no use but, unfortunately, he can't get heavy lean meat unless he is also prepared to take some weight of bone with it. An average, fine boned animal will kill out with a smaller percentage of lean meat and a larger percentage of fat at the same weight as will a stronger, thicker-boned beast."

Hereford bulls were given their fair share of credit in the results of a carcass study conducted recently on the Chicago market by Armour and Company in cooperation with the American Hereford Association. Highlights of that study follow:

(1) Prime Herefords topped other breeds in percentage of loin cuts in the entire carcass;
(2) Prime Herefords topped other breeds in percentage of rib cuts;
(3) Prime Herefords topped other breeds in percentage of round cuts;
(4) Less brisket and plate (low-priced cuts) in Herefords than other breeds;
(5) Herefords have less kidney fat;
(6) Herefords have 1.01 percent heavier hides, yet produced as much carcass, or dressing percent, as the thinner-hided breeds.

We've Solved the Selection Problem

Beewood's answer to the bull selection problem is our present program of saving only an average of eight bulls from each year's calf crop that is produced by our 120 registered Hereford brood cows. By this method you can be assured of getting the "cream of the crop," as represented in good, growthy bulls that will be offered for sale when of service age. Our group of bulls that we've selected for you now includes 11 Silvers, 7 Crustys, and 1 Mixer. See us for your bull needs!
featuring...

SFR Super Rollo 16
SFR Rollo Domino 8
SFR Choice Domino 15

These three fine bulls are doing a first class job for us here at F and J Ranch, where we are breeding them to our carefully selected small herd of first class Polled Hereford females. Come see them!

For Information about Our Polled Herefords, Contact

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Frances and Joe Diaz, Owners • Hugh H. Colson, Jr., Manager
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Phone Howard 2-3867
RANCH LOCATED ON HIGHWAY 23, NEAR SANTA FE

Lake-Sumter
HEREFORD BREEDERS
Offer You
500 Registered Herefords to Choose From!

All eight breeders, located in the 35-mile diameter shown in map below, own good quality registered Herefords. Over 500 head of registered cattle to choose from!

SIRE . . . at the Cock o' Walk ranch is CMR Deal Larry 1st, posing here with one of his first calves.

Quincy Show Sets Dates for April

The 1959 West Florida Fat Cattle Show and Sale at Quincy has been scheduled for sometime during the first two weeks in April, according to an announcement from Bradley Munroe, president of the West Florida Livestock Association.

The tentative date was set recently by the association at its annual meeting, with the definite date to be established by the executive committee upon investigation of surrounding shows that might offer conflicting dates.

Munroe, Vice President Sloan Baker and Secretary John Russell were all re-elected as officers of the 1959 show and sale.

Winton "Gobbler" Edwards was elected to succeed "Stoney" Edwards as treasurer upon a request by "Stoney" to step down from the board of directors, a position which he has held since the association was founded.

The remaining five directors whose terms expired were all unanimously re-elected. These were Dr. Ralph Porter, Don May, Lloyd Rhoden, Sloan Baker, and John Russell.


Labor Forecast Told

The "ROLLING recession" will continue for some months, but a few idle workers will be called back to their jobs, while other workers will be laid off. Non-farm workers, employed or threatened with unemployment, will be more envious of the farmers security and opportunities. They will be less sympathetic with programs to raise prices of farm products. Farm labor will be more plentiful, and more dependable, USDA reports.

The Florida Cattleman
BULLS
With
BLOODLINES
To Suit Every Breeder

We are pleased that Santa Fe River Ranch has the second highest Polled Hereford sale average in the nation for 1958.

We will have available for fall delivery the best group of well-developed, weight-for-age bulls that we have ever offered.

MARK YOUR CALENDAR NOW!
Plan now to attend our Sixth Annual Sunshine Sale, January 10, 1959

VISITORS ALWAYS WELCOME

Santa Fe River Ranch
W. E. Snead, Mgr.
Ed Calendine, Herdsman
Mr. and Mrs. A. D. Davis, Owners
H. F. Williams, Breeding Herd

ALACHUA, FLORIDA
We thought we were fortunate to get JF ZATO HEIR 2
To head our cow herd.

We purchased JF Zato Heir 2 from Mr. Clarence Cross, Jo-Su-Li Farms, in November and have used him heavily this breeding season and are expecting some wonderful results from him.

He now has a number of sons in service in herds in Alabama, Georgia and Florida. His first calves will begin to come for us in November. We invite you to inspect our herd at any time.

Thanks to Tommy Lee, FFA, Astatula, and Sammy Ellington, FFA, Clewiston, for showing their steers to the grand championship of their respective fairs, Lake County Fair and Sugarland Exposition and Livestock Show; Billy Bowden and Tommy Jones, FFA, Clewiston, with the grand champion and reserve champion heifers at Sugarland Exposition and Livestock Show and the South Florida Fair.

J. J. WYNN
CLEWISTON, FLORIDA
Box 7146

Watch for our Production Sale in the Fall
With Some Cows Bred to JF ZATO HEIR 2
... Real Silver Rupert 1

The two photographs above are pictures of our new herd sire—a bull of tremendous size, scale and smoothness who weighed over 1800 pounds when we purchased him last February. He is just three years old (the large picture shows him as he looked on his third birthday; the small picture was taken when he was a yearling). He was bred by the famous Bridwell herd in Texas. We believe this well-bred bull will be a strong addition to Hereford breeding in Florida.

Corrigan Ranch VERO BEACH, FLORIDA

RANCH LOCATED 10 MILES NORTHWEST - Pat Corrigan, Manager, Phone 6749

For Sale

Our herd sire—CMR Flashy Rollo 22d was purchased at Circle M Ranch for a substantial sum. We feel that we were very fortunate in obtaining this top bull from CMR. He is a very rugged bull with extreme natural thickness and fullness of Quarter... we are sure he'll make a great sire!

CMR FLASHY
CMR Super Rollo 47th
P-8161825-575341
CMR Lady Larry 99''
P-7809228-510024

CMR Rollo 22d, Calved April 13, 1956
CMR Super Rollo-P
GWR Miss Mixer 44''-P
CMR Larry Domino-P
ALF Stella Beau 54th-P

CMR Rollo Dom 12-P
T. Domino Lady-P
G. Larry Dom Jr.-P
Miss Domino Lady
Beau Perfect 46th-P

A BRIGHT STAR IN OUR HERD

... and a top bull to build with in the future

We are especially proud of this young herd sire and believe he will cross well on our small group of select females.

Progress at Randolph Farms, is continually being made by always improving the cow herd and by adding outstanding bloodlines.

The cow herd and bulls represent the most popular and proven bloodlines in the business today.

We invite you to visit our ranch any time

Randolph Farms
Mr. and Mrs. Paul Randolph, Owners—John King, Herdsman
Phone JUNiper 4-4700

Clearwater, Florida
You Have Opened and Closed Your Last Gate
When You Install Stockstopper Cattle Guards

Over 2000 sold in the few months this product has been on the market

Wainerblock, Inc., Valdosta, Georgia
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Tallahassee Concrete Industries, Inc., Tallahassee, Florida

If you cannot be supplied by the above dealers, see your local concrete products manufacturer. 31 manufacturers in 11 states; franchise open in other areas. For details, write CATTLE GUARDS, 26 South Perry St., Montgomery, Ala.

Advertise Consistently!

A Real Beef Type Bull

This bull weighs 2000 pounds in his working clothes and is a real cattlemen's type bull. All his calves have plenty of bone and great depth of body—just what the commercial cattlemen of Florida are looking for. Stop by and look them over.

For Sale
12 bulls for coming breeding season
A number of heifers and bull calves

Champneys Ranches
Mr. & Mrs. Wallace T. Champneys, Owners
Phone TUcker 6-2281, Apopka, Florida

Lakeland Man Has
Herd of Herefords

Two little girls who joined the 4-H Club in Polk County have resulted in A. J. Thomas of Lakeland becoming the owner of a full-fledged herd of registered Hereford cattle.

Thomas' daughters—Virginia, 15, and Carolyn, 12—showed Hereford heifers in the 1957 Polk County Youth Fair, and again at the area 4-H show in Kissimmee last February. Thomas liked the Herefords so well he purchased 13 bred heifers from Pearce Brothers of Okeechobee and a Jo-Su-Li Farms bull, JF Zato Heir 235.

For the time being, the cattle are being kept in a leased pasture north of Lakeland on the Polk City road, except for a few head kept at Thomas' home on the Mulberry highway south of Lakeland.

Cattle Spray Loss Is Reported

Horace Gough of Ona sprayed his cattle for flies and 15 minutes later he was out of the cow business as some 150 head died.

The error was explained by the fact that the regular spray was sold in a similarly marked package as was the Tetro-Ethyl-Pyro Phosphate insecticide for use on some plants which he used in error.

Several Hardee County cattlemen have contributed cattle to Gough to help him rebuild a herd. Meanwhile the incident is a lesson to all cattle owners to carefully read and follow the directions on the package!

Meat Survey Taken

During a survey week on meat eating habits, it was found that most meat was eaten by people living in the North Central States. They consumed an average of 3.4 pounds apiece during the survey week. The West and Northeast were close behind; the South lagged with only 2.6 pounds, according to USDA.

Rural electrification lines have been extended to about 95 percent of U. S. farms.

The Florida Cattleman
Our First Place Get-of-Sire at Many Shows This Season

Premier Hereford Exhibitor

WE ARE ESPECIALLY PROUD THAT THE OVERALL EXCELLENCE OF OUR SHOW HERD WON US THIS CovETED AWARD FOR THE 1957-58 SHOW SEASON.

Visitors
Always
Welcome

LL LARRY DOMINO 81 WON THE 1958 FLORIDA PREMIER BULL AWARD

OUR SHOW RECORD

Grand Champion Bull, All-Florida Show, Webster
Reserve Champion Bull, All-Florida Show, Webster
Grand Champion Bull, Putnam County Fair, Palatka
Grand Champion Female, Putnam County Fair, Palatka
Reserve Champion Bull, Putnam County Fair, Palatka
Reserve Champion Female, Putnam County Fair, Palatka
Grand Champion Bull, Central Florida Fair, Orlando
Reserve Champion Female, Central Florida Fair, Orlando
Grand Champion Bull, Kissimmee Valley Show
Grand Champion Female, Kissimmee Valley Show
Grand Champion Bull, Southeastern Show, Ocala
Grand Champion Bull, Webster Hereford Show

DOUBLE L RANCH
L. T. Langford, Owner    Grant Hutto, Herdsman
Phones: (Ranch) 49-3234, Tampa; (Office) 2-7141, Plant City; (Home) 2-6271, Plant City

PLANT CITY, FLORIDA
Outstanding 12 months old Polled Hereford Bull. This Clean Pedigreed Calf sired by our MW DOMINO HEIR 16, out of one of our top Plato Domino cows was sold to Mr. & Mrs. B. N. Kirkland of Lakeland, Fla. They are developing a nice herd of Polled Herefords.

Our Horned Herefords of Clean Pedigree and Proven Production are also giving good results and creating wide and favorable interests.

HUSKER MISCHIEFS, DOMINO HEIRS, COLORADO DOMINOS, ZATO HEIRS, PLATO DOMINOS

HERD BULLS
SHOW PROSPECTS

THE CREEK FARM
Mr. and Mrs. Minor S. Jones III and Children
Ft. Meade, Fla.
4 mi. E of Ft. Meade on US 98
Phone ATwater 4-6151

A TYPICAL SLOUGH... in Florida contains a wealth of good grass at certain times of the year. The dominant grass shown here is maidencane. (SCS Photo taken in Martin County.)

Native Range Important
In Much of South Florida

by BOB WILLIAMS
Range Conservationist, SCS

MODERN DAY ranching in South Florida depends to a large extent on native range or natural forage. Along with introductions of improved grasses and legumes, intensive use of fertilizer, and scientific water control and management, practically every livestock operation of any size depends to some extent on the use of maiden cane, bluestems, wire grass cut-throat grass, carpet grass, and the numerous other plants furnished by mother nature.

Why is this? Pangola grass, Pensacola Bahia grass, Coastal Bermuda grass, white clovers and other "tame" pasture plants are superior in nutritional value and in production of forage or beef per acre over the native plants.

The answer to this question, given by several ranchers is simple and practi-
Watch for the PBC Ad In Our August Issue!

A Three Way Look To The Future
Now... OUR NEW SPRED-MASTER

TRACTOR-DRAWN SPREADER
For Dolomite, Lime and Fertilizer Spreading

- Hydraulically driven constant speed fans (2)
- Conveyor chain with two chains test rated at 23,750 lbs. each
- Hydraulically operated ground drive with overrunning clutch to permit backing up in gear
- Heavy-duty fan guards
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- Will hold 3½ tons fertilizer

Phone For FREE Demonstration or contact
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PHONE: TAV. DIAMOND 3-7601

New!
The No. 22 Feeder
Corrosion Resistant!

"Our new No. 22 Feeder is the finest we have built. The canopy is built of 24 gauge galvanized steel. It is coated inside with a fiberglass resin one foot up from the bottom. The two compartment tray holds in excess of 22 gallons. All corners on this tray are fiberglassed for additional strength. There is an opening between the tray and canopy; thus no mineral is allowed to lodge up next to this metal canopy."

For Further Information, Please Contact
FENTON'S FEEDERS
ARCADIA FLORIDA

"FLASHY"... he is—CMR Flashy Rollo 22d—new herd sire at Randolph Farms near Clearwater.

cal. Native range is available, and while production per acre may be lower it is cheap. Then there is sometimes a limit to how much improved pasture one operation can develop and maintain on a practical basis. Indications are that many ranchers favor roughly one-third of their land in improved pastures leaving around two-thirds in native range. Tame pastures and native range are then used together on a seasonal basis for a year-round forage supply.

Recent studies at the Range Cattle Experiment Station at Ona show that the range-pasture combination operation is a sound one.

In an analysis of range resources, conditions, and research needed in South Florida, the U.S. Forest Service estimated in 1956 that around nine million acres of land in the 30 county area will remain in native range. This figure was arrived at after allowing for doubling present day acreages of tame pastures. The research work being carried on at the Caloosa Experiment Range near Ft. Myers will yield helpful information for management of this range land.

All of this indicates that range forage not only has been an important resource, but will continue to be one, at least for the foreseeable future. Just how important range forage is can best be seen by examining a few operations which are more or less typical of the Florida ranching industry.

The Monreve Ranch near Stuart in the Martin Soil Conservation District, consists of 1000 acres of irrigated, highly improved Pangola grass-white clover pasture and 3000 acres of native range. The cattle have been improved through breeding, culling, sanitation and the forage program. Here, cattle graze improved pasture March 1 through October. Irrigation is used during the first part of the grazing period prior to the rainy season.

During November, December, January and February, cattle are placed on unburned wire grass-palmetto range and fed a 2-1 meal-salt supplement free choice. Cattle use native forage well through this season even though it is mature and tough, and Dick Kelley, the manager, states that they lose no weight. Furthermore, he believes burn-
Four Chips Off The Old Block

Windsweep Victor—"Zit" and His First Four Calves

See Our Fine Selection of Sale Bulls

We Always Welcome Visitors

Windsweep Farm

MR. AND MRS. BEN T. SMITH, OWNERS
ORVILLE SWEET, MANAGER
BOB DYER, ASS'T MANAGER
LUCIAN WELTY, SHOW HERD
BILL JOHNSTON, HERDSMAN

THOMASTON, GA.
WE will like them and hope you find time to visit us offered Heirs, Anxiety. You will like the calves with sires and dams like these. 100% CLEAN This young sire is quite Husker Mischief Many of the best cattlemen in America have said today. His Junior Get of Sire won first at the International in Chicago in 1954. You will like his calves. Calved December Located 12 mi. south on Rd. 78 at Lovette of grass and little grain. Raised the practical way since 100 acres of native range and 2000 acres of perpetually grassed range. Cattle are kept on improved pasture as soon as possible forage comes from developed pastures, the range forage is a very important cog in the feed and forage schedule of this operation. This system of management is producing 525 pound calves at 8 months of age. Kelley reports that they have had a 95 percent crop each of the last two years. Another large ranch in South Florida consists of 5000 acres of Pangola grass pasture and 31,000 acres of woodland-range, mostly slashpine flatwoods. Dry cows are left on the range until they calve. Cows and new calves are placed on improved pasture as soon as possible and remain there until the calf crop is weaned at about seven months of age. Cows then return to the range and the calves are grown out on the Pangola grass. Cattle are marketed as two-year olds after about 120 days in the feedlot. Cow-calf, stocker cattle, and the feedlot enterprises are well coordinated operations based on the improved pasture-native range forage base. Roughly, one acre of pastures and 10 acres of range are used per breeding animal. They are realizing a 400 pound calf at 9-10 months of age and a 70 percent calf crop. Conservative use of forage, mineral supplements and provision for adequate nutritional level twelve months out of the year keep range, pasture and cattle in good productive condition.

Duncan Hereford Farm
Box 324, Phone 1046, Orangeburg, South Carolina
Located 10 miles north of Orangeburg and 30 miles south of Columbia on U. S. 21.

Florida Produce Company
SEE US FOR TOP-QUALITY BULLS AT REASONABLE PRICES
REGISTERED HEREFORD, ANGUS & BRAHMAN HERDS
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Ranch 6 miles NW of Dade City on state road 41

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Condensed Citrus Solubes
SUNI-CITRUS PRODUCTS CO.
Haines City, Florida

ALL-LEATHER... "ribbons" for stock shows are being shown by Harold Wesley, right, to Rad Hall, executive secretary of the American National Cattlemen's Association.

ing is unnecessary when adequate supplement is used. While cattle are on the range, improved pastures are rested and fertilized, and the clover has a chance to start growth. Although the bulk of the forage comes from developed pastures, the range forage is a very important cog in the feed and forage schedule of this operation. This system of management is producing 525 pound calves at 8 months of age. Kelley reports that they have had a 95 percent crop each of the last two years. Another large ranch in South Florida consists of 5000 acres of Pangola grass pasture and 31,000 acres of woodland-range, mostly slashpine flatwoods. Dry cows are left on the range until they calve. Cows and new calves are placed on improved pasture as soon as possible and remain there until the calf crop is weaned at about seven months of age. Cows then return to the range and the calves are grown out on the Pangola grass. Cattle are marketed as two-year olds after about 120 days in the feedlot. Cow-calf, stocker cattle, and the feedlot enterprises are well coordinated operations based on the improved pasture-native range forage base. Roughly, one acre of pastures and 10 acres of range are used per breeding animal. They are realizing a 400 pound calf at 9-10 months of age and a 70 percent calf crop. Conservative use of forage, mineral supplements and provision for adequate nutritional level twelve months out of the year keep range, pasture and cattle in good productive condition.

R. L. and J. W. Perdue are well known ranchers located at Wauchula. They have cooperated with the Hardee County Soil Conservation District in doing some excellent conservation work on their 5000 acre ranch. Here, 3000 acres of native range and 2000 acres of improved pasture (Pangola grass, Pensacola Bahia grass and White clover) are used in combination for a twelve months forage program. The ranch is well fenced to permit rotational grazing. Cattle are fed Pangola grass hay December 15-March 15. Calves are dropped December 15-April 15 and are weaned October-November. These calves weigh 400 lbs.

86 The Florida Cattlemen
Just What the Doctor Ordered!!

HOUSTON C. FLOYD is our new herdsman, and with him comes a wealth of experience and an inherited background of cattle... Welcome Houston. He brings with him ideas of youth and vision which, when combined with our dependable breeding program, will write a "new chapter" in Florida Hereford progress.

We are especially proud of our junior herd sire, JF QUESTOR 999, purchased from JO-SU-LI Farms of Colquitt, Georgia. We believe he has everything a discriminating cattleman could ask for, size, bone, conformation, and above all, a clean pedigree. We think he is just what the doctor ordered in our breeding program and all the cattlemen that have seen him agree that he has many strong points.

FOR SALE

1-33 months old bull
8-14 months old bulls
12 head of 4-6 year old cows
8-14 months old heifers

SHUMAN HEREFORD FARMS
R. W. Shuman, Owner
Phone 24311
Houston C. Floyd, Mgr.
Plant City, Florida
Ranch located 3 miles south of Plant City's Springhead section of Trapnell Road.
Introducing Our Herd Sires:

The proven sire pictured above in both professional and pasture poses now heads our registered Polled Hereford herd. We are doing this to show you he is an outstanding "keeper" while in heavy service on pasture grass. The "113" was bred by the Circle M Ranch in Senatobia, Miss., and is a son of their famous "Sire of Sires" CMR Rollo Domino 12. We are also using SFR Mischief Domino 12, a Santa Fe bull, as our junior sire. We invite you to see these two outstanding sires at anytime.

Wilson CATTLE COMPANY
Pat Wilson, Owner
Frostproof, Florida
Phones 4571, 4511

Registered Herefords
Joe Overstreet
Phone TL Iden 6-4084
KISSIMMEE, FLORIDA
Located one mile south on U.S. 17-92

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TWO SALES WEEKLY
MONDAY—Cattle only
TUESDAY—Hogs, horses and mules
Florida's Oldest and Largest

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IN MIND WHEN YOU SELL!
KISSIMMEE LIVESTOCK MARKET
AUCTIONS EVERY WEDNESDAY

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Herefords
Acclimated
FLORIDA BRED FOR FLORIDA NEEDS
PUTNAM HEREFORD RANCH
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BARTOW FLORIDA

SELL AT WAUCHULA!
Auction Every Thursday
HARDEE COUNTY
Livestock Auction Market
RUSSELL FARMER, Manager

Agendas

The Montgomery Ranch near Arcadia, in the Peace River Soil Conservation District, is a large native range operation on 52,000 acres of prairie, fresh marsh and slough sites. Around 1500 acres have been improved with Pangola grass, Pensacola Bahia grass, Carib grass and Para grass. Calves are weaned on improved pastures and are fed some protein supplement. Cows are on native range year-round. Under this practical straight range operation, calves have averaged between 55-65 percent and calves have weaned at 340 lbs. at 7-8 months of age.

Some of the problems which operators of this ranch hope to overcome are better control of palmetto, improved fencing arrangements to separate different kinds of land or range sites to permit seasonal grazing, and also to allow a short rest period following controlled burning. Moderate grazing, rotation grazing, and resting areas will encourage the better forage plants for each kind of range. This will lead to increased beef production. In addition, plans call for improving additional areas of improved pastures to help overcome seasonal deficiencies in range forage.

As rancher experience and research information on range management and improvement practices increases, more progress can be made in overcoming range problems. The Soil Conservation Service is working toward giving ranchers cooperating with Soil Conservation Districts more technical assistance in improving the conservation programs on their rangelands.

DOGFENNEL IN improved pastures can be controlled by spraying with ester formulations of either 2, 4-D or 2, 4, 5-T at the rate of two pounds per acre. When weaned at an average age of 6-7 months. The Perdues have achieved an 85 percent calf crop average over the past three years.

They would like to establish better water control on their rangeland to control surface water during the rainy season and also find a practical way to control saw palmetto. Water control, control of saw palmetto, together with their good range management would materially increase production of native range forage.

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DOGFENNEL IN improved pastures can be controlled by spraying with ester formulations of either 2, 4-D or 2, 4, 5-T at the rate of two pounds per acre.
WANTED

The Produce of

"Silver Return 3rd"

for STEALING the "Show"

REWARD

"Real Silver"

Last seen on the road to success at . . .

February 21, 1959

Gay Plantation

(Hangout for Southern Silvers)

Whitmire South Carolina

OUR THANKS to Pat Corrigan of Vero Beach, Fla., for his purchase of Real Silver Rupert 1st, a half-brother to Silver Return 3rd, pictured above.
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SOUTHERN MILL CREEK
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*Complete stock of Farnam Insecticides
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One Year, $2.00; Two Years, $3.00; Four Years, $5.00
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FASTER ... SAFER ... EASIER!
Fewer handlers can process more Cattle in less time: Up to 100 head per hour. Write for detailed information.
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JUDGES ... in the Beef Recipe contest put on by Florida Beef Council were, from left: Mrs. Betsy Byrnes of Tampa Electric; Mrs. Alice Young of the Hillsborough County School Lunchrooms; Mrs. Amy Thompson of Florida Power Corporation. The dishes were judged on appearance and taste, after they were prepared by home economists at Tampa Electric's Leisure House.

Winning Recipe
(Continued from page 48)

Amy Thompson, home service director, Florida Power Corporation; Mrs. Alice Young, food supervisor of the Hillsborough County School lunchrooms; and Mrs. Betsy Byrnes, home service director, Tampa Electric Company.

This year the entries in the state contest were prepared in Tampa Electric Company's Leisure House by their home economists and the judging was based on appearance as well as taste. Here are the winning recipes:

STEAK FLORIDIAN
2 pounds round steak
1 cup tomato catsup
1/2 inch thick
1/2 cup water
1/4 cup all-purpose flour
1 teaspoon salt
1/4 teaspoon pepper
6 whole cloves

Cut steak into serving pieces. Mix flour, salt and pepper; pound into steak. Brown steak in shortening. Combine catsup and water, pour over steak. Arrange onion, orange, lemon slices and cloves in pattern over steak. Cover. Bake 1 hour in moderate oven (350°) or until steak is tender. Serves 6.

BEEF STROGANOFF
2 lbs. top sirloin, 3/4 inch thick, cut in strips 1/4 inch wide. Dredge in flour, salt and pepper, amount to taste. Brown fast in hot skillet in 1/4 pound butter or margarine.
1/2 cup green pepper
1 cup mushrooms (fresh)
1 cup onions

Brown together in 2 tablespoons butter. Add onions, pepper, mushrooms to meat. Add to onions, peppers, mushrooms, meat:
1/2 cup dry sherry
1 teaspoon paprika
1/2 cup tomato
1/2 teaspoon caraway seeds
1 cup beef stock
1 teaspoon cinnamon (or bullion cube)

Put in uncovered casserole and bake in 375 degree oven for one hour. Serve on toast or rice with large bowl of chilled commercial sour cream.

DAD'S DAY ... beef promotion a year ago won Florida Beef Council this award from the Florida Public Relations Association. Shown receiving it is Louis Benito of Tampa, whose advertising agency handles Beef Council promotion, while John P. Ingle, Jr., of Jacksonville makes the presentation.

The Florida Cattleman
JO-SU-LI
Trademark of Quality Herefords
Herd Bull Power in the Deep South

Here is a herd sire representation of the powerful bloodlines in our herd. Visit us for your herd bull and foundation needs.

A herd founded 17 years ago on Silver, Pioneer, Real Prince Domino, and Hazlett bloodlines and continually striving for...

... Quality Plus Pedigree!

JO-SU-LI FARMS
Located on Hwy. 91, 15 miles east of...
Colquitt, Georgia
Mr. and Mrs. Clarence Cross, Owners
Ralph Thompson, Herdsman
HSF BEAU PRINCE—One of our Herd Sires

We are especially proud of this fine herd sire because he has everything discriminating cattlemen are looking for, size, scale, and a pedigree which is hard to beat. We purchased HSF Beau Prince in 1956 at the Southeastern Polled Hereford Show and Sale at Valdosta, Georgia, where he reigned as grand champion. Stop by and see him.

We Are Happy to Be Named to 3rd Place in the PREMIER EXHIBITOR AWARD

CZR ADUANETTE Reserve champion at Webster

George A. Zallner Owner
Clifford Greene Herdsman

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BREEDERS OF POLLED HEREFORDS
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REGISTRATION
Polled Herefords Good heifers and bulls only $150 at 6 months of age.

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Cows—Bulls—Calves Bred & Open Heifers For Sale $150 to $250
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Don't Be Caught Again Without Silage!
Popoc Forage Harvester For Sale
New Condition—50% off, 45 H.P., Leral Engine, Row Crop Attachment, Direct Cut Attachment, Hay Pick-up Attachment.

SKY MEADOWS FARMS Phone CA 6-3475
THOMASVILLE GEORGIA

HEREFORDS
See us for outstanding bulls and females, Featuring Flat Top Rupert 39th as chief herd sire

Payne & Son C. M. & Kelsey F. Payne, Owners, Phone 64399
SEBRING, FLORIDA

Barron Is Head of New Flood Group

The FCA’s new Flood Control Committee—with a representative from each of the counties in the Central and Southern Florida Flood Control District—organized in Okeechobee in late May (electing W. B. “Barney” Barron of Labelle as chairman), met again on June 18 during the Cocoa convention to learn about flood control plans direct from Col. Paul D. Troxler and Ed Eaton of the Army Engineers at Jacksonville, and from Bolivar Hyde and W. H. Hitt, administrator and chairman respectively of the Flood Control district.

The committee has taken no action of any sort as yet, but many aspects have been discussed:

1) Will it be possible for coastal tourist interests to block discharge of water from Lake Okeechobee through the Caloosahatchee River and St. Lucie Canal? Answer: Unlikely, but studies are proceeding as to feasibility of a southerly exit from the lake, either to Cape Sable or to Conservation Area III, west of Highway 27.

2) Will improvement of the Kissimmee River further complicate troubles around Lake Okeechobee? Answer: The Kissimmee is a big project in itself, and discharge problems from the big lake will be solved before the river discharge becomes a problem.

3) Will flooding along the Caloosahatchee continue? Answer: Deepening and widening of the Caloosahatchee, coupled with another lock below Alva, will relieve the situation eventually.

4) What’s planned on the St. John’s? Answer: As of now, a dike is planned along the entire east side, with reservoirs planned on Lake Poinsett and Lake Washington.

5) If the lake level of Lake Okeechobee is raised, by diking it all the way around, how will surface drainage be handled on the northern shores? Answer: By installation of pumps.

At the Okeechobee meeting, Ben Hur, West Palm Beach drainage engineer, gave some of the background of flood control and drainage work in the Okeechobee area. (Item: He pointed out that the shoreline in Seminole War days was at the 21-foot contour line, as much as six miles back from the present lake shore!)
YESTERDAY'S HERD BULL
Won't Satisfy Today's Requirements

But!
Our
Herd
Sires
Do!

EER Victor Anxiety 15th

The 15th has proven himself by his calves. We had to purchase an entire herd to secure the services of this outstanding sire, but we feel that he has more than justified the purchase price. He and the other herd sires are doing a great job in our 100% clean pedigreed cow herd.

Other Herd Sires In Service:
CA Beau Prince
CA Victor Tone 23
JHB Victor Anxiety

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Mr. and Mrs. J. C. Archer, Owners
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Located on State Highway 15, between Sparta and Sandersville at Warthen

Bruce Purdy, Mgr.
Phone Sandersville 3762
P. O. Warthen, Ga.
Jim Van Meter—Show Herd

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Charles W. Crooks, P. O. Box 110, Phone 186-J
Willis R. Negus, 1015 Delaware Ave., Phones 2439, 1890-R-2
C. W. Peters, P. O. Box 42, Phone 1032-M
M. H. Scott, P. O. Box 629, Phone 1897-W
Thomas L. Sloan, 1033 Orange Ave., Phone 500

STUART
Crane Creek Ranch, W. J. Matheson, Bin 11, Phone 1085

VERO BEACH
Corrigan Ranch, Pat Corrigan, P. O. Box 901, Phone 6749

MEMBERS: FLORIDA HEREFORD ASSOCIATION

Disaster Feed Shipments Told

A TOTAL of 2025 carloads of hay and grain was moved into Florida disaster areas, caused by last winter's freeze and heavy rains, under reduced freight rates between February 21 and May 12, according to reports by three rail lines serving Florida–Atlantic Coast Line, Seaboard Airline and Florida East Coast.

Seaboard reported moving 1313 carloads into disaster areas. Florida East Coast handled 72 carloads and Atlantic Coast Line 640 carloads. Only ACL offered a breakdown of the hay and grain movements, reporting a total of 173 carloads of hay and 467 carloads of grain.

Tampa was the heaviest consignment area, receiving 306 carloads of grain and 32 carloads of hay. Next was Lakeland with 53 carloads of grain and three carloads of hay.

Some other areas receiving shipments, listed with the number of carloads of hay and grain in that order, were: Pierson 5-4; Sanford, 17-0; Seffner 9-7; Okahumpka 14-0; Dundee 2-11; Pine Castle 10-3; Pinellas Park 10-3.

Cattle Losses Estimated At 76,000 Last Winter

With the death of an estimated 76,212 head of cattle, the cost of additional feed and the expected drastic reduction in the calf crops for the next year, the freeze last winter will cost the cattle industry of Florida in excess of $30 million, according to a report compiled by the First National Bank of Miami, condensed from reports submitted by county agents and available through the Florida Agricultural Extension Service.

Following is a portion of the report:

"An estimate of the number of beef cattle in Florida as of the first freeze on December 12, 1957 was 1,754,811 which compares with 1,674,348 shown in the 1954 census. From the date of this first freeze through February 15th, death losses of mature beef cattle were estimated at 30,962 and of calves at 45,250 for a total animal loss of 76,212.

This amounts to 4.3% of total cattle numbers. Normal death losses of cattle during a winter in Florida is only about 1%.

The value of beef cattle death losses within the above estimates was $4,364,192 with about $57 as the average value per head.

The severe winter made it necessary to purchase extra feed as compared with normal winters, the total value of which has been estimated to be about 4 million dollars.

The normal beef cattle crop percentage for the state is about 60%. It is further estimated that the calf crop for next year (calves to be born early in 1959) would be reduced below normal by 42% or 440,000 less calves in 1959 as a result of the bad winter. If an average value of $50 per head is assumed, the dollar loss of income to Florida cattlemen next year will amount to about $22 million. This is much greater than the combined value of the cattle that died and the extra feed bought.

It seems evident that actual losses as a result of the severe winter cannot be estimated accurately at the present time.

For some ranches the calving season is just beginning. Many of these newborn calves will die as a result of malnutrition of their dams. A large number of cows in the breeding herds will never breed again and must eventually be replaced. Such replacements now are much higher in price, of poorer quality and fewer in number.

Silage

(Continued from page 67) should be secured. It is very important that herd replacements be fed liberally.

Weaning calves will not winter satisfactorily on grass silage alone. Calves weighing from 450 to 500 pounds will consume a maximum of 30 pounds of grass silage per head daily. Weaning calves should gain at least 0.75 pounds per day during the wintering period. Therefore, when grass silage is fed, at least 3.0 pounds of an energy feed such as citrus pulp should be fed per head daily. In addition a protein supplement should be fed at the rate of 1.0 to 1.25 pounds per calf per day. Silage made from corn or the grain sorghums is preferred for wintering calves. Calves should have access to pasture or hay should be fed in addition to the silage.

Consumers Eat Out

Consumers are buying more marketing services these days in the form of meals in restaurants, and convenience foods—food items which are ready to cook or serve at the time of purchase.

As an indication of the popularity of "eating out," it has been found that 25 percent of the eating done by consumers in this country is bought as meals in restaurants and other public eating places.

The Florida Cattlemman
STOCK BEETS (. . . (mangelwurtzel) were raised successfully by Kissimmee’s vo-ag chapter and fed to the chapter’s pigs. Here Ed Partin, Jack Calhoun and Ed Yowell hold two of the beets, one weighing 18 pounds, the other 27. No disease, no insect troubles and water and cold weather don’t bother them, reports Bill Perry, adviser, who has planted the plant for three straight years now.

Spring Pig Crop Scores Increase

For the 1958 spring pig crop, reports on breeding intentions have indicated a total of 7.8 million sows to farrow, which is six percent above the number that farrowed last spring, according to a survey made by USDA’s Crop Reporting Board.

If the indicated intentions for spring farrowing materialize, and the number of piglets saved per litter equals the 10-year average, the 1958 spring pig crop would be 56 million head.

The expected gain in the spring crop (December to June period) follow a two percent boost in fall production up to December 1, led by the north central states. The 1957 spring pig crop was estimated at 52,591,000 pigs, down one percent from the preceding year, and the fall crop was set at 37,094,000 head, up two percent. This gave a yearly total of 89.7 million head, only slightly larger than the 1956 crop.

Compared with 1957, only the North Atlantic states are planning to reduce spring farrowings, while all other regions show increases as follows:

- North Central, up six percent
- South Atlantic, up eight percent
- South Central, up two percent
- West, up seven percent

While Florida’s area (South Atlantic) reports the highest anticipated increase in the nation, the state itself is reported with breeding intentions of 67,000 head of brood sows. This is the same figure that USDA has reported for the state in both 1956 and 1957. However, the average number of sows farrowing in the spring in the state during the period 1946-55 is reported at 76,000. The number of sows in Florida reported farrowing in the fall of 1957 is set at 43,000, which is 3000 down from the 1956 figure and down 17,000 from USDA’s fall average for Florida 1946-55.

Hampshires

Breeding stock of all ages available
- weaned pigs
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- open gilts
- boars

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- New offering weaned pigs, bred gilts and boars for sale.

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O'BRIEN, FLORIDA
NOW IN OUR 40TH YEAR OF MANUFACTURING QUALITY FEEDS FOR THE LIVESTOCK INDUSTRY OF FLORIDA UNDER THE FAMILIAR BRAND NAMES OF

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- JACKO
- IMPERIAL
- COLLEGE

Better Feeds for Florida's Better Breeds of Livestock

LAKELAND CASH FEED CO.
P.O. Box 439 Lakeland, Fla.

News About Florida

Dairying

Portion of modern Boutwell-Matheson dairy unit

State Fair Dairy Show Plans Outlined at Meet

The possible combination of the Florida special dairy show and the open show for the 1959 Florida State Fair was the main topic of discussion when members of the Florida State Fair staff met with dairymen in Orlando for the dairy show planning meeting April 29.

Several dairymen favored retaining the Florida special show, while others, arguing that the combination of the two shows would make for a stronger show, resulting in more good for Florida dairymen, favored the combination.

Following the discussion, a vote revealed that of those present, nine favored combining two shows, one favored retaining the Florida special, three abstained from voting, and two breed association representatives said they would rather refer the question to association meetings before voting. M. E. Twedell, assistant fair manager, told the group that the recommendations would be referred to the fair livestock committee for further action.

Dr. C. L. Campbell, State Veterinarian, spoke of the very stringent health rules of the fair which presents problems to out-of-state exhibitors since the fair demands "close to the ultimate," ranking next to the top in stringency of any state fair in the country.

He asked the group to consider eventual requirement that show herds at the fair be brucellosis free as the North Carolina State Fair now does. He said, "We are testing in each county and have certified 15 West Florida counties as brucellosis free, and we hope to have the entire state so certified by 1960."

It was agreed that a paragraph should be placed in the 1959 Premium List stating the objective of the dairy industry of Florida is to be certified Brucellosis April Milk Production

Milk production during April took a slight drop but still scored above the 10 million gallon mark, with the drop being registered in Class I milk. Of the total production of 10,116,882 gallons, 90.8 percent sold as Class I, compared to 92.5 percent of the March production of 10,707,990 gallons.

Put another way, production of Class I milk in the state during April was 9,191,072 gallons, compared to 9,905,746 during March.

The Class II designation has a slightly different meaning under the Federal Marketing Order effective in the lower east coast counties, but Class I in that area and in the rest of the state which is regulated by the State Milk Commission means milk sold as whole milk for human consumption. It should also be pointed out that, although Walton, Okaloosa, Holmes, Santa Rosa, and Escambia counties are not now under the jurisdiction of the State Milk Commission, their production totals are still being included along with the other counties in the Tallahassee-Pensacola area.

Following are the April figures by areas:

<table>
<thead>
<tr>
<th>Area</th>
<th>Class I</th>
<th>Class II</th>
<th>Class III</th>
<th>Total</th>
<th>% Class I</th>
</tr>
</thead>
<tbody>
<tr>
<td>Northeast</td>
<td>1,281,238</td>
<td>186,544</td>
<td>70,199</td>
<td>1,537,971</td>
<td>83.3</td>
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<tr>
<td>Tampa Bay</td>
<td>2,229,456</td>
<td>188,591</td>
<td>11,639</td>
<td>2,429,686</td>
<td>91.7</td>
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<tr>
<td>Tallahassee-Pensacola</td>
<td>820,613</td>
<td>113,264</td>
<td>17,101</td>
<td>974,064</td>
<td>84.2</td>
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<tr>
<td>Central Florida</td>
<td>1,183,490</td>
<td>100,437</td>
<td>17,101</td>
<td>1,301,028</td>
<td>90.9</td>
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<tr>
<td>Lower East Coast</td>
<td>3,676,285</td>
<td>197,848</td>
<td>0</td>
<td>3,874,133</td>
<td>94.8</td>
</tr>
<tr>
<td>Total</td>
<td>9,191,072</td>
<td>786,684</td>
<td>139,126</td>
<td>10,116,882</td>
<td>90.8</td>
</tr>
</tbody>
</table>

May figures for the Lower East Coast area have been released by the Federal Administrator showing the following figures:

<table>
<thead>
<tr>
<th>Area</th>
<th>Class I</th>
<th>Class II</th>
<th>Class III</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lower East Coast</td>
<td>3,650,282</td>
<td>195,343</td>
<td>0</td>
<td>3,845,626</td>
</tr>
</tbody>
</table>

The Florida Cattleman
ON JUNE 3 IN TALLAHASSEE members of a committee, appointed by the Milk Commission and representing both the industry and the Commission, met to discuss the military milk problem. There was complete agreement in that all parties represented wanted this military business for Florida farmers. It was also agreed that none of the bids recently accepted by the military in Florida could have been met locally at any profit to the local producer. Much of the milk is currently being supplied at 54 cents a gallon delivered with only 27 cents a gallon being the farmer's share. WE ARE BETTER OFF WITHOUT SUCH BUSINESS!

IN SOME PEOPLE'S OPINION there are several ways of possibly taking the armed forces out of the distress milk business. (1) The Florida Milk Commission is granted the authority to work with other State and Federal agencies—maybe a meeting between the Commission and Department of Defense officials is in order; (2) The Federal Marketing Order has met and solved this problem and other problems dealing with interstate commerce very satisfactorily, therefore, it may be to be the dairy farmers' best interest if the Florida Milk Commission invited the USDA Dairy Marketing group down to discuss the possibilities of joining hands in some type of Federal-State order which would be more effective in solving our problem than either group could do alone. It is the feeling of some that a Federal-State order would: (a) lend more stability to the Commission by taking its administration out of politics; (b) that possibly the State influence might curb some of the surplus-creating tendencies of the Federal Marketing orders; (c) such a body would be more capable of rapid action than the Federal order since its headquarters would be closer to the problem.

I AM OFFERING NEITHER OF THESE as solutions to the military milk problem, but am saying a new approach is needed. Up to this point the question has been asked how can we get our milk priced low enough to obtain military contracts? Should the question not be how are we going to get the armed forces milk contracts priced high enough so that the low bidding distributor's producers are not losing money on every gallon of this milk they produce? If producers in other states could produce milk profitably for the military market in our state at its present price we would have no complaint. At the present time, however, all of the milk contracts served from out of the state are equally unprofitable to our northern neighbors. To me, this means we have not taken the dairy farmer's story, complete with facts and figures, to the right people.

THE DEFENSE DEPARTMENT has come to adhere to the policy of payment of the group wage in the area to its civilian employees. I feel the same is in order for perishable food products for it has been found that the local civilian population is obtaining their milk on a year round basis as cheaply as is possible when cost of production or cost of importation is considered. We see no reason for the same government to be, at the same time, supporting the price of milk and causing dissension in the market by breaking local price structures on milk.

I WOULD LIKE TO URGE all dairy farmers to examine their cost of production of milk and to produce only for those markets which they feel will show them a profit. In the end, a man is just as broke if he loses a little money every day or all in one day. Let's all see if we can't gain our Florida military contracts at the Florida Class I price rather than breaking our price structure and losing that much needed revenue.
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American Dairy Princess . . . Sandra Sue Stout poses with several officers of the Central Florida Milk Producers Association during a recent visit to Orlando.

Free by 1960, and that show herds would have to be Brucellosis free to be entered in the Florida State Fair at that time.

Dr. Campbell said he did not recommend any changes in the rules and regulations for the 1959 fair, but that consideration should be given for future shows and time allowed for everyone to be fully aware of the changes.

The possibility of a southeastern Jersey sale at the fair was discussed. Tweedell said that fair personnel were intensely interested but that it was necessary to know about the sale promptly so that mechanics of handling the extra 50 animals, judging time and other details, may be worked out satisfactorily, in an already tight schedule.

A production contest for greater dairy show publicity was discussed and a suggested set of rules was read by C. W. Reaves, dairy husbandman, University of Florida, Gainesville. It was agreed that the next step should be the mailing of the rules to dairy exhibitors to get their reaction to such a show, with answers requested in time to have the replies published in the 1959 premium list.

Central Florida . . . milk distributors talk with Sandra Sue Stout, American Dairy Princess, during her recent Orlando visit. From left, they are: Dick Lawrence, Perfection Dairies manager; C. E. Wentworth, Foremost Dairies manager; and T. G. Lee, owner of T. G. Lee Dairies. Miss Stout represents the American Dairy Association.
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Selling of Timber Can Be Problem

Private forestry service suggested by E. A. FOSTER

HAVE YOU ever sold timber and found yourself deluged with unforeseen headaches while it was being cut and hauled away?

Headaches such as damaged ditches, improved pastures and fields cut up by logging trucks, ranch roads rutted and left impassable, fences cut or broken and left poorly repaired, gates left open, stumps cut too high, good timber left lying on the ground, unnecessary damage to young trees, heavy stands logged, but scattered trees left uncut, large, high-value trees cut into pulpwood, and to top it all off, delays and difficulties in collecting your money?

In some sales, few—if any—of these troubles occur. But there are cases where all of these headaches seem to descend. Why?

There is no single reason, of course. But there are two ways of selling timber: you can get the advice of your own private forester before the sale is made, or you can play it by ear and take your chances.

To get the advice of a private forester is a sensible precaution—the stitch in time that saves nine. It need not be a costly service. Merely a call at his office for consultation, for a modest fee, may require is a few words of expert counsel. Yet these few words may be the key to avoiding difficulties and to getting you the best returns financially.

If you are a rancher managing your own place, you may not need or desire the complete kind of forestry that absentee owners frequently obtain. All you may require is a few words of expert counsel. Yet these few words may be the key to avoiding difficulties and to getting you the best returns financially from your timber.

Let's suppose you have an offer from a buyer who will send his own forester into your woods to mark the trees that will be cut. What about the marking rules to be followed by that forester? Is his dividing line between pulpwood and sawtimber size one that will bring you the most money for your trees? Do his marking rules provide for leaving an adequate stand of well-spaced, superior-quality trees to grow for future harvests? What sort of inspection should be made to insure that the marking will be done according to the rules?

It is no reflection on a forester retained by the buyer to say that he cannot be expected to put your interests first in these matters. As with a lawyer, a forester has a responsibility to safeguard the interests of his client or employer. Nor does it reflect upon a forester employed by state or federal government that he avoids taking sides with either buyer or seller in a timber sale, since it is his duty as a public servant to serve both sides impartially at all times.

Or let's suppose you merely want to get the timber off a piece of land so that it may be developed for some other use. What do you know about safeguards that could be included in the timber sale agreement as protection against those headaches? Such safeguards are old hat to most private foresters, and advice in making timber sale agreements is part of their business. Here again, all you may need is an office consultation to save you pain and money.

What about inspection and checking while the trees are being cut? Your own forester can advise you on this, or do it for you, in order to keep control of the operation and correct violations of the timber sale agreement before they go too far.

Would it be more satisfactory for you to sell wood on the stump, or f.o.b. railway siding? Your forester can help you weigh the pros and cons in making this decision. If you should decide on a railway siding sale, he might also help you find a responsible contract logger to serve you.

What would be a reasonable price to pay a contract logger? Here again, the private forester can look over your woods and estimate the cost of cutting the wood and putting it on railway cars.

In other words, getting acquainted with one or more private foresters and calling on one of your choice before entering into a timber sale agreement can be smart business.
Leeches is a disease of horses rather common in Florida, as well as other Gulf Coast States. The disease is characterized by a raw, open, round, flat, granulating wound which starts as a break in the skin and gradually increases in size until in some cases a diameter of 14 to 16 inches may be reached.

The name “leeches” is a misnomer. Leeches rightfully are parasites. However, this disease has been regarded as caused by a fungus since early reports many years ago. Only in recent years in some foreign countries has this disease been associated with a cutaneous (skin) parasite. However, investigations in this county have never associated a parasite of any kind with the occurrence of the disease.

The disease occurs usually in low, wet pastures. Some pastures have a history of frequent occurrence of the disease among animals allowed to graze therein.

Some horses are susceptible while others apparently are somewhat resistant to infection. The disease may occur repeatedly in the same animal.

The lesions are found on the lips, about the head, neck, legs and belly, or those areas which most frequently come in contact with the soil.

As a general rule, the first thing that is noticed is a slight localized swelling of the skin. This swelling increases in size until the skin ruptures. The wound then becomes raw and open, never healing, but gradually increasing in size and becoming more and more angry in appearance. Many cases are not observed until well advanced. At this stage the skin may be two inches thick.

The infection, which primarily involves the skin, may occur in at least three forms. In most common form the “leeches” occur singly or in small groups scattered throughout the inflammatory area. When the lesion occurs in the belly, long strands of thick viscous exudate hang from the wound. In a second form, a handful of “leeches” may occur in a pocket with a direct opening of the skin. In a third form they may occur in a pocket with a long fistulous tract eventually leading to an opening in the skin. 

(Continued on page 113)
Family Trail Ride Proves Enjoyable

Ride is held near St. Cloud

by BOB COPELEN

LET'S CAMP out some time.

That remark has been made to me many times, especially by the young boys and girls, but also the mammas and papas, too. Well, on a recent weekend C. L. Mann of St. Cloud and his family made these people's dreams come true.

A few weeks ago I ran across with Mrs. C. L. Mann in Kissimmee and she said: "Bob, how about coming on a weekend camping trip with us?" "Well, I'm right ready," I gave her the answer real quick. She said it would cost each one only $5.00 and they would furnish the cooks, beef, pork and all the trimmings. Believe me, we really had every bit of that we could eat and more.

We met at the Triple E Ranch at the main ranch house and feeder pens on 441 South of Ashton about six miles at 8:00 o'clock one Saturday morning. There we put all our horse feed, bed rolls, etc., in a jeep and trailer and C. L. led out for the open range of the Triple E Ranch and other grazing lands adjoining the 10,000 acre Triple E. You could look back and see riders strung out for a mile.

The cooks, Chavis and Reba Lewis, were some cooks. When it comes to fixing up a week-end group, they have the know-how—real old fashioned home-style cooking even under the disadvantages of a camp.

The riders started out with C. L. Mann's "Mush" riding his black cutting-horse stallion, "Steve," in the lead. Following were Sybil and Slim Partin of Kissimmee, Tim Taft of Orlando, Bill Barber and his son, Clint Wood and his daughter Nancy, Billy Lewis (better known as "Sweetie"), Dennis and Lo- mar Lewis, all of St. Cloud; Jerry Mac Brown, St. Cloud, Dr. Rinaman and his daughter, Carolyn of St. Cloud, J. C. Trice and his six-year-old son, Jimmy, and daughters Carolyn and Kathryn; Becky Tanner of St. Cloud, Billy Tyson, St. Cloud, and the young school teacher (PE) from St. Cloud, Ann Grayson and Bob Cope len from Union Park (that's me!).

We traveled east of Triple E Ranch to just below Buck Lake and circled in around Cat Lake continuing east of Lake Conlin and crossed over the old Kissimmee-Melbourne highway. We then traveled northeast passing by Coon Lake and along Trout Lake; just south of Lake Myrtle we came up to a bridge that we didn't consider safe so we crossed the canal the old style way. We forded it. Why? Because just to the other side was dinner! Barbecue pork, beans, coffee, grapeade, the works—and by that time we were ready for a good meal.

The small ones were ready to stretch their legs and the older ones ready to stretch more than their legs (siesta time)!! Well, we pulled the saddles off and fed and just plain took it easy. Some of the younger set brought their bathing suits and went swimming—even took their horses swimming. Well, the dinner bell rang and we enjoyed the thrill of walking through the smoke-filled atmosphere of barbecued beef and the smouldering lighter-wood to a feast of beans, bacon and coffee boiling over an open fire.

Later in the afternoon we moved on to Lake Myrtle to the evening camping site where we found an old abandoned house and barn, complete with pens for the horses, and available cover in case of rain—but it didn't come—not then, that is.

The youngsters once again took to the beach to enjoy the cool, fresh water after their long ride.

We weren't without incidents and entertainment as all trail rides have their outstanding features. On this one we had our friend, and your friend, Acrobat "Wild Bill" Barber. It seems one of the little girls, who was trying to take her horse bathing, didn't have the power of control to move her horse into the water. "Acrobat Bill," dressed in his swimming trunks, his horse wet and slippery, dives for the horse on the off-side and the pony just decided to duck her head and leave Bill the wide open spaces. "With her tail in the air and her head tucked low, "She made a pitch and left him so . . . With his feet in the air and his tail up high!" Bill looked up to see nothing but the sky.

From out the yonder, Old Bill came down, "To find nothing but the solid ground! But never fear, Bill mounted again.

MARY COLLETT . . . Lakeland cowgirl artist, is shown as she competed on the $64,000 question recently.
With a grip on the mane and the rein in his hand,
He wheeled the old horse and, yes, she swam!
So Bill gave the entertainment and we were all called by the dinner bell which was a sound we had all been waiting for. Now, we all settled down to barbecue beef and all the trimmings and the fire had smoldered down. The talking by the fireside was all over and all the youngsters turned in and the fleet of mosquito bombers descended for their evening meal!
Early the next morning we arose to a breakfast of eggs, bacon and beans. After saddling and readying ourselves for the day's ride, we continued around Lake Myrtle, forded the canal and crossed over Dead Man's Strip. There we ran into deer crossing the prairie, which as a sight that many of us had never experienced. Shortly after crossing the prairie, the rains came. "Sweetie" Lewis and myself, bringing up the rear, decided to take a short cut to catch up with the other group. In doing so we ran into some wild hogs.
In paying attention to them and not to the trail which the other riders had taken, we promptly found ourselves lost in the middle of 147,000 acres. By the time we had ridden down one trail and up another through drenching rain and picked up the trail of the other riders to round a bend in the trail, we found them huddled under scrub oaks covering themselves with their saddle slickers.
We then continued to the camp where dinner was waiting. After dinner and a period of warming ourselves before a blazing fire, we loaded the small youngsters in the jeep and trailer to finish their journey home.
We arrived back at the Triple E Ranch at about 3:30 p.m. Sunday. It had stopped raining and were the little ones going to be outdone . . . No . . . they hiked back down the trail to those of us who were leading their mounts, as a good trail rider would, waving and shouting: "I'll ride him in the rest of the way."
We all had a wonderful time and the question was asked and we decided to make it the first, but not the last, trail ride for this group and all of those who wished to join us on the next trail adventure.
Anyone interested in making this ride, contact C. L. Mann, St. Cloud, or drop him a card care Triple E Ranch, St. Cloud.

CATTLE GRUBS cost the nation's beef industry some $5,900,000 in carcass and hide damage alone during the first three months of 1958. This information was disclosed in the quarterly summary of the National Cattle Grub Loss Survey.

The quickest and most effective way to eradicate quack grass is to spray it with amino triazole, according to Weed Specialist E. P. Sylvested of Iowa State College.

for July, 1958

103
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LIVESTOCK NOTEBOOK

by T. J. CUNHA
Department of Animal Husbandry and Nutrition Florida Agricultural Experiment Station

Tranquilizers May Be Beneficial

TRANQUILIZERS are drugs which bring about a calming or sedative effect without inducing sleep. Many humans have been using them to calm their nerves and set them at ease. Now they are being tested with animals as a sedative to quiet an upset, nervous, wild animal. They are also being tested in smaller amounts in the feed to get better gains and feed efficiency by probably decreasing the amount of waste motion and minimizing the effects of mild stress factors. As yet it is not known, however, exactly how they help nutritionally. Pfizer research farms and some experiment stations have already found that Tran-Q (which is Pfizer’s trade name for hydroxyzine, a synthetic tranquilizer) will increase gains and feed efficiency with steers and sheep. The Tran-Q has been used at a level of about 2 1/2 milligrams per steer daily. As a sedative, the Tran-Q is being tried with calves at weaning to see if it will stop bawling and help in preventing the setback due to weaning. It is also being tried with steers being shipped to market to determine if it will reduce shrink and injury due to bruises. Many other kinds of experiments are being tried with cattle, sheep and other animals. Much still remains to be done but preliminary information is encouraging toward the beneficial effects of tranquilizers. Tranquilizers will need more studies and then will need the approval of the Food and Drug Administration before being allowed in animal rations. They will need to make sure their use in livestock rations will not harm humans consuming the meat.

Multiple Farrowing Will Help Price Level

MULTIPLE FARROWING means spreading the farrowing season to four to six times during the year rather than once or twice as in the past. This means the farmer will have pigs available to go to market throughout the year rather than once or twice. As more farmers use this system it will help the market price of hogs and will eliminate the extreme highs and lows in price. The trend is toward multiple farrowing which would result in a more even price for hogs throughout the year which should be a healthy situation for the farmer.

New Beef Circular is Available

A NEW Florida Agricultural Experiment Station Circular S-106 by Dr. J. F. Hentges and others in our department is now available. It is entitled “The Winter Feeding of Standard, Utility and Cull Summer Beef Calves for Slaughter.” It gives some recommendations on feeding and handling these kind of calves. A copy can be obtained from your county agent or by writing to us.

Make Sure Animals Have Plenty of Water

A RECENT experiment showed that you can kill pigs with only two percent of salt in the ration if the pigs do not get enough water to drink. This means the toxicity of the salt is due to a lack of water to wash it out of the body system. Thus, any time one uses feeds with high levels of salt in the ration with pigs, or with cattle to control cottonseed meal or other protein intake, one needs to make sure they have plenty of water to drink. Many cattle and hogs do not have a supply of clean, fresh water at all times. This should be a must on all farms since animals, like humans, will not function at full capacity unless they have plenty of fresh water whenever they feel like drinking. With the present hot weather it is doubly important that an adequate supply of fresh water be always available.

Tapazole—Not Enough Data Yet

WE HAVE had many inquiries concerning the use of Tapazole in cattle rations. Recently Iowa showed it helped beef cattle in rate of gain and efficiency of feed utilization. This work is now being repeated at Iowa and at other stations and it will be sometime before it will be known whether it definitely will have a place in being added to cattle rations. A few stations have not received any benefit from adding Tapazole to steer rations. This means much more study is needed on this problem. Tapazole is a compound which has a goitrogenic effect. This means that it inhibits the thyroid gland and thereby having the effect of slowing up the animal’s metabolic rate.
'Everything for the Cowman' in Osceola County

Kissimmee is the "Cow Capital of Florida"—Headquarters for the Florida Cattlemen's Association. St. Cloud, also, has a big stake in the cattle industry. Both of these communities welcome the patronage of the cattlemen. In Osceola County you can find a variety of cattlemen's clothing, equipment, supplies, and the like not available anywhere else in Florida. Visit us during the rodeo—and all during the year. Osceola County truly has "Everything for the Cowman."

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PROGRAM

Friday, July 4—Rodeo Parade .......................... 11:00 a.m.
Friday, July 4—SILVER SPURS RODEO ............. 2:30 p.m.
Saturday, July 5—Quarter Horse Show ............... 10:00 a.m.
Saturday, July 5—Novice Cutting Contest .......... 11:30 a.m.
Saturday, July 5—Quarter Horse Reining Contest ... 1:30 p.m.
Saturday, July 5—Quarter Horse and Cowpony Races ... 2:00 p.m.
Saturday, July 5—First Go-Round, Open Cutting Contest 7:30 p.m.
Saturday, July 5—SILVER SPURS RODEO ........... 8:00 p.m.
Sunday, July 6—Second Go-Round, Open Cutting Contest 2:00 p.m.
Sunday, July 6—SILVER SPURS RODEO ............... 2:30 p.m.

CONTESTANTS

$2250 IN PRIZE MONEY, with $15 entry fees added. Five contest events: Saddle Bronc Riding, Bull Riding, Calf Roping, Bull-dogging and Bareback Bronc Riding. Also Open Cutting Contest before Saturday and Sunday performances. The Silver Spurs Rodeo is R.C.A. Approved. Entries close at 4 p.m., July 3. TICKETS—Reserved seats (adults): North Stands $2.00; South Stands $2.50 (children $1.00 less). Box seats in South Stands, four for $8.00, admission extra. Bleacher Seats: Adults $1.50, children 50 cents (included in reserved seat prices above). Plenty of Free Parking Space. Admission for Quarter Horse races: $1.00, children 16 and under FREE.

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TUPPERWARE®
FOURTH of July Rodeos Are Slated

Two events report results

THRIILS, SPLILLS and plenty of action will be served to the rodeo fans of Florida during the Fourth of July weekend, with some of the nation’s top cowboys competing in three Florida rodeos at Arcadia, Kissimmee and Jacksonville Beach.

Both the Arcadia All-Florida Championship Rodeo and the Silver Spurs Rodeo at Kissimmee will have performances on July 4-5-6, while the Jacksonville Beach event will open July 3 for a three day run.

All three performances at Arcadia will be held at 2:00 p.m., with a big Western parade at 10:00 a.m. Friday, July 4. There will be other features, including a grand fireworks display at Lake Katherine Park Friday and Saturday evenings at 8:00 p.m.

The all-amateur contest will feature the regular rodeo events, bronc riding, bull riding, bulldogging and calf roping. There will also be flag racing and clover leaf barrel racing for the cowgirls, and the famous Quadrille at each performance.

At Kissimmee a gala downtown parade will open the festivities at 11:00 a.m. Friday, July 4, with the first performance of the rodeo scheduled for 2:30 that same afternoon.

The Florida Quarter Horse association will hold a Florida Quarter Horse Jamboree in conjunction with the rodeo, starting with a halter show at 10:00 a.m. Saturday, July 5, and a novice cutting contest at 11:30 a.m. the same day at the rodeo site. Open cutting contests will be held prior to each rodeo performance of the rodeo on Saturday and Sunday.

Performances of the rodeo are scheduled for Saturday at 8:00 p.m. and Sunday afternoon at 2:30, with the cutting contests to begin a half hour prior to the show.

Quarter Horse and cowpony races will be held at the rodeo site at 2:00 p.m. Saturday. Contestants in the rodeo will compete for $2250 in prize money, with entry fees added in calf roping, bulldogging, bull riding, saddle bronc riding and bareback bronc riding.

For the cowgirls there will be clover leaf barrel racing and the famous Silver Spurs Riding Club will present a Quadrille at each performance.

The Jacksonville Beach event, sponsored by the Beaches Kiwanis Club to raise money for a youth activity fund, will be produced by Circle M Ranch Rodeo of Gainesville, with performances scheduled for July 3-4-5 at the Jacksonville Beach Municipal Stadium.

Winners, listed in order by events, at the Plant City and Crestview rodeos, both held May 23-25, were as follows:

Plant City
Calf Roping–First: W. R. Crawford (19.5); Buddy Best; Roland Skipper; Second go-round: L. C. Sapp (19.5); Skipper; Herman Mancil
Bull Riding–First go-round: Richard Loving (19.0); Bobby Rowe; Van Adams; Second go-round: Jake Hansel (4.7); Harvey Brown; Tommy Clark
Bareback Bronco Riding–First go-round: V. L. Underhill; Howard Barker; Ray Parrish; Second go-round: Jabo Browning; Don Boyd; Rowe

Crestview
Bareback Bronc Riding–First go-round: Buddy Browning; Rowe; R. L. Williams; Second go-round: William; Nathan Ford; Rowe
Bareback Bronco Riding–Second go-round: Wally Slavely; Leroy Rowe, Judy Weeks and Jessie Len Banks (three way split)

AVERAGE PRODUCTIVITY of U. S. farm workers since 1940 alone has increased more than in the entire previous 120 years. In 1920 each farm worker produced enough to meet the needs of 4.1 persons, and by 1940 this figure had risen to 10.8. But by 1956 a farm worker produced enough for the needs of 20.8 persons.

LOUISE MEFFORD... shows her horsemanship in this photo taken by Husband Bud Mefford, Cattlemam rodeo editor.
SW Florida Cattlemen Have Meet

Marks and brands law discussed

More rigid enforcement of the state marks and brands law was called for by the Southwest Florida Cattlemen's Association Council, at its meeting in Immokalee in May.

The Council endorsed a resolution by the Collier County Cattlemen's Association requesting that the Florida Cattlemen's Association lend its support to securing enforcement of the law to help curtail cattle stealing.

A talk by Dr. J. F. Williams, federal director for the screwworm eradication program, was a feature of the meeting. He told Council members that sterilized flies will be dropped in Collier County prior to July 1.

The group laid final plans for the stocker steer sale at the Arcadia State Livestock Market June 27, and urged all cattlemen to vaccinate all calves.

Barthle Leads Roping Contest

Albert Barthle of San Antonio is now in the lead in the year-long roping competition being sponsored by the San Antonio Roping Club. Barthle has 1733.5 points, to 1621.2 for Dave Dungan, 1539.5 for Snook McKendree and 915.0 for Pete McKendree.

On May 4, Barthle was top roper with 203.7, with Hank Bruning second with 186.5, Dungan third with 104.9, and Pete McKendree fourth with 103.9. Barthle and Dungan each roped a calf in 15.1 seconds.

On May 18, Dungan topped the competition with 105.7 points, seconded by Barthle with 104.9. Mark Croft was third with 101.7 and Pete McKendree fourth with 100.5 points. Dungan's 14.3 second time was the fastest that was scored for the day.

Wilda Stalvey Wins Barrel Race Event

Wilda Stalvey of Ocala topped the barrel racing event at a combined Quarter Horse reining show, cutting contest and barrel race held at Dade City May 18. Wilda's time was 18.5 seconds for the trip around the barrels. She was followed by Cheryl Madill, 18.8 seconds, and Jessie Len Banks in 19.3, for second and third places respectively.

for July, 1958
**With Florida Kowbelles**

**Describes Visit to**

**Whitehurst Clan in Williston Area**

_by ETHEL HALES STANCIL_

A few miles northeast of Williston a huge wagon wheel bears an attractive sign: V. E. Whitehurst and Sons-W and M Construction, Inc.

The road there leads to the Whitehurst settlement, nestled contentedly under spreading shade trees.

Again, in front of each son's house you'll find a wagon wheel—a smaller replica of the larger one with the spokes denoting the names of the children. (A bar notes the name of Mama and Papa.)

On the first one—Dan and Betty Whitehurst and on the spokes Emmet, Suzanne, and Monty, who are 8, 5 and 3, respectively.

Next: Bill and Mary Whitehurst, and on the spokes June, Vivian, Harriet, Bill and Jack, who are 10, 8 and 5 respectively.

Last comes the home of the senior Whitehursters—V. E. and Maggie. Whitehurst marks their wagon wheel and place.

On the day we visited, a large bouquet of Easter lilies glowed in the picture window and from the outside looked so pretty I thought they were artificial.

Mrs. Whitehurst is the talented and hard working gardener who grew them.

As we talked Mrs. Whitehurst rattled off the names and ages of her grandchildren like a recording. She said that her grandmother's bracelet with its charms bearing the names and birthdays of her grandchildren helped—though I noticed she wasn't wearing it at the time!

Mrs. Whitehurst and Whitehurst (the name she calls her husband) grew up near their present home, were teenage sweethearts, went together to the little country school of Ebenezer. (Now abandoned). Mrs. Whitehurst, the former Maggie Anderson, was the daughter of Mr. and Mrs. W. H. Anderson.

The Whitehurst family works and plays together.

Elliott, who majored in animal husbandry at the University of Florida, is in charge of farming operations. All of the range is under fence and most of its 6500 acres located in Alachua and Levy Counties joins. They raise Hereford cattle and buy and feed out a considerable number of steers.

Pastures are of improved grasses and each year large quantities of hay are saved. Elliott, a good cattle man, knows that a rancher cannot have too much hay.

Bill and Dan are the road builders.

Mrs. Whitehurst loves her daughters-in-law like the real daughters they are. Country girls, they fit into the pattern of Whitehurst living like a newborn's thumb fits his mouth.

The grandchildren are the idols of the senior Whitehursters who label them, "good mindful children who make life worthwhile".

A riding ring across from Grandpop and Grandmother's house is for the children's use. Toddlers learn to love horses.

(Continued on page 112)

**For the Kowbelles**

A person needs to help a teenaged son or daughter learn to drive to appreciate the one who helped him learn to operate an automobile!

I am not an expert typist and so am always on the lookout for ways to make my errors show less! A metal guard behind the paper helps to make neat erasures. My latest trick—two or three strokes on the original over the freshly erased spot with a piece of chalk—seems to fill up cracks. Strike over two to three times and will be hard to tell even on carbons (which ordinarily are always lighter).

How to fix a stubborn pen point that is stingy with its ink? If willing to take a risk you might try striking it against an emory board. Worked on mine, though I wouldn't try this on an expensive one.

We're eating tomatoes, string beans, squash, cucumbers and soon will have peas from Hale's garden. It is afflicted with root knot, however, and we want to treat it before putting in a fall garden.

Cattlemen! Horsemen! Don't Miss the 1958 ARCADIA ALL-FLORIDA CHAMPIONSHIP RODEO

Friday, Saturday, Sunday, July 4th, 5th and 6th

PERFORMANCES SCHEDULED AT 2:00 P. M. EACH DAY

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Quadrille: Each Performance • Parade 10 a.m., Friday, July 4

Grand Fireworks Display, Lake Katherine Park, Fri., July 4 and Sat., July 5, at 8:00 P.M.

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Almost All Cattlemen Read “THE CATTLEMAN”!
The Florida Cattleman

Kowbelles

(Continued from page 108)

horses and stay on the back of gentle
trustworthy animals after later real
rides.

Mrs. Whitehurst is the only one—
what a shame!—who loves to fish. A
former good fishing lake dried up last
year but has been restocked and should
soon provide "home" fishing again.

When Whitebill's place at Yankeetown
and a 26-foot boat where Mrs.
Whitehurst enjoys fishing while the
others enjoy the ride.

Almost every Saturday afternoon
during warm weather finds the
Whitehurst clan at their place on Blue
Run. One of the families takes the meat—steaks,
hamburgers, fried chicken or ham, maybe—
while the others furnish the rest of the meal.
This respite is about the only time
the entire group gets together and is
the highlight of the week.

Sunday finds the Whitehursts at
the Methodist Church in Williston.
All three of the daughters-in-law teach in the
Sunday School and take their religious
obligations seriously.

Birthdays in the Whitehurst family fall
heavily in January and it is then that
the annual reunion is held. W. J.
Whitehurst (brother of V. E.—cattle raiser and
farmer) and family of Archer come; an
other brother J. A., and his family of
Bushnell (also a farmer) and a sister,
Miss Alberta Whitehurst of Gainesville.

Elliott and Bill were both in service
and were overseas for long periods.
Elliott was a prisoner of war for four months
in Germany. He received frozen feet which
still bother him. Dan is 10 years younger
than Bill—missed the service because of
his immaturity.

Mrs. Whitehurst likes to cook. Her
family-favorite cake frosting is caramel
nut, made from two-thirds of cup
sweet cream and a pound of brown sugar
(light) which is boiled until the soft
boil stage. This is beaten with the
addition of two cups of pecans until
spreading consistency.

Mrs. Whitehurst says, "Perhaps this
icing is my pet because it is foolproof.
If it turns out soft—I add a bit of
confectioner's sugar; if too hard, add a little
cream."

Mrs. Whitehurst takes care of a
sufficient number of chickens at all
times to provide her and the other families
with poultry and eggs. Fifty straight
hens are bought every eight to ten
weeks and raised in an electric brooder.
The cockerels provide fryers while the
pullets replace the older hens which are
eaten. About 70 hens are kept which
provide more than enough eggs.

The girls take turns caring for the
dairy products and poultry products. A
fowl is straight when it is practical
because of the required equipment.

The dairy maid bottles the morning
milk, while the afternoon milk is used for
cream, butter, etc. A private telephone
line joins the four Whitehurst houses and
special orders for extra milk, buttermilk,
eggs, fryers, etc., may be phoned in.

112

The Florida Cattleman
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Vet Briefs
(Continued from page 101)

skin.

The “leech” itself is a mass of material varying in size from barely visible to that of a small egg. The total mass is more usually the size of a marble. They may be long and slender and sometimes branch, occurring in small canals in the inflammatory area of the skin or they may be oblong masses of irregular shape when occurring in pockets.

The “leech” is composed of a mass of tangled mycelium (the filaments of the fungus) in which is entrapped tissue cells, debris and caseated (cheesy) exudate. Old “leeches” may become calcified or gritty when cut with a knife. They are yellow to pale grayish in color.

Radical surgery with complete removal of every “leech” is the only successful means of treatment. Sometimes the location of the wound makes surgery extremely difficult or even unsuccessful.

Even though the lesion is essentially one involving only the skin, only a skilled operator should be allowed to do surgery as the infection may involve vital parts and the accompanying hemorrhage is often severe.

Nat’l Dairy Groups Choose Winter Haven

Winter Haven has been named state headquarters for two national dairy groups, and within a short time may well become the hub of Florida milk merchandising.

The American Dairy Association and Golden Guernsey, Inc., each has announced plans to establish headquarters for state wide operations in Winter Haven.

The announcements were made simultaneously, but efforts to locate in the mid-Florida city were not coordinated, officials of the two concerns stated.

Bill Boardman will be manager of the American Dairy Association of Florida, and J. McKessick Jeter, will be Florida representative of Golden Guernsey, Inc.

The men explained that Florida now is recognized dairy state, and based on past growth and anticipated growth, the state warrants a headquarters of its own.

Winter Haven was selected by both organizations because of its geographic location, the representatives both pointed out.

Withholding of cattle, sheep and hogs has slowed marketings and pushed prices up, but moderate increases in current slaughter supplies are underway. Consequently prices of meat and meat animals in late winter probably were at their peak for the year. Prices for fed cattle this spring are expected to decline seasonally and the average this summer will be moderately below the winter high. This will limit further increases in grass cattle prices, reports Agricultural Outlook.

for July, 1958

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Cattlemen and Brucellosis...

In the report on the FCA convention at Cocoa found elsewhere in this issue you will find mention of an action taken by the board of directors asking that no changes in Bang's regulations be made by the Florida Livestock Board without advance notice being given to FCA.

The reason for this action was to avoid if possible any overly stringent or unclear regulations which might hamper the industry unduly.

In this connection, it is interesting to read what the American Cattle Producer has to say about the Bang's eradication program:

"Federal regulations in the Brucellosis control program call for recertification by retesting every three years. At Oklahoma City last January, the American National Cattlemen's Association recommended that calfhood vaccination or spaying also be a means of recertification . . .

"(American National) urged vaccination as a practical means to control the disease long before government officials would recognize it . . .

"Vaccination has minimized the disease in the range country, just as vaccination of a large percentage of the people has practically done away with smallpox in human beings. And, we believe, we can assume that vaccination played a large part in the conquering of foot-and-mouth disease in Mexico a few years ago . . .

"(Recently in a certified county in a northern state) on one farm 27 cows out of 41 were found infected . . . It could happen, with the control program as now conducted, that stockmen would be lulled into a false sense of security and assume that, after certification, further protection was unnecessary, as in (this) case . . .

"Most of the range areas, as they proceed with certification of their counties, have already found and will find their disease percentages about like those of Colorado and New Mexico (where 0.4 percent or less reactors are being found). If, then, they continue with an accelerated vaccination program as the American National resolution recommends, retesting will become unnecessary—and the industry will be on safe ground."

Whether this particular recommendation is accepted by livestock sanitary officials throughout the country or not, it behooves them to seek the support and backing of the industry at all stages of the Bang's eradication program. We believe Bang's will be eradicated far more quickly if the eradication policies are adopted with full backing of the beef and dairy cattle industries.

About Crossbred Beef...

We were mightily impressed with the talk given by Mr. A. F. Crow of Milford, Illinois, at the Cocoa convention of FCA. Mr. Crow feeds hybrid beef cattle—crosses of Brahman and Charolais, with Angus, Hereford and Shorthorn—in his midwestern feedlots.

What struck us most was his statement that the hybrid is a quality beef animal, uniform in its eating qualities, and has less waste fat as well. He reports that packers who "docked" him three or four cents a pound when he started are now eagerly paying a premium.

If Mr. Crow's experience be accurately reported, we Floridians should be in a mighty favorable position with our great numbers of hybrid beef animals. A word of caution however: these feedlot operators won't be satisfied with scrap crossbreds, by poor bulls, out of poorer cows.
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It’s still not too late to call in the Superior Pasture Representative to help plan your 1958-59 Pasture Program. A phone call will arrange an appointment.

CITRUS CORNER:
SCALE is the big enemy during July. If you have grove problems, phone SUPERIOR today. Refer your problem to our experienced entomologists or horticulturists.

THANK YOU, MR. CATTLEMAN!

Five years ago Superior Fertilizer and Chemical Company offered a new service to the pasture operators of Florida—a highly trained specialist in Improved Pastures with years of practical experience on Florida pastures.

Your magnificent reception of this new service has been more than gratifying to us at Superior. When we total up the results from these five years we know that you have learned that “It Pays to Buy from Folks with Know-How!” Here are some of the results:

SUPERIOR now serves Florida from its modern Tampa plant and the new Ft. Pierce plant, offering field representatives specializing in pastures, citrus and truck farming to Central and South Florida.

SUPERIOR was first to offer the savings of Bulk Fertilizer, servicing its patrons with a fleet of Bulk Transports.

SUPERIOR was first to offer a Pelletized, 10-10-10 pasture grade fertilizer—a stable, high formula blend which spreads easily, evenly, and releases its plant food over an extended period of time.

SUPERIOR added a second highly trained Pasture Representative to cover new territories asking for Superior’s Improved Pasture service.

Your enthusiasm for our service has had marked effect on our representatives who “live” their specialties. We will continue to do everything to remain Always First with the Finest for Florida Cattlemen!

Again, THANKS, Mr. Cattleman, for five wonderful years!

IT PAYS TO BUY FROM FOLKS WITH “KNOW-HOW”