Annual Florida horse, rodeo edition
If you're letting your brood cows eat up too much of your profit with an expensive protein supplement, call your Nutrena dealer. He can help you solve the problem. He can do it with patented Nutrena CLS® Controlled Release Liquid Supplement-32.

In most instances, you simply can't match its low cost with a dry supplement. And you can't match its nutritional efficiency with other liquid supplements. That's because conventional liquids release ammonia too rapidly to be utilized efficiently. CLS Controlled Release, on the other hand, meters ammonia out gradually—more like natural protein—for improved usability, improved safety.

CLS Controlled Release-32 helps fill nutritional gaps left by pasture or roughage so it helps get high calving percentage. Fast breed-back. Excellent milk production. Heavy weaning weights. And CLS Controlled Release-32 in a lickwheel feeder is convenient, easy to feed, and saves labor.

That's why Nutrena is looking for beefmen with high feed costs. Because Nutrena can help solve the problem. And solving your problem is the best way we know to earn your feed business.

We want to earn your feed business.

NUTRENA FEED DIVISION

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WE APPRECIATE VERY MUCH THE RESPONSE TO OUR REQUEST IN THE DECEMBER magazine FCA Report for extra effort on the part of county associations in getting their membership and assessment payments to the office. We have received about 50% of the assessment payments and hope that the balance will be paid in the near future. As stated in the By-Laws, membership dues and county association assessments are due in the office by February 1 and delinquent as of March 1.

THERE HAVE BEEN SEVERAL QUESTIONS RELATING TO OUR COMMENTS in a prior FCA report regarding the necessity for the county associations to send a check for the dues along with the membership invoices. As a result of the purchase of the magazine, we are now being audited by both the Audit Bureau of Circulation and the Post Office Department and one of the regulations requires that we have proof of payment of the membership at the time we add that member's name to the circulation list for the following year.

AS WE REPORTED TO THE BOARD OF DIRECTORS AT THE LAST MEETING, the activities of your association seem to be growing at an ever increasing rate. Officers, Directors and Committee Chairman are contributing more and more time to this effort and they need your help. If you are not involved at the present time, contact your officers or the association staff and let us know you want to help.

WE JUST RETURNED FROM LEGISLATIVE COMMITTEE MEETINGS AND CONFERENCES on other association matters in Tallahassee. It is obvious that the new administration and new leadership in both houses of the legislature are going to make this a very active session year. President Henry Douglas, Harvey Dahl, Kayo Welles and Bill Stark joined us in Tallahassee on the 100 FLORIDIANS FOR THE FOURTH YEAR meeting in Tampa, the CowBelle Beef Short Course March 21 and 22 and the FCA Annual Convention June 27-29 at Buena Vista. Good things have happened but your participation can make it BETTER!

-----Jim Mummey, Executive Vice President-----
Calendar

FEBRUARY
1-2—So. Star Female Sale Diamond, MO
5-8—AAB MI Management School Ocala
6—Southside Farms, Inc., Angus Sale Hawkinsville, GA
6-8—4th Annual State STUSA Show New Orleans, LA
9—Interstate All-Breed Sale Safford, AZ
10—Production Bull Sale Chipley
10-17—Hendry County Fair Clewiston
12, 13—Southern Beef Expo Tallahassee, FL
12-17—Hillsborough County Fair Plant City
12—Citrara County Dairy Show Inverness
15-18—Martin County Fair Stuart
6-7—FCA Directors Meeting Tampa
6-9—Polk County Youth Fair Bartow
7—PT Bull Sale Titon, GA
9—Florida Rodeo Arcadia
12-17—Pinellas County Fair Largo
12-17—Dade County Youth Fair Miami
16-17—Market Men's Breakfast Gainesville
17—Georgia Livestock Ass'n Meeting Tifton, GA
17-18—Lafitte Ranch PT Sale Guston, KS
19-24—Sarasota County Fair Sarasota
19-26—Lake County Fair Eustis
25—Florida Angus Open House Albany, GA
25-26—Know Your Beef Short Course Kissimmee
25—LIVE Cow Beef Sale Three Rivers, TX
25-31—Bradford County Fair Starkes
27—EquiExpo Rosemont, IL
31—Brink's Brangus Sale Potee, TX

MARCH
2-4—Glades County Youth Fair Moore Haven
2-10—Hillsborough County Fair Plant City
3—Sadie's Limousin Dispersal Madison, FL
4-5—State 4-H Dairy Show Orlando
5-9—Citas County Fair Inverness
10—Martin County Fair Stuart
10-11—Havana Market Sale Havana
12, 13—Florida Rodeo Titon, GA
12—Pinellas County Fair Largo
12-17—Dade County Youth Fair Miami
16-17—Market Men's Breakfast Gainesville
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25-26—Know Your Beef Short Course Kissimmee
25—LIVE Cow Beef Sale Three Rivers, TX
25-31—Bradford County Fair Starkes
29—EquiExpo Rosemont, IL
30—Brink's Brangus Sale Potee, TX

APRIL
4—Millard Anderson Dispersion Woodbury, GA
4-7—Florida Fair Beef Week Tampa
4-14—Florida Beef Expo Boston, GA
9—Florida State Dairy Fair Tampa! 
9-14—Southeastern Beachmen Field Day Titon, GA
11-12—Southeastern Beachmen Field Day Starlight, MS
15-16—Circle "G" Angus Sale Hampton, GA
16-21—Putnam County Fair Palatka
20—Georgia Simmental Sale Tifton, GA
20-21—Annual Dairy Show Board Meeting Gainesville
22—Briarhill Angus Sale Union Springs, AL

MAY
1-2—Dairy Production Conference Gainesville
2-4—Beef Cattle Short Course Gainesville
5—Sun Up Farms Angus Sale Smithville, MO
5-7—Cent. Angus Sale, Bowling Green, KY
10-11—FIATC Trade Show Tampa
12—ABQ Quality Beef Sale Tampa
21—Ozark Angus Classic Diamond, MO
21-23—Briarhill Angus Sale Union Springs, AL

JUNE
1-2—Kerrville Brangus Days Kerrville, TX
9—Jim 3 Angus Prod. Sale Manfield, KY
27-28—FCA Convention Lake Buena Vista

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FEBRUARY 1979

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For the ride at left is Leroy Baldwin of Ocala.

The Cover for February 1979

A number of different breeds of horses are raised in Florida but one rarely thought of as a Florida horse is the Clydesdale. Our special effects cover for this February horse and rodeo edition shows a pair of Clydesdales in action during the 1978 FIATC Trade Show held in Tampa. They're bred and raised by Lassie Shemwell at her farm near Micanopy. She was at the reins that day but obscured by the size of the horses. Along for the ride at left is Leroy Baldwin of Ocala.

OFFICIAL PUBLICATION

Florida Cattlemens' Association, Henry Douglas, President, Zephyrhills • Eastern Brahman Association, Byron Johnson, President, Cocoa • Florida Charolais Association, John Corr, President, Ocala • Southeastern Brangus Association, R. A. (Peter) Griffin, President, Talla Heega, Alabama • Florida Angus Association, J. R. Thompson, President, Marianna • Florida Santa Gertrudis Association, Fred Dietrich, III, President, Orlando • Florida Shorthorn Breeders Association, Jack Hooker, President, Plant City • Florida Hereford Association, Tom Childs, President, Lake Placid • Florida Meat Packers Association, Joe Tejero, President • Florida Beef Council, Bill Stark, Fort Pierce, Chairman • Florida Cutting Horse Association, W. D. Wilkes, President, Arcadia • Florida Association of Livestock Markets, Buddy Williams, President • Florida Livestock Marketing Association, W. E. Webb, President, Maxweil.

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* A super selection of Ankina foundation Chianina cross cattle.

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Marianna, Florida 32446
Jim Mercer, Manager
Ph: 904/482-2231
Ph: 904/482-4486 (Res.)

Editor's Desk

Barfield contributes to magazine fund

Immokalee

I am enclosing herewith a check drawn on my farm account, which is the donation of the proceeds of the sale of one bull at my "DoubleHeader" Production Sale on October 21, 1978.

I want to take this opportunity to extend my personal thanks for your help and the good job you did at the sale. The ring men are an important part of any sale and I really think that the men at my sale contributed a great deal to the success we enjoyed.

James F. Barfield

Mr. Barfield donated $2,000 to the Magazine Fund from the sale of the bull which was purchased by Bobby Roberts of Immokalee. His generous contribution is greatly appreciated as are his comments on The Cattleman's help at the sale, which incidentally, was a Beefmaster record-breaker.

Angus breeder noted show error

Lake City

... While looking through the December issue of The Cattleman, I noticed an error on the show results of the Callahan show. Our early senior heifer calf, Bellemeade Burgess Maid 367 was the heifer calf champion. Please check your records. This is one of the better heifers that we have produced and she may do even better in future shows.

... It shocked me to see Slim Partin's obituary in the recent Cattleman. I had not heard about it before. His death was a great loss to all of us. I treasured his friendship, his honesty, and down to

Latest Statistics

Commercial Slaughter and Average Weight (USDA)...

<table>
<thead>
<tr>
<th></th>
<th>Cattle M Head</th>
<th>Cows</th>
<th>Calves M Head</th>
<th>Swine Wt. M Head</th>
<th>Sheep Wt. M Head</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nov. 1978 (Fla.)</td>
<td>36.8</td>
<td>978</td>
<td>11.2</td>
<td>393</td>
<td>9.3</td>
</tr>
<tr>
<td>Nov. 1977 (Fla.)</td>
<td>43.8</td>
<td>933</td>
<td>20.1</td>
<td>366</td>
<td>21.6</td>
</tr>
<tr>
<td>Nov. 1978 (U.S.)</td>
<td>3267.7</td>
<td>1061</td>
<td>315.6</td>
<td>239</td>
<td>7037.6</td>
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<tr>
<td>Nov. 1977 (U.S.)</td>
<td>3541.8</td>
<td>1016</td>
<td>473.6</td>
<td>249</td>
<td>7198.1</td>
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Slaughter Under State Inspection, Head (AITC)...

<table>
<thead>
<tr>
<th></th>
<th>December 1978</th>
<th>December 1977</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cattle</td>
<td>4851</td>
<td>8931</td>
</tr>
<tr>
<td>Calves</td>
<td>104</td>
<td>225</td>
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<tr>
<td>Swine</td>
<td>13,671</td>
<td>10,817</td>
</tr>
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</table>

Brucellosis Testing (AITC)...

<table>
<thead>
<tr>
<th></th>
<th>Tested</th>
<th>Reactors</th>
<th>Vaccinated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beef Cattle, December 1978</td>
<td>36,544</td>
<td>1448</td>
<td>4190</td>
</tr>
<tr>
<td>Dairy Cattle, December 1978</td>
<td>26,454</td>
<td>224</td>
<td>1566</td>
</tr>
<tr>
<td>Swine, December 1978</td>
<td>97</td>
<td>28</td>
<td>--</td>
</tr>
</tbody>
</table>

Livestock Prices Per Hundred (USDA)...

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Cattle</td>
<td>$53.00</td>
<td>$48.70</td>
<td>$35.50</td>
<td>$34.10</td>
</tr>
<tr>
<td>Cows</td>
<td>$43.50</td>
<td>$39.50</td>
<td>$24.00</td>
<td>$23.80</td>
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<tr>
<td>Stry. Hfrs.</td>
<td>$50.20</td>
<td>$46.50</td>
<td>$48.00</td>
<td>$47.90</td>
</tr>
<tr>
<td>Calves</td>
<td>$60.20</td>
<td>$56.50</td>
<td>$39.20</td>
<td>$39.00</td>
</tr>
<tr>
<td>Swine</td>
<td>$71.60</td>
<td>$64.60</td>
<td>$37.50</td>
<td>$37.00</td>
</tr>
<tr>
<td>Chickens</td>
<td>$46.60</td>
<td>$46.40</td>
<td>$41.50</td>
<td>$40.00</td>
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</table>

Field Crop Prices Per Bushel and Ton (USDA)...

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn (Bushel)</td>
<td>$2.07</td>
<td>$2.07</td>
</tr>
<tr>
<td>Hay, Baled (Ton)</td>
<td>$47.30</td>
<td>$47.30</td>
</tr>
</tbody>
</table>

REUBEN W. CARLTON, Fort Pierce, right, was named Florida Water Conservationist of 1978 by the Florida Wildlife Federation. He is shown receiving his award from Richard A. Pettigrew, assistant to President Carter on governmental reorganization. (Photo courtesy of Florida Wildlife Federation.)
MY CATTLE GET THEIR TWO CENTS WORTH.

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**TEM 300**

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**TEM 300 ANALYSIS**

<table>
<thead>
<tr>
<th>Element</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boron (B)</td>
<td>3.0%</td>
</tr>
<tr>
<td>Copper (Cu)</td>
<td>3.0%</td>
</tr>
<tr>
<td>Iron (Fe)</td>
<td>18.0%</td>
</tr>
<tr>
<td>Manganese (Mn)</td>
<td>7.5%</td>
</tr>
<tr>
<td>Zinc (Zn)</td>
<td>7.0%</td>
</tr>
<tr>
<td>Molybdenum (Mo)</td>
<td>0.2%</td>
</tr>
</tbody>
</table>

Call your fertilizer supplier today and request **TEM 300** in your formulation — you'll be dollars ahead!

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- 944. Feed Grade Sodium
- 945. ESL-Scan
- 946. Select Sires Directory
- 947. Bed Gard
- 948. Sterling Stack Mover
- 949. Vaimont Systems
- 950. Deutz Tractors

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16-4-8
16-0-8
15-5-15
10-5-20
10-5-10
3-9-30

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AN FEBRUARY 1979
Advertiser appreciated coverage; getting results, too

Lake Wales

Just a note to thank you for the writeup you did on the shop. We sincerely appreciate it. The response to your ads have been real good. We are well satisfied with the advertising.

Here is a copy of the ad... for February issue...

Mary L. Adsit

Typo noted in article on native grasses

Avon Park

Thank you for publishing our article on Native Grass Performances in Central Florida (December 1978). However, there is one typographical error that could mislead your readers. With fertilization, creeping bluestem and maidencane dramatically increase production, not decrease as was printed in the article. We would not recommend anyone fertilizing native rangeland as the returns from fertilized native grasses could not compete with returns from fertilized improved grasses.

As a point of information, crude protein from the native flatwoods grasses range from a low three percent on unburned winter range to a high 2.5 percent on rangeland that has been burned and rested. Mowing also stimulated the flatwoods grasses with crude protein as high as nine percent on an area that had been mowed, rested three months and then sampled. Maidencane, a marsh grass, had a crude protein of 16 percent in March, dropping to 12 percent in the Fall and continued to drop until December crude protein was only four percent.

Again we would like to thank you for finding space in your magazine.

R. Scott Penfield
Range Conservationist
Avon Park Air Force Range

*The error noted was the result of typesetting as the article submitted by Mr. Penfield used the correct word. Our apologies.

Curtiss honors company representatives

Representatives of Curtiss Breeding Industries Inc., from throughout North America were guests recently at the first annual Curtiss Distributor Appreciation Day. Over 100 distributors from 30 states and several foreign countries were on hand for the two-day event at Chateau Louise, Dundee, Illinois.

Highlights of the Distributor Appreciation Day program included information sessions conducted by both the dairy and beef genetics departments and a panel discussion by four successful Curtiss representatives. Distributors also had an opportunity to visit the Curtiss Production Center and attend the 1978 Curtiss Classic Holstein sale.

Twenty-five distributors received special recognition for their sales efforts.

Tramisol®

It pays off better because it works better.

<table>
<thead>
<tr>
<th></th>
<th>Control</th>
<th>Tramisol® Injectable</th>
<th>Tramisol® Drench</th>
<th>Phenothiazine</th>
<th>**TBZ-6</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. Steers</td>
<td>30</td>
<td>30</td>
<td>31</td>
<td>31</td>
<td>31</td>
</tr>
<tr>
<td>Initial wt. lb</td>
<td>440</td>
<td>432</td>
<td>436</td>
<td>436</td>
<td>439</td>
</tr>
<tr>
<td>Total gain, lb</td>
<td>334</td>
<td>362</td>
<td>385</td>
<td>327</td>
<td>350</td>
</tr>
<tr>
<td>Average daily gain, lb</td>
<td>1.69</td>
<td>1.83</td>
<td>1.94</td>
<td>1.65</td>
<td>1.77</td>
</tr>
<tr>
<td>Added value of gain above control, $</td>
<td>10.19</td>
<td>19.24</td>
<td>-2.99</td>
<td>5.47</td>
<td></td>
</tr>
</tbody>
</table>

While other dewormers talk about what they don’t do, we want you to know what TRAMISOL® levamisole does best. Things like giving you greater gains and saving you more money than any other dewormer. That’s the Tramisol Payoff.

*Mississippi Agricultural and Forestry Experiment Station 3-year summary of average performance of steers given anthelmintics before winter grazing (198 days). Based on steer price of $39/cwt., less cost of anthelmintic. **Trademark of Merck & Co., Inc.
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BRAND'EM PAINT from Fearing Manufacturing is a solidified paint stick that lasts longer on wet or dry hides, skins and pelts during an awards banquet, including James Ziegler of Lake Placid.

943—Fearing introduces paint stick marker

After three years of research and field testing, Brand'em Paint has been introduced by Fearing Manufacturing, of South St. Paul, Minnesota. Brand'em Paint is a solidified paint stick that lasts longer on wet or dry hides, skins, and pelts, Fearing says. It contains a U. V. stabilizer which resists fading. Brand'em Paint is safe, fast and easy to mark. Its many uses include: culling, shearing, heat detecting, calving, lambing, breeding, feeding, drenching, grading, inoculating, crutching, shipping, vaccinating, selling, etc. Brand'em Paint comes in seven colors. Sticks are packaged 12 to a display box, with twelve display boxes per shipping carton.

For additional information check number 943 and return the form on page 8 of this issue.

Elanco product gets FDA clearance

Rumensin, the additive that improves feed efficiency 10 percent in feedlot cattle, has been cleared by the FDA for increased rate of weight gain in cattle on pasture. It can now be fed to stocker, feeder, and slaughter cattle weighing over 400 pounds. Cattle fed the recommended 200 mgs. of Rumensin per head daily in research trials gained an average of 16 percent faster, according to the manufacturer, Elanco Products Company. In 24 experiments with a variety of supplement carriers for Rumensin, cattle fed 200 mgs. gained an average of 1.43 pounds per day versus 1.23 pounds per day for those not receiving the additive. This 0.2 of a pound extra gain represents an average 16.3 percent faster rate of gain.

Research included studies with cottonseed meal and cottonseed-milo meal as a carrier for the Rumensin. A 112-day trial with steers receiving the additive in a four-pound cottonseed-milo meal on dry Coastal Bermuda
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pasture showed a 31 percent improvement in average daily gain with Rumensin. Cattle on the cottonseed-milo meal gained an average of 0.85 pounds per head per day. Animals receiving the recommended amount of Rumensin in the supplement gained an average of 1.12 pounds per day.

Another 112-day trial with a one-pound cottonseed meal fed to steers on Costal Bermuda pasture showed an 8.4 percent improvement in average daily gain when adding the additive. The group fed the one-pound meal gained 1.42 pounds per head daily versus 1.54 pounds for steers with Rumensin in the cottonseed meal.

The cost of the Rumensin is only about a penny a day per animal. The low cost pounds produced with the additive not only increase the returns from pasture but also make continuous supplementation on pasture a more profitable practice, the company says.

In the experiments, Rumensin was effective in steers and heifers and in implanted or non-implanted cattle. The additive worked in all types and quality of forages and on summer and winter pastures. Rumensin performed well when fed in a variety of supplements. Rumensin works in the beef animal by making its rumen fermentation more efficient. Based on research results with the recommended 200 mgs. per head daily, the product can pay an average net return of $10 for every dollar spent, Elanco says. Here's how this is figured.

Cattle fed Rumensin on pasture or range gained an average of 0.2 pound more a day, or one pound more every five days. The additive costs about one cent a day or five cents in five days. With feeder cattle selling at 55 cents a pound, the cattleman gets back his original nickel plus 50 cents more. In addition, Rumensin helps the cattle get more energy from the supplement fed.

Since Rumensin is not a hormone, it can be fed right up to marketing. No withdrawal is required.

Rumensin will be available in supplements at most feed companies.

944—Baking soda available for animal feed

Church & Dwight Company, Inc., Piscataway, New Jersey, announced the availability of animal feed grade sodium bicarbonate (baking soda). Arm & Hammer brand Feed Grade sodium bicarbonate is now available from Church & Dwight and other companies selling Arm & Hammer brand products.

Sodium bicarbonate has been found to be effective in restoring production efficiency in beef and dairy cattle with excess acid production in the rumen—a condition often brought on in high energy, "challenge" feeding.

Specifically for feed applications, Feed Grade sodium bicarbonate may be purchased in bags or bulk. For additional information check number 944 and return the form on page 8 of this issue.
Complete your Big Package Hay System with a Hesston StakFeeder® attachment or StakProcessor™ 10.

Hesston StakProcessor 10
The multi-purpose StakProcessor 10 moves and feeds 1¼-ton StakHand® 10-sized stacks or up to 3000 lb. round bales. Cutting rotors shred and blend stacks or bales so well that cattle eat outside thatching right along with the fresh, well-preserved interior. So whether you're range feeding hay or stover, filling fence-line bunks, or even want to feed ensilage cutter-blowers to recharge your silo, the StakProcessor 10 allows one man to do it quickly and efficiently.

Hesston StakFeeder 30
The StakFeeder 30 mounts on a StakMover 30 and handles stacks weighing up to 3 tons. Loads, moves and feeds an entire stack in less than 20 minutes. The PTO-powered sickle slices the stack, cuts and blends hay or stover as you feed. Leaves neat windrows for range feeding — fills bunks with optional conveyor extension. Does not interfere with use of the StakMover for loading, hauling or unloading stacks.

See your Hesston Dealer for one-man mechanized feeding at its best.

First with a better way.
With Tramisol® levamisole injectable, you get an unbeatable combination: the easiest-to-use wormer your money can buy, and the most effective. Whether you buy Tramisol in injectable form, bolus, drench or feed, you'll be stopping all nine major cattle worms. And that's more than any other wormer can do.

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6. Quick erection dependable service

Babcock company gets top staff change

Thomas L. Harbeck has been elected president of Babcock Florida Company, according to Fred C. Babcock, who becomes chairman after serving 30 years as president of the Pittsburgh-based firm.

Babcock Florida Company, with headquarters in Pittsburgh and principal offices in Punta Gorda, owns and manages the 100,000 acre "Crescent B Ranch" located in southwestern Florida. Operations include cattle and timber production, farming, natural resource development and agronomics, wildlife and water management research. The firm is also involved with land sales and development, and motel management.

Mr. Harbeck is the third president to serve Babcock Florida since it was founded in 1918 by E. V. Babcock, father of the current chairman and former mayor of Pittsburgh. The new president joined Babcock companies in 1970 and was named a vice president of Babcock Florida two years later. He became president of Babcock Enterprises in 1973 and has also been assistant to both the chairman and president of Babcock Lumber Company since 1970.

Prior to joining the Babcock companies in 1970, Harbeck was manager of market research for Case Corporation and also had been affiliated with White Motor, Stolper Industries and Falk Corporation.

Harbeck is a graduate of Northwestern University School of Business and holds an M.B.A. in finance from the University of Wisconsin. He is a native of Battle Creek, Michigan, and a graduate of the University Lake School in Hartland, Wisconsin.

Harbeck and his wife, the former Jean Babcock, and their three children reside in Fox Chapel, Pennsylvania.

Fred C. Babcock, who continues as chairman of all the Babcock companies, had been president of Babcock Florida since 1948, succeeding his father, E. V. Babcock. Prior to that, he had served as vice president of the various family enterprises.

Babcock is a director of Equi-bank N.A., emeritus director of Rockwell International and emeritus trustee of Shady Side Academy. He is also a trustee of Grove City College and holds an honorary...
The one best wormer comes in two handy sizes.

Any way you look at it, Tramisol® levamisole Injectable is the ideal dewormer. Only Tramisol gets all nine major cattle worms. Tramisol Injectable is also the easiest-to-use dewormer you can buy. And since our customers have both large and small herds, we package Tramisol Injectable in large and small bottles. So you never have to buy more than you really need. Another thing you’ll appreciate...you don’t pay through the nose when you buy the smaller size.

Efficacy, convenience and handy packaging...they’re all part of the Tramisol Payoff.

Tramisol. It pays off better because it works better.
Profit Minded Cattlemen Feed Their Cattle

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High Protein Liquid Feed Supplement

Rich in Protein, Vitamins, Minerals and other Nutrients

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Equine Services, Inc., utilizes electronic scanning to record data used to identify horses.

After completing early studies at Shady Side Academy, Babcock graduated from Haverford School and Dartmouth College. He has long been active in civic and cultural affairs in the Pittsburgh area.

Babcock and his wife, Marion, live in Fox Chapel.

945—Computer scan your horse?

“We fingerprint horses” is the slogan that appears on the vehicles used by Equine Services, Inc., of Broomfield, Colorado. The firm, after seven years of research and development, offers the most accurate and unique horse identification system available in the present day world, spokesmen say.

The system, utilizing chestnuts—those callus-like growths on the inside surface of every horse’s legs—does not mark or scar the horse in any way. The chestnuts are as individual to a horse as fingerprints are to a human. Therefore, according to the company, they are the only definitive data for positive identification.

The system is made up of:
1) ESI-Scan, a space age electronic device that makes chestnut recording and registering easy and absolutely correct.
2) The ESI National Computer Data Bank that will give fast and accurate information only to those officials and agencies that have a need to know in order to identify a horse.
3) ESI trained technicians, professional horse identifiers using mobile Scan Vans to bring the ESI System to horse owners at an affordable price.
4) ESI-Card, an embossed plastic identity card for the horse.

The system uses optical scanner known as ESI (easy) Scan to electronically measure the area, height, and width of the chestnut.

Through “state-of-the-art” electronics and a light sensor procedure, a pattern is fed into the circuitry of the scanner for conversion into counts of
The implant for top weaning weights

It has to be RALGRO.

Ralgro can mean an extra 25 pounds per calf... at least a $15 return on each dollar you invest. And Ralgro is easier to use than other implants.

Ralgro is safe and fits any sound management program. Write today: Ralgro, Box 207, Terre Haute, Indiana 47808. Or call (812) 232-0121.
Mother's Day in the cattle business is the day a cow drops her calf. Why does it start now? Because the size and vigor of a calf dropped next spring or summer depends on what you do for its mother this fall or winter.

That's why you should begin giving your mother cows relief from worms right now with TBZ®, the No-Setback Cattle Wormer.

When you worm your pregnant cows, you help them do better during the long winter stress period. And you help them get the most out of pasture, supplemental feed and hay.

Get them ready now and they'll be in better shape to drop better calves, and nurse them better, too.

Yearlings, heifers, stockers...all cattle you overwinter need "No-Setback" worming with TBZ® now, for better performance during the cold months.

1. Helps prevent damage to stomach and intestinal linings to prevent loss of feed efficiency.
2. Helps "stretch" pasture. Wormed cattle are more efficient, can do better when grass is scarce.
3. Helps cattle resist stresses such as cold, wet weather and poor pastures. When you remove its worm burden, any animal is stronger, more resistant to these stresses.
4. Helps cattle resist other diseases. Cattle weakened by worms are often prime candidates for other diseases.
5. Helps cows drop better calves, and nurse them better. When the stress of worms is removed, cows can stay stronger. Stronger cows can do better and be better mothers.

TBZ comes as a paste in the easy-to-use MEDIGUN® system; as a bolus; and as range cubes and pellets for one-time feeding in your winter supplement program.
Let your cattle control profit-robbing flies.

Feeding Rabon® Oral Larvicide turns your cattle into an effective fly control army that kills face flies, horn flies, stable flies and house flies before they take wing. ROL passes through cattle to activate their manure—destroying all four flies' larvae before they rob you of profits. Flies are more than a nuisance. They spread disease and cut production.

The time to start your ROL fly control program is this spring with all summer follow through. Don't forget good sanitation practice and supplemental control with Ravap® around barns and in backrubbers make for one fly-free season.

See your feed supplier for ROL in premix, loose mineral and blocks. Always follow label directions.
the chestnut's area, height, and width, which in turn is converted into a seven-digit code.

Using a small built-in computer, ESI-Scan converts the chestnut data into an audio signal that is recorded on a built-in cassette tape machine. The recorded data can then be transmitted over ordinary telephone lines to the ESI National Computer Data Bank, located in Broomfield, Colorado.

Spokesmen for Equine Services say the equine industry demands positive horse identification for many reasons including theft, sales to killer plants, horses found with no known owner, ownership disputes and other reasons.

For more information on the ESI System of Positive Horse Identification check number 945 and return the form on page 8.

Estate planning important to ranchers
"How To Plan Your Estate" is the title of a new book authored by Robert Dunaway. Estate taxes have become a major cost when most farms pass from generation to generation, the author says.

If inflation continues at the present rapid pace, that cost will soar. Plus, state inheritance taxes and lawyers could grab another sizable chunk of your estate, he points out. But with good estate planning, you can sidestep a
Purina Liquid Feeds delivered in all quantities, lick wheel tanks, bulk tanks.

Liquid supplements are not all created equal. Cattlemen on test ranches across the country have said their cows "look better," "stay in better condition," "breed back faster," when given Sup-R-Lix compared to cattle fed conventional liquid supplements.

Performance improvements like those are built into Sup-R-Lix. It's homogenized, so the complete nutrition your cows need stays uniform from tank top to tank bottom. Your cows get a nutritionally complete supplement every time they lick the wheel. And you can get the performance complete nutrition delivers.

If you've tried the rest, now try the best. Ask us about filling your tanks with Sup-R-Lix. Get the performance supplement working for you.
Cattlemen on test ranches across the country have said their cows "look better," "stay in better condition," "breed back faster," when given Sup-R-Lix® compared to cattle fed conventional liquid supplements.

Performance improvements like those are built into Sup-R-Lix®. It's homogenized, so the complete nutrition your cows need stays uniform from tank top to tank bottom. Your cows get a nutritionally complete supplement every time they lick the wheel. And you can get the performance complete nutrition delivers.

Ask your Purina dealer to fill your tanks with Sup-R-Lix®. Get the performance supplement working for your cows today.

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NAILS — Bright or galvanized.

WE DELIVER

and the economic system—were the subject of Livestock Marketing Congress '78, and the written record of the Congress is now available.

A number of noted industry representatives' comments are contained in the compilation. Included among the list of speakers appearing at 1978 Congress were Mrs. JoAnn Smith, Wacahoota, chairman of NCA's committee on product research, promotion and consumer relations. Her comments to the gathering are contained in the 69-page document.

Free copies of the "Papers" can be obtained from Livestock Merchandising Institute, 4900 Oak Street, Kansas City, Missouri 64112.

The Institute conducts the Congress as the industry's annual forum for the presentation and discussion of information and ideas related to the merchandising of livestock.

USDA issues 1978 statistical yearbook

USDA has released "Agricultural Statistics, 1978," which contains over 600 pages of up-to-date information on agricultural production, prices, supplies, consumption, costs and income.

Issued by the department's Economics, Statistics and Cooperatives Service, the yearbook brings together statistical series that appear in other USDA publications. The handy reference book also includes data on stabilization and price support programs, soil conservation practices, consumer food programs, and electrification and telephone loans.


947—Truck bed protector marketed

Bed Gard, a durable pick-up truck bed protector, was introduced recently by Storall of Jonesboro, Arkansas.

The new Bed Guard liner, made of high density polyethylene, is self lubricating and allows heavy objects to slide rather than scuff or scratch the protective liner.

Bed Gard has excellent chemical resistance to fertilizers, gasoline, battery acid, grease, detergents, salt water, as well as the less abrasive materials, company spokesmen say.

Storall's newest product comes in a neutral tan color and is easy to install and remove with self tapping screws provided with the tough pick-up truck liner.

The polyethylene composition of Bed Gard enables it to withstand many temperatures and still perform in the most demanding automotive and industrial applications. It is lightweight for easy handling, shipment, storage and one-man installation.
A word
about controlling
lice in cattle.

Warbex.

Please read label
instructions carefully
and use only
as directed.

WARBEX really works

American Cyanamid Company, P. O. Box 400, Princeton, N. J. 08540
For fence posts, corner posts, brace posts, barn poles

* U.S. Department of Agriculture reports show that only 8% of the posts treated with PENTACHLORO-PHENOL were lost, compared to a 39% loss with the best creosote used. Coleman Evans uses Southern Yellow Pine cut from live, sound timber machine peeled and straight bodied. It is treated in accordance with specifications of the American Wood Preservers' Assoc.

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Storall Manufacturing Company is one of the world's leading manufacturers of metal utility tool boxes for pick-up trucks. The portable streamlined boxes are custom made to fit perfectly into the back of any pick-up truck.

For more information check number 947 and return the form on page 8.

Institute sets 47th annual meeting

The 47th annual meeting of the Florida Agricultural Research Institute has been scheduled for July 24-27, 1979, at The Breakers, Palm Beach.

The convention provides the government regulators and regulated agrochemical industry a viable format to communicate and develop a sound and balanced understanding of mutual government and industry opportunities, reports Institute President Bobby F. McKown.

The annual meeting will be chaired by Fred Montsdeoca, Florida Lime and Dolomite Company, Inc., Ocala. He will be assisted by Vice Chairman H. E. Bennett, Shell Chemical Company, Tampa; Alan Hemenway, Ben Hill Griffin, Inc., Frostproof; Ed H. Sullivan, Diamond R Fertilizer Company, Winter Garden, and William L. Traylor, Jr., Traylor Chemical and Supply Company, Orlando.

The Institute with headquarters in Winter Haven, is an active voluntary trade association whose membership consists of fertilizer, pesticide, agricultural limestone manufacturers and associate suppliers serving Florida agriculture.

948—Sterling markets stack mover

Sterling Manufacturing & Supply Company, of Sterling, Kansas, announces the production of the Sterling Stack Mover.

Designed for use on any size hay operation, the Stack Mover is available in 28 and 40 foot models, carrying from one to three average size stacks.

A unique feature of the Stack Mover is the all electric control unit, operated...
Amazing insect growth regulator in MoorMan's IGR Minerals kills horn flies before they develop wings, fly and attack your cattle

Available exclusively in MoorMan's IGR Minerals® is the selective pesticide methoprene (Altosid®).

This amazing insect growth regulator stops horn-fly development in cattle manure while flies are still in the harmless pupal stage.

They never mature into adult flies that pester your cattle, suck their blood, cause them to waste energy or grazing time.

It's effective against horn flies which are resistant to conventional insecticides.

Before horn flies appear on your cattle, start feeding MoorMan's IGR Minerals and continue throughout the fly season.

It's the only horn-fly-control measure you should need.

*Trademark of Zoecon Corp. U.S. Patents 3,904,662 and 3,912,815

Start feeding MoorMan’s IGR Minerals before flies start hatching

For about 4¢ per head daily, MoorMan's IGR Minerals can stop horn flies on your cattle while it supplies performance-promoting minerals, vitamins A and D.

You have a choice of the loose, processed form or 50-lb blocks. Both are made by special methods to resist weather.

For grazing beef cattle, dairy heifers and dry cows, feed either form of IGR Minerals free-choice.

For producing dairy cows on pasture, mix processed IGR in your milking ration.

Our Wind-Vane Feeder is ideal for pasture feeding. Get details on it and IGR Minerals from the MoorMan Man when he stops at your farm or ranch.

Join the thousands of satisfied IGR Minerals users who have fed it to almost 4 million cattle.

Two reasons to order now:
(1) Have IGR Minerals on hand to begin feeding before the horn-fly season starts. (2) Take advantage of our pre-season discount.

Cattle waste energy and lose grazing time when tormented by biting, blood-sucking horn flies. According to the USDA, horn flies may cut milk production as much as 20% and reduce weight gains as much as ½ lb per head daily.

Cattle graze peacefully and utilize pasture efficiently when they eat MoorMan’s IGR Minerals. Its complex mineral combination plus vitamins A and D help cattle convert pasture into maximum milk for calves, growth and gains.

To head off grubs while helping control horn flies, feed grazing beef cattle MoorMan’s Rid-Ezy® Medicated
The Choice is Yours
FOR LIVER FLUKES
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WE ALL KNOW THE IMPORTANCE OF WORMING --
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WORM FOR
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DESIGNED for use on any size hay operation, the Sterling Stack Mover can be fully operated from the truck cab.

from the truck cab. The unit is easily removable for service and safekeeping, officials say.

Other standard features include brakes, lights, turn signals, tie-down eyes, and four 12 x 16.5 10 ply tires.

The powerful 20 h.p. Onan engine is housed in a high strength steel safety enclosure. Five steel loading chains provide uniform movement and speed of the stack during loading and unloading, aided by two 2 1/2 x 16 hydraulic cylinders to lift the frame. Two rear tracks hydraulically move the Stack Mover back, as the loading chains pull the hay stack forward.

For more information check number 948 and return the form on page 8.

Sweet named to head publication

Michael L. Sweet, Denton, Texas, has been named general manager of the Aberdeen-Angus Journal, reports C. K. Allen, executive secretary of the American Angus Association.

Sweet, currently executive director of the Red Angus Association of America, will officially take over his new position on March 1, 1979, and begin hiring staff and making detailed plans for the American Angus Association to begin publishing the Aberdeen-Angus Journal starting with the July 1979 issue, according to Allen.

The magazine is currently published in Webster City, Iowa. Murray G. Fretz, president and publisher, and the president of the American Angus Association on November 12, signed a letter of intent for the American Angus Association to purchase the magazine. Details for the transfer of ownership are still being worked out, but the magazine will be published by the Association beginning with the July issue in the Association headquarters at St. Joseph, Missouri. Tentative plans also call for the Journal to be printed, at least for the first 12 months of Association ownership, by the Hahne Printing Company in Webster City. The Journal was founded in 1919 by the late Fred Hahne and has been published in Webster City, Iowa, since the first issue of August 19, 1919.

The new general manager of the
OL' BURL

Big, lean, long and smooth ... excellent performance and we've never had to pull one of his calves. We consider him a superior breeding bull, but here at Bond, Burl is strictly second team.

The first team at Bond are the nation's highest quality polled Simmental herd sires. In our market, nothing but the best will do. We've designed our breeding program to produce the finest quality beef cattle in the South and our Simmental breeding program demands such bulls as Polaris, Alpine Polled Proto, Alpine Polled Challenger, Polled Power, Rocky and Cojac.

We've got some calves by Burl and they're good ones. But, around here, Burl and some of our equally good Simmental sires just can't make the first team. For more information on Simmentals bred for the Southeast, write or call.
FLORIDA CORN FOR YOUR CATTLE

Save on those freight costs and order Florida-grown corn. We have top quality ground snapped corn and ground yellow corn meal available in bags or bulk, and a good supply of bulk shelled corn. Delivered direct to your ranch in trailer loads lots. Check our prices before you buy.

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Beefalo Field Day
Public Invited
Saturday, February 24, 10 a.m.
at S. E. Montgomery Ranch, Leesburg, Fla.

Meeting to organize Florida Chapter of American Beefalo Association. Cattle will be on display and information provided.

Telephone:
S. E. Montgomery 904/787-0773 or 904/748-3482
Walker Baldwin 904/728-4162

VALMONT INDUSTRIES

linear type irrigation system travels straight down a field rather than going in a circle.

“Journal” is a native of Stillwater, Oklahoma, attended high school in Kansas City, Missouri, and is a 1972 graduate of Kansas State University with a B.S. degree in technical journalism.

949—Valmont adds to irrigation system line

Valmont Industries, Inc., Valley, Nebraska, has announced that it is producing center feed linear irrigation systems in addition to end feed units. The linear type system travels straight down a field rather than going in a circle. With the center feed design, fields on both sides of a canal or ditch can be irrigated. With the water intake located in the center of the system, friction losses are reduced, permitting longer, higher gallonage systems for large acreages. The power unit for the system is located on one of the drive units supporting the two center spans. Systems up to one-half mile in length or longer are available and are capable of irrigating up to 480 acres or more, depending on crop water requirement. They have a capacity to distribute up to 3000 gpm. Power is supplied by a 6-cylinder turbo-charged Deutz diesel engine.

For more information check number 949 and return the form on page 8.

Avco dealers meet in Tampa

Avco New Idea Dealers from the U.S. and Canada who specialize in the Uni-System met with company personnel in Tampa during the week of December 11 for a series of meetings showing new Uni-System products for 1979. U.S. and Canadian distributors and representatives of the agricultural media also attended the meetings. Each meeting included a complete showing of the current “700 Series” Uni line as well as the new “800 Series.”

The “800 Series” represents a major addition to the Uni-System line and consists of a new Power Unit, two new processing units—a Combine, and a Husker, and a complete new line of Corn Heads. A four-row Forage Harvester Row Crop Head and a 15-
Stronger, longer immunity

Wellcome® Vaccines
One of the World’s Leaders

Protect your cattle and sheep with highly antigenic, long acting Clostercine® Vaccines.

For 50 years, Wellcome has produced some of the world’s leading veterinary vaccines. Experienced researchers at Wellcome have originated many breakthroughs, including alum adjuvants. Alum intensifies and extends the length of antigenic stimulation, resulting in stronger, longer immunity.

first for immunity that lasts
The first and best.

IMPERIAL

creep feed

When Nutrition Comes First

LAKELAND CASH FEED

LAKELAND, FLORIDA
Ph. 813 682-6144

AVCO New Idea's Model 801, with increased load-carrying capacity is one of the new low-profile "800 Series" models.

The new low-profile "800 Series" Corn Heads are available in three- and four-row wide models for 36 to 38-inch rows and in three-, four-, and six-row narrow models for corn planted in rows from 28 to 30 inches.

Avco New Idea is unique in the industry in offering interchangeable harvesting units for a single power source. This economical method of building harvesting machines offers an alternative to single-purpose machines and provides a longer period of use throughout the year. This allows farmers to spread harvesting machine costs over several crops.

Established in 1899, Avco New Idea Farm Equipment Division, Coldwater, Ohio, is a leading manufacturer of specialized farm equipment including manure spreaders, pickers, hay tools, and material handling equipment. Uni-System has played a major role in the company's product line growth since its introduction in 1965.

950—Deutz DX tractors unveiled in Florida

DX Formula-Engineered tractors were recently introduced by Deutz Corporation, Agricultural Equipment Division during a meeting in Florida. Included were the DX 90 A (84 PTO HP), DX 110 A (100 PTO HP), DX 140 A (131 PTO HP) and DX 160 A (140 PTO HP), front-wheel drive assist models.

The Deutz meeting was held in Orlando and the tractors were displayed at the Tupperware Convention Center, Kissimmee.

Formula engineered for maximum power and efficiency, the Deutz DX four-wheel drive system accomplishes dual objectives of increased pulling power and economy.

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For information on all tractors check number 950 and return the form on page 8.
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series handles all your free-flowing materials and will mix your feed as well. No need to invest in high priced feed mixing equipment when you own a two compartment Grain-O-Vator 20. Recirculating feed from one compartment to the other mixes your feed fast, efficiently, and at less cost.

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Harsh Mobile Mix® Feeders are designed for rugged use. They are built with heavy materials—all standard:
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This Grain-O-Vator 20 model has twin gates, individually controlled. Close the twin gates and load one compartment in layers. Good uniform mix is obtained by simply unloading into opposite compartment. With the gate again closed, load second compartment in layers and with full pay load proceed to your unloading point. After unloading mixed compartment... mix the second half of your load.

OPERATION—By tractor driver with conveyor controls conveniently located.

DRIVE—From truck two speed axe to assure greater stability and greater weight distribution. 15:50 x 20 Nylon tires on 72” wheel centers.

CAPACITY—5.6 cu. yds. fertilizer approximately 5 1/2 tons; lime approximately 6 1/2 tons.

BODY DIMENSION—Width 78”, inside body length 10 ft.

CONSTRUCTION—Solid welded construction on 12 gauge steel sides and ends mounted on 3/16” steel sills and floor.

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CONVEYOR—24” conveyor chain 1/4” x 1 1/4” bars with 1/4” side links and 7/16” pins.

TEST BOX AND SCALES—Furnished with every machine.

OPTIONS—24” fans for wide spread, Neoprene tarpaulin. Wheel settings available upon request.
1943: O.P.A. slaughter quotas protested

More than a hundred cattlemen assembled for the state cattlemen’s convention in Kissimmee and registered their protest of the slaughter quotas imposed by O.P.A. regulations which would limit the output of most Florida packers to 70 percent of the 1941 deliveries . . . T. J. Durrance of Brighton was named president of the Highlands County Cattlemen’s Association . . . An article by W. G. Kirk covered the grass, breeding and winter feeding phase studies underway at the Range Cattle Experiment Station at Limestone.

1953: Clemons was named cowboy champion

Pete Clemons of Brighton was named Florida champion cowboy for 1952 when the records were reviewed for the year’s rodeo competition . . . The Florida Shorthorn Breeders’ Association sponsored a bull sale at the Orange County Livestock Market, Orlando . . . G. E. Barkoskie of Wabasso was elected president of the Indian River Cattlemen’s Association.

1963: Cellon was elected FCA president

Ralph W. Cellon, Sr., Alachua, was elected president of the Florida Cattlemen’s Association during a meeting of FCA’s board of directors in Kissimmee; he succeeded George Kempfer of Deer Park, who died while in office . . . The annual Santa Fe River Ranch Sunshine Sale held at Alachua averaged $2902 . . . Joe Overstreet of Kissimmee purchased 25 Golden Anxiety Herefords from El Dorado Hereford Farm of Dade City . . . The Wheeler Ranch Quarter Horse production sale at Baker averaged $890 on 35 registered horses.

1973: Cattle numbers in Florida went up

The Florida Crop and Livestock Reporting Service reported that cattle numbers in Florida went up during the 1966-70 period based on results of the Historic Review of Cattle and Calf number report . . . USDA proposed to designate the Coggins blood test as the official diagnostic tool for detecting swamp fever in horses.

THE SCENE ABOVE GOES BACK to the year 1919 and March 20 at L. K. Edwards, Sr., Irvine. It shows a group of newly purchased Angus cows and calves in the barn lot at the ranch. The picture was furnished by the Institute of Food and Agriculture Sciences, University of Florida, Gainesville. The Cattleman needs old pictures for this space and will return the photo undamaged after use.
The multi-purpose roller is all hydraulic controlled from seat, 3-point hitch. Very fast operating.

Hinge type hookup holds rear of fork to bucket. Take front and rear mounts off and on in 5 minutes.

Front fork shown with 2 bales 14 ft. high. Bales on back ready to be unrolled in long ribbon line of hay for cattle feeding.

Long ribbon line of hay is shown for easy access by cattle for feeding in pasture areas.

Roll your big round bales out in 17 to 20 seconds. Handle your bales with ease with bucket fork attachment. Feed 200 cattle in 15 minutes.

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**Is hamburger representative of the industry?**

**Price support program to be reviewed**

Are price supports for beef needed in the industry? A recent report by the “Profitability Committee” of the California Cattlemen’s Association points to some arguments in favor of such a program of parity and price supports for the livestock industry.

Concerned about the trend of the committee’s findings which was given to the marketing committee of the National Cattlemen’s Association is contained in the January 5 issue of Marketline, a semi-monthly letter of comment and information on the livestock marketing scene published by Livestock Merchandising Institute, Kansas City, Missouri. Some of the points discussed are contained in the following paragraphs.

The report was to be covered during NCA’s marketing committee session during the annual convention in Kansas City the latter part of January, according to NCA’s Bill Jones, who would not speculate on what action, if any, the committee would take on the report.

The idea of parity and price supports for farm products has been part of agriculture for years, with the livestock industry always having been an exception to those commodities that receive supports.

Marketline points out there are presently two markets for beef in the U.S.; the growing fast food industry, utilizing ground beef or hamburger, and the fed beef market. What a parity concept could do for beef is set a floor price for frozen ground beef; all other grades would usually be plus this minimum price. When demand warrants a higher price the market price would be found to exceed the support price. The government is currently buying millions of pounds of frozen ground beef, not at a parity price (such as the dairy industry enjoys with its butter, powder and cheese), but on a bid basis.

The question is asked, why choose hamburger as the meat product to price support? Hamburger is now very commonly estimated to account for 40 percent of all beef used by the consuming public. In 1977 it amounted to 50 pounds of hamburger for every man, woman and child in this country.

The sources of the bulk of U.S. hamburger meat are (1) domestic cow beef; (2) a major part of the carcasses of non-fed steers and heifers, and (3) a major portion of our imported beef. To these quantities must be added trimmings from primal cuts and carcasses in both commercial breaking operations and in retail stores.

A look at the government’s current involvement in the beef industry with regard to meat purchases shows that during the last school year, 1977-78, USDA purchases of beef for school lunches alone amounted to 134,458,000 pounds of canned beef at a cost of $805,000.

Yes, is the answer to the question is hamburger representative of the cattle industry with regard to price trends and fluctuations. In the article it was pointed out that a 25-year study of the correlation of live cows and hamburger shows a close relationship. The difference being a change in the spread between the respective prices: 1953-35 cents spread; 1963-40 cents spread; 1973-70 cents spread; 1977-61 cents spread, and 1978-64 cents spread.

The study also indicates that all beef (live) and hamburger show a similar relationship, and that live cows and all beef prices run close to parallel. The importance of the above correlation is to find a meaningful and workable price support plan for beef and an identifiable storable product to support, (hamburger).

Would a price support program for beef have stabilized the post World War II market the past 25 years? The article says “yes” as figures for this period show that all beef and cows run extremely close when compared on a parity price basis. If the 75-90 percent of parity range that is used for milk supports had been in effect, all low points of the three post-war cattle cycles would have been minimized. It is to be noted here that live cattle prices were below 75 percent of parity in 1956-57, again in 1963-64, and during the all-time period lows of 1974-78.

By leveling off the valleys or dips in price, a support program would have also cut down the peaks, because supplies would not have been as short, resulting in a net stabilizing effect. The drastic overkill experienced during the past three years, it was pointed out, is graphically depicted by the violent decline in parity price from a high of over 100 percent in 1973 to a low of 52 percent for cows in 1975, and 60 percent for all beef in 1976. This overkill is still continuing despite improved prices as herds are being culled to service debt requirements.

Cattle cycles are not only becoming more violent but the eighth cattle cycle now rounding out also lasted much longer than in the past. The benefit to the consumer would be wholesome beef at reasonable costs — relating to parity prices, not the turbulent ups and downs of the past. It is also mentioned that by leveling out the cattle cycle the packer would have a more constant supply. Too wide a fluctuation in price and supply results in added costs because the overall beef production plant is not operating at maximum efficiency. Idle plants or overtime can both increase costs. If extremes are eliminated costs should be lowered.

If a price support program were in effect would the government always be involved? Probably not was the answer to this question. Figures indicated that the actual price of cows exceeded 75 percent of parity price range for the period 1966 through 1973, a period of eight years. The past four years have seen cows 5-8 cents per pound below 75 percent of parity.

What effect could a price support program have on the pending beef referendum coming up for a vote in 1979? The reply to this question is that a parity price concept should complement the beef referendum and aid in its passage. Producers are more apt to vote for a promotion and research program if it has an orderly marketing plan to go with it. Promoting and selling more product just to create a market for more imports has a negative effect, but if coupled with a marketing program with a floor price related to parity, it should encourage passage of the referendum and enhance its effectiveness, helping to stabilize both supply and price.

To the question about possible quotas limiting production of beef the answer was “Again, looking at the dairy business as a model, there has been never been quotas assigned to milk or milk products under the Federal Price Support Program. This is not to be confused with Class I (Grade A) milk in

**FCA directors to meet in Tampa**

The last quarterly meeting of FCA’s board of directors is set for March 6-7 at the Holiday Inn Central, Tampa, located just off Ashley Drive near the downtown area.

Following the usual format, committee meetings will be held during the afternoon of March 6 beginning around 3:00 p.m. The executive committee will meet at 10:00 a.m., on March 6.

A social hour and dinner is planned for the evening of March 6.

The board of directors meeting will get underway, Wednesday, March 7, at 9:00 a.m., with adjournment expected to be at noon time.

The Florida CowBelles will also meet during the two-day event.

FCA officials expect a good turnout to note the final quarterly meeting under the leadership of FCA President Henry Douglas of Zephyrhills.
Florida farm forums on slate

The Florida Cooperative Extension Service and the Chicago Mercantile Exchange, Chicago, Illinois, are combining their efforts and programming a series of hedging seminars in several areas of the state.

James R. Simpson, extension economist, University of Florida, Gainesville, and Peter J. Stubben, director of education, Chicago Mercantile Exchange, note that few agricultural products have been more discussed than livestock futures. Yet, they point out, only a relatively small number of producers truly understand and use hedging as a management tool in their livestock operations.

With a view to educating the producer, the free Florida Farm Forums on livestock hedging have been set up for five different dates and locations and they are open to all “farm couples.” A special hedging workshop has been set aside for agricultural lenders, although they are welcome to participate in any of the sessions.

The programs will be held in Marianna, Holiday Inn, February 12; Orlando, Marriott Hotel, February 14 (for agricultural lenders); Ocala, Golden Hills Country Club, February 15; Bartow, Agriculture Pavilion, February 20, and Okeechobee, County Civic Center, February 21.

The forums will begin at 8:30 a.m., and conclude at 3:45 p.m. Lunch will be sponsored by CME.

The mechanics of setting livestock hedges will be discussed and a “roll-up-your-sleeves” workshop will be conducted at each session.

Jim Williams named to deputy post

Former Florida Lieutenant Governor Jim Williams, Ocala, was nominated January 15 by President Carter to be deputy secretary of agriculture.

Williams, 52, will become the highest-ranking Floridian in the Carter administration following the expected Senate confirmation within the next few weeks.

At a recent press conference with members of American Agricultural Editors’ Association in Chicago, Secretary Bob Bergland indicated Williams was the front-runner and that he was looking forward to having the slot filled by him.

Williams will be paid $57,500 a year as the number two USDA official and as the day-to-day administrator of the agency.

Both Senators Lawton Chiles and Dick Stone were strong supporters of the Williams nomination. Stone is a member of the Senate agriculture committee which must confirm Williams.

USDA has a $20 billion annual budget and more than 83,000 full-time employees. It has jurisdiction over crop programs, the Forest Service, food stamp and school lunch programs, Farmers Home Administration, and a number of other agencies.

Vacant for almost a year, the previous deputy was John C. White of Texas, who resigned to become chairman of the Democratic National Committee.

It was reported that Williams, a Marion County cattlemann, has already sold his cattle, rather than be subject to disqualification on departmental policy-making on food, grain, feed grain, and livestock because of a possible conflict of interest. He still retains full or partial ownership of around 800 acres of citrus groves.

A native of Ocala, Williams represented Marion County for six years as a state senator and served the past four years as lieutenant governor.

Corn producers to get same support

Corn producers will be offered a total support of $2.30 a bushel for setting aside 10 percent of the acreage they plant for harvest in 1979 and diverting from production another 10 percent, the same total support as in 1978.

The corn target price is being increased from $2.10 to $2.20 a bushel for those who decide to participate in the 10 percent set-aside program, according to USDA.

The diversion payment will be equal to 10 cents a bushel times the normal production from a participating producer’s corn acreage, instead of 20 cents a bushel as was offered in 1978, it was pointed out.

Join your local county Cattlemen’s Association.
Silver Spurs Rodeo

Florida's Oldest Professional Rodeo
Now Our 63rd
2:30 p.m. Daily Fri., Sat., Sun.
Feb. 23-24-25

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featuring
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- Steer Wrestling
- Bull Riding
- Team Roping
- Cowgirl's Barrel Race
- 30 of Nations Top Trick Riders
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- Bob Romer, Clown
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12,000 Reserved Seats Under Roof
50 Acres of Free Parking
Admission $3.00, $4.00, $5.00, $6.00

Phone Reservations: Silver Spurs
Arena, Kissimmee 305/487-5188, also:
The Arena, Kissimmee 305/847-6467.
Streep's, Orlando 305/849-5240.
Western Gentleman, Dunedin 813/439-1033
Western Corral, Melbourne 305/723-2611

Mail Reservations: Silver Spurs,
Inc., (Tickets), P. O. Box 1909,
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February 21-25
Kissimmee Valley Pavilion
Next to Rodeo Arena

Silver Spurs Horseback Quadrille

FCHA winners listed for past year

FCHA sanctioned events in 1978 totaled
14 with shows held from West Palm
Beach to Tallahassee. The year ended
with the FCHA cutting at Well's
Ranch, Arcadia, and the group's annual
banquet and meeting was held at the
Arcadia Country Club.

Reelected for the new year were
Dick Welles, Arcadia, president;
Howard O'steen, Oxford, vice presi-
dent, and Janet Clement, Odessa, secre-
tary-treasurer. Board members are Don
Beverly; Runt Smith, Ron Marlowe,
Jim Leslie, and Tommy Walls.

Final standings for the 1978 year in open
cutting competition to five places were:
Gay Piper, ridden and owned by
Don Beverly; Lonsun Tiger, ridden by
Bobby Brown, owned by R. D. Welles;
Senor Jet Speed, ridden by Salty Lang-
ford, owned by Bill Hoecherl; Doc's
Wimpy, ridden and owned by Spencer
Harden; Jimbo Pistol, ridden by Salty
Langford, owned by Ron Marlowe.

Non-pro standings were: Gay Piper,
ridden and owned by Don Beverly;
Doc's Wimpy, ridden and owned by
Spencer Harden; Jimbo Pistol, ridden
and owned by Ron Marlowe; Bill's
Jazabell, ridden by Mark Harden,
owned by Spencer Harden; Argentine
Moore, ridden and owned by Robert
Bradley.

$1,500 non-pro winners were:
Chickashia King, ridden and owned by
Bill Talley, Jr.; Bonnie Holly Bar &
Nettie's Star Bar, ridden and owned by
Tommy Walls; Senor Jet Speed, ridden
and owned by Bill Hoecherl; Jimbo
Pistol, ridden and owned by Ron
Marlowe; Bill's Jazabell, ridden by
Mark Harden, owned by Spencer
Harden; Argentine Moore, ridden and
owned by Robert Bradley.

$500 novice horse winners were:
Mr. Blue Bid, ridden by Russ Deason,
owned by Triangle D Ranch; Miss
Swen I11, ridden and owned by
Charleen McManus; Stormy Ordell,
ridden by Pee Wee Clement, owned by
Guy Beaty; Kat's Ace, ridden by Billy
Braman, owned by Jim Kidd; Stampedede
Buena, ridden and owned by Otis Williams.

$500 novice rider winners were:
Simpson's Cricket, ridden and owned by
Al Masciarelli; Burke's Handle Bar,
ridden and owned by Jim Leslie;
Bartender Reed & Jay Bar Cutter,
ridden and owned by Adead Worsham;
Vow Back Smoke & Bonnie Holly Bar,
ridden and owned by Shirley Walls;
Garcia Playboy, ridden and owned by
Jim Megalland.

$250 novice horse winners were:
Miss Swen 111, ridden and owned by
Charleen McManus; Stampede Bueno,
ridden and owned by Otis Williams;
Sorrell Van Joe, ridden and owned by
Runt Smith.

$250 novice rider winners were:
Simpson's Cricket, ridden and owned by
Al Masciarelli; Vow Back Smoke &
Bonnie Holly Bar, ridden and owned by
Shirley Walls; Leo Gentiy, ridden and
owned by Jane Masciarelli; Bartender
Reed & Jay Bar Cutter, ridden and
owned by Adead Worsham; Burke's
Handle Bar, ridden and owned by Jim
Leslie.

Youth cutting winners were: Lady
Leo Hodd & Routed; ridden and owned
by Donna Lee Culverhouse; Chickashia
King, ridden by Wm. Talley III, owned
by Bill Talley, Jr.; Hangold, ridden and
owned by Larry Sherer; (tied for 4-5)
Leo Gentiy & Taps Par, ridden by
Wayne Masciarelli, owned by Al
Masciarelli, and Bill's Jazabell & Doc's
Wimpy, ridden by Mark Harden,
owned by Spencer Harden; Lonsun Tiger,
ridden by Debbie Brown, owned by R. D.
Welles; Senor Jet Speed, ridden by
Veda Dawson, owned by Bill Hoecherl;
Backward S Joe, ridden by Eddie
Marlowe, owned by Ron Marlowe.

Harden wins at NCHA futurity

Spencer Harden of Sanford, was owner
and rider of the ninth place winner,
Quixote Durazno, with 216 points and
$4400.83 at the 1978 National Cutting
Horse Association futurity held in Fort
Worth, Texas, December 10.

Harden also finished second in the
non-pro futurity on the same mare
which earned him an additional $4,700.
Harden is a past two-time non-pro
futurity winner in 1972 and 1975 with
lifetime earnings of $21,223.74. He was
presented with the reserve champion
buckle.

NCHA officials say the 1978 futurity
was a record-setter with 106 horses sell-
ing for a gross of $783,350 for an
average of $7300.

Mike Partin named Brahman treasurer

Mike Partin of Kissimmee was recently
elected treasurer of the Eastern
Brahman Association, at a special meet-
ing of the group held at Kissimmee. He
replaces his uncle, the late O. L. (Slim)
Partin, who served the association for
many years.

In other business, the association
finalized plans for the Quality Brahman
Sale, set for May 11, 1979 at Tampa. G. T.
Stack, Tampa, sale chairman, said the
event will be held in conjunction with
the Florida International Agri-
businesse Trade Show, set for May 10-11,
at the Florida State Fair and Expo Park.
Brahman Association president Byron
Johnson, Ocala, said the sale offering
will include high quality Brahman
females, mostly halter broken.
Additional information will be released
soon, he said.

Support your local county Cow-
Belles Association.

40 / THE FLORIDA CATTLEMAN / FEBRUARY 1979
A lot goes into making your farm a success. But you must have a dependable credit source to ensure that you will have money to buy what you need when you need it.

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Two winter rodeos on schedule

Two of Florida's oldest rodeos have set dates in February and March.

The Silver Spurs Rodeo, Florida's oldest professional rodeo, will be held on February 23-24-25, at the Silver Spurs Arena on U. S. Highway 441, between Kissimmee and St. Cloud.

The Arcadia All-Florida Championship Rodeo Mid-Winter Edition will be held March 9-10-11, at the Fenton Arena on south U. S. Highway 17, Arcadia.

Both rodeos are sanctioned by the Professional Rodeo Cowboy's Association.

Performances at the Silver Spurs will get underway at 2:30 p.m. daily. Each performance will feature saddle bronc riding, bareback bronc riding, calf roping, steer wrestling, bull riding, team roping and girl's barrel racing.

In addition to the regular events, 30 of the nation's top trick riders will appear at the Silver Spurs.

A regular at the Kissimmee event is the well known Silver Spurs Horseback Quadrille. This year's event is being dedicated to the memory of the late O. L. (Slim) Partin, one of the founders of the Silver Spurs and an active member throughout the years.

Known as the "granddaddy of 'em all," the Arcadia rodeo will feature all major events including saddle bronc riding, bareback bronc riding, steer wrestling and barrel racing.

The Arcadia rodeo will begin at 8:00 p.m. on March 9, with performances on the following two days starting at 2:00 p.m.

General admission for the event is $3.00, and $4.00-$5.00 for all-covered reserved seats. Proceeds will go to charity.

Error noted!

The advertisement on page 41 of the January issue of The Cattleman listed the wrong age on the first group of bulls shown in the sale offering by Chipley Livestock Company, Chipley.

Shown in error was the listing "four-year old bulls." This should have read "two-year old bulls." The mistake was pointed out in a telephone call from owner Buddy Neel.

We apologize for this error and those two-year old bulls include 20 3/4 and 7/8 Simmental; five Simbrah; five 1/2 Simmental and 1/2 Santa Gertrudis; 30 3/4 and 7/8 Limousin, and six 5/8 Angus, 3/8 Limousin (Angusin).

Neel reports these are all top bulls and ready to work.
Micronutrients. Why a little dab won’t do ya.

They’re needed in lesser amounts than NPK. And are critical if your soil is hungry for them. Tests have shown that boron, zinc, manganese and other micronutrients have boosted yields up to 20% in peanuts, 20% in corn, 50% in forage—produced big gains in many crops. That’s why our soil test reports tell the exact level of 10 key nutrients plus your pH. Some don’t! So why take chances? You may not know what you’re missing. Rainbow, International Minerals & Chemical Corporation, Mundelein, IL 60060.

YOUR RAINBOW DEALER
Good as his word. And his word is ‘premium’.
Grainger named leader in cowboy race

Morgan Grainger, Hawthorne, was named number one in the all-around rodeo cowboy standings in Florida at the end of 1978 with earnings of $5570.57.

In saddle bronc competition, Monty Henson of Mesquite, Texas was the leader with winnings of $2224.32. The leader of barebacks is Glen Webb, Prairieville, Louisiana, with earnings of $2446.12. Leader in bull riding is Roy Carter of Crockett, Texas with $2344.49.

Steer wrestling leader is Bob Barthle, San Antonio, with $2816.26 pocketed, while Grainger took the lead in calf roping with earnings of $4714.66.

Billy Kay Cox, Sharps, kept her lead in barrel race competition with winnings of $2201.14.

Winners in the various events listed to five places, with earnings listed, follow:

All-around—Morgan Grainger, Hawthorne $5570.57; Charles Lowry, Summerville, Georgia $4632.65; Dan McClellan, Ft. Meade $3143.63; Bill Barthle, San Antonio $3097.89; Lyle Sankey, Augusta, Kansas $2909.22;

Saddle broncs—Monty Henson, Mewaunee, Texas $2224.32; Mel Coleman, Pierceland, Saskatchewan $1435.98; Bob Riedel, Okeechobee $1260.61; Gary Williams, Okeechobee $1124.06; Chip Hunt, Jackson, Mississippi $1084.22.

Barebacks—Glen Webb, Prairieville, Louisiana $2480.12; Denny Wingate, Eureka, Kansas $2258.54; Ellis Ballard, Sarasota $2192.61; Steve Harter, Avon Park $1899.52; Harry Willard, Brimson, Georgia $1407.76.

Steer wrestling—Bob Barthle, San Antonio $2816.26; Charles Lowry, Summerville, Georgia $2445.90; Skip Aker, Tallahassee $2315.90; Bob Bonsall, Rae, Missouri $1599.46; Leroy Mason, N. Hollywood $1478.34.

Calf roping—Morgan Grainger, Hawthorne $4714.66; Dan McClellan, Ft. Meade $2659.71; Charles Lowry, Summerville, Georgia $2186.75; Bill Barthle, San Antonio $2144.57; Del Murphy, Avon Park $2086.84.

Bull riding—Roy Carter, Crockett, Texas $2344.49; Tim Lawrence, Bowling Green $1740.82; Mike Beasley, Sulphur, Louisiana $1625.07; D. R. Touchstone, Jackson, Mississippi $1618.42; Lyle Sankey, Augusta, Kansas $1611.76.

Barrel race—Billy Kay Cox, Sharps $2201.14; Margaret Ames, Zolfo Springs $1768.85; Paula Forster, Plant City $1543.53; Ann Deloach, Palatka $1180.35; Lydia Evans, Newington, Georgia $1055.35.

Lee heads Sumter cattlemen

A. W. Lee, Jr., of Wildwood was elected president of the Sumter County Cattlemen’s Association for the coming year. Serving as vice president will be Charles Lamb of Center Hill.

Reelected secretary-treasurer was Donald E. Todd, Bushnell, while C. Aubrey Caruthers of Oxford was retained as state director.

Serving as directors at the local level are Hurley Nichols, Oxford; R. G. Bigham, Coleman; John D. Brown, Bushnell; Stanton Gideon, Jr., Webster; Cecil Revels, Center Hill; Fred Waldron, Wildwood, and Guy Thompson, Center Hill.

Principal speaker at the annual meeting was Henry Douglas, Zephyrhills, FCA president.

Support your local county Cow-Belles Association.
Florida youth in college on rodeo scholarship

Tim Best, 23, of Polk City, son of Mr. and Mrs. H. F. “Buddy” Best, is attending Mississippi State University, Starkville, Mississippi, on a rodeo scholarship.

He is slated to graduate with honors in December with a degree in animal science. In January he is planning on attending the University of Tennessee at Martin to work on his master’s. He will also receive a rodeo scholarship for this phase of his education.

Best grew up through the ranks of junior rodeo and high school rodeo competition. In 1971 he was the Florida High School Rodeo Association’s champion steer wrestler.

While in college he rodeoed out of the Ozark Region, which includes eight states in the southeastern U. S. The National Intercollegiate Rodeo Association’s national finals rodeo was held in Bozeman, Montana, last June. When the finals began he was in first place in the nation in steer wrestling, but the draw of several bad steers cost him the championship, onlookers felt. He wound up third in the nation in steer wrestling.

In the Ozark Region, Best ended up first in both steer wrestling and calf roping for the college rodeo year 1977-78. He was also runnerup to the all-around title in his region and was only 45 points from winning the award. Through his efforts and these wins, Best was awarded about $1000 in scholarship money.

Raising on the Polk City ranch, Best plans on rodeoing full time on the PRCA circuit when he completes his college work.

St. Johns cattlemen elect officers

Members of the St. Johns County Cattlemen’s Association elected Richard Pacetti, St. Augustine, president for the year. Named to serve as vice president was Albert Triay, Elkton.

Elected secretary was Gus Thomas, Elkton, and Herschel Parrish, St. Augustine, was elected treasurer. Allen Neuse serves as state director.

Local association directors are Steve Simmons, Green Cove Springs; Leo Kight, Hastings; S. B. Lockhart, St. Augustine; R. M. Williams, Jr., Jacksonville, and Chuck Joy, Hastings.

Circle D Ranch
AND WESTERN SHOP
HORSE TRAILERS - CATTLE EQUIPMENT
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THE FAIR STORE
415 S. Park St.
Okeechobee, Fla. 33472
Established 1925
FCA and industry activities!

Recent activities involving FCA members and others are shown in the accompanying photos taken in various parts of the state.

**Top left,** Handling judging chores at the recent Hereford pen bull show and sale in Bartow were, from left, Alto (Bud) Adams, Jr., Fort Pierce; W. C. “Cal” Burns, Brooksville, and D. L. (Don) Wakeman, University of Florida, Gainesville.

**Second from top,** Members of the Florida Water Users Association heard a report of activities from Executive Director Riley Miles of Kissimmee during their annual meeting in West Palm Beach.

**Left, middle,** FCA’s secretary, E. D. “Buddy” Neel of Chipley, has the job of calling the roll at the quarterly meetings as shown here at Vero Beach.

**Second from bottom,** Talking over coming FIATC plans just prior to dedication ceremonies at Kaplan Industries were President B. Edmund David, Winter Haven, at left, and Dr. Roberto Parajon, Miami, secretary of the international trade council.

**Bottom left,** Joe Akerman, author of the book the “Florida Cowman,” at right, autographs a copy for Senator Dick Stone during his recent visit to Madison.

**Center top, left,** Earl Raulerson, Okeechobee, has the reputation for being an expert in preparation of swamp cabbage as shown here.

**Center top, right,** Mark Tripson, president of the Indian River Cattlemen’s Association, welcomed the FCA directors to Vero Beach for their quarterly meeting.

**Center bottom, left,** FCA directors heard a legislative report and other items from Executive Vice President Jim Mummey at Vero Beach.

**Center bottom, right,** FCA President Henry Douglas, Zephyrhills, checks some points with office secretary Theresa Williams, Kissimmee, during the Vero Beach directors meeting.

**Bottom, right,** 1979 Sumter County Cattlemen’s Association officers are from left, standing: John D. Brown, director; Fred Waldron, director; Guy Thompson, immediate past president; Hurley Nichols, director; C. Aubrey Caruthers, state director. Sitting, from left: Donald George, extension director; Donald Todd, secretary-treasurer; A. W. Lee, Jr., president, and Charles Lamb, vice president.
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Check with him and you just might find that you will get the little extra return that will mean the difference between profit and loss in your operation. Check with YOUR local marketman!

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Pat Kelly, Mgr., Ph. 813/494-3737  
1808, 3250  
ARCADIA, 33821

Chiplely Livestock Company*  
Auctions Every Tuesday  
E. D. (Buddy) Neel, Mgr.  
Ph. 904/638-6257, 638-4498  
CHIPLEY, 32428

Gainesville Livestock Company*  
Cattle Auctions Every Mon.-Wed.  
Hog Auctions Every Wednesday  
Mrgs., L. H. (Tommy) Thompson, Jr. and J. W. “Buddy” Clark  
Ph. 904/372-3442  
GAINESVILLE, 32601

Tindel Livestock Market*  
Auctions Every Monday  
Clyde Crutchfield, Mgr.  
Ph. 904/263-3224  
GRACEVILLE, 32440

Jay Livestock Auction  
Auctions Every Tuesday  
Horace McCurdy, Mgr.  
Ph. 904/675-4795  
Jay, Florida 32565

Kissimmee Livestock Market  
Auctions Every Wednesday  
Kenneth Caldwell, Mgr. • Ph. 305/847-3521  
KISSIMMEE, 32741

Columbia Livestock Market*  
Hog Auctions Every Monday  
Cattle Auctions Every Thursday  
H. Tom Willis, Mgr. Ph. 904/755-2300  
LAKE CITY, 32055

Cattlemen's Livestock Markets*  
Monday • Sales • Tuesday  
Bill Hamilton, Mgr.  
Tampa 813/626-5164 • Lakeland 813/682-0117  
TAMPA, 33609 and LAKELAND, 33802

Suwannee Valley Livestock Market*  
Auctions Every Wednesday  
Cecil Moore • Ph. 904/362-1702  
LIVE OAK, 32060

Monticello Stockyard, Inc.*  
Auctions Every Monday  
J. E. Hawkins, Mgr. • Ph. 904/997-5711  
MONTICELLO, 32344

Madison Stockyard Inc.  
Hogs—Monday; Cattle—Tuesday  
George Townsend, Mgr.; 929-4605  
MADISON, 32304

Okeechobee Livestock Market  
Auctions Every Monday & Tuesday  
Pete Clemons, Mgr. • Ph. 813/793-3127  
OKEECHOBEE, 33472

West Florida Livestock Market*  
Sale Every Thursday  
Buddy Williams, Mgr. • Ph. 904/482-2229  
MARIANNA, 32446

Mills Auction Market*  
Hog Auction Every Wednesday  
Cattle Auction Every Thursday  
Clarence & Dot Mills, Mgrs. Ph. 904/732-4454  
Ocala, 32670

Edwards Livestock Company*  
Hog Auction Every Monday  
Cattle Auction Every Wednesday  
O. W. Edwards, Jr., Mgr. • Ph. 904/627-9584  
QUINCY, 32351

Edwards Livestock Company, Inc.  
Auctions Every Monday  
Mrgs.: Doyle Carlton, III, Robert Ray Smith  
Phones 813/773-9747, 773-9560  
WAUCHULA, 33873

Hardee Livestock Market, Inc.  
Auctions Every Monday  
Tampa 813/658-2424, 658-5995  
SEFFNER, 33584

Interstate Livestock Market  
Auctions Every Tuesday  
Jay Lane, Mgr.  
813/689-2424, 689-5995  
WEBSTER, 33597

Sumter County Farmers Market  
Auctions Every Tuesday  
Lamar Hall • Ph. 904/793-2021  
WEBSTER, 33597

Jacksonville Livestock Auction Market*  
Auctions Every Monday  
Thos. W. Waldrop, Owner 904/781-4677  
WHITEHOUSE, 32095

*—Indicates Subscriber to Livestock Marketing Association

For Further Information about Florida Livestock Auction Markets, Contact

Florida ASSOCIATION OF LIVESTOCK MARKETS

P. O. Box 1403, Kissimmee, FL 32741

THE FLORIDA CATTLEMAN / FEBRUARY 1979 / 47
Gibbs sells Red Angus herd

Ronald and Susan Gibbs, Pensacola, announced the sale of their entire brood cow herd to Dr. Fulton M. Greer, Jr., Franklin, Tennessee, owner of Confederate Valley Ranch.

The transaction includes the top "Ohio Princess" and "White Ladell" foundation families that produced the performance champion in many of the Iowa Beef Improvement tests. The majority of the herd either have calves at side or are carrying the services of the world famous, both in the show ring and performance rated champion, HBF Florida Boy Bull. Three herd sires including RJG Branic 39, February, 1975, toll plus son of Florida Boy, Efnu/ous 227, a September 1976 son of CPR Royal 227, and Gibbs Super harderr 53, a young bull of his own distinction.

Confederate Valley Ranch was established 11 years ago. It has grown into a 1500 acre, 300 brood cow herd. A good selection of cattle is being made now for their August 1979 production sale. Confederate Valley Ranch is managed by Mickey Hodge, who gained his previous Red Angus experience with the Pioneer Beef Cattle Company.

Carlton named top water conservationist

The Florida Wildlife Federation recently named Reuben W. Carlton, Fort Pierce, as Water Conservationist of 1979. The award was made in conjunction with the Federation's annual awards program, which is under the sponsorship of Sears, Roebuck and Company. The presentation was made by Richard A. Pettigrew, assistant to President Carter on governmental reorganization.

Carlton is a fourth generation Floridian. Born in Fort Pierce, he has been actively engaged in the cattle and citrus business for his entire adult life.
LIVESTOCK OUTLOOK

The December 1, 1978 cattle on feed report showed reduced placements and higher levels of marketings. The result was a modest rise in fed cattle prices and a $4-6 rise in Florida feeder cattle. The industry continues to be nervous about political factors such as wage and price controls, and a possible relaxation of import quotas in 1979. The result will be continued erratic movements in prices. But, technical factors all point to higher prices. The key for Florida ranchers is to not overreact to short term events.

Fed cattle prices are expected to break $60 early this year and possibly reach $65 by mid year.

Feeder cattle prices should continue strong with 400-500 lb. choice steers in Florida at $75-85 by next fall. Choice 600-700 lb. steers should bring $65-70 in the Spring.

Slaughter cow prices continue to edge up, advancing $2 in December.

Hog prices for 200-220 lb. barrows and gilts averaged $46-48 in Lake City in both November and December. Prices should continue in this range through mid 1979.

PRICE RANGES-ACTUAL AND PROJECTED

<table>
<thead>
<tr>
<th>Year and Month</th>
<th>Omaha 900-1100 pound</th>
<th>Florida 400-500 lb. Steers</th>
<th>Florida 600-700 lb. Steers</th>
<th>Choice Steers Dollars per cwt.</th>
<th>Good Steers Dollars per cwt.</th>
<th>Utility Steers Dollars per cwt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oct.</td>
<td>54-55</td>
<td>63-71</td>
<td>54-65</td>
<td>55-61</td>
<td>47-54</td>
<td>38-46</td>
</tr>
<tr>
<td>Nov.</td>
<td>53-54</td>
<td>66-76</td>
<td>57-69</td>
<td>56-64</td>
<td>50-58</td>
<td>39-48</td>
</tr>
<tr>
<td>Dec.</td>
<td>55-56</td>
<td>72-84</td>
<td>62-75</td>
<td>60-68</td>
<td>53-62</td>
<td>41-51</td>
</tr>
<tr>
<td>1979 Projected</td>
<td>Jan.-Feb.</td>
<td>58-59</td>
<td>70-82</td>
<td>60-78</td>
<td>60-68</td>
<td>53-62</td>
</tr>
<tr>
<td>Mar.-Apr.</td>
<td>60-61</td>
<td>72-84</td>
<td>62-75</td>
<td>64-69</td>
<td>57-61</td>
<td>44-52</td>
</tr>
<tr>
<td>May-Jun.</td>
<td>62-63</td>
<td>73-85</td>
<td>63-76</td>
<td>65-70</td>
<td>58-62</td>
<td>44-52</td>
</tr>
<tr>
<td>Jul.-Sep.</td>
<td>64-65</td>
<td>75-87</td>
<td>65-78</td>
<td>66-71</td>
<td>59-63</td>
<td>45-53</td>
</tr>
</tbody>
</table>

SOURCE: Florida Cooperative Extension Service.

Average Prices Received, Effective Parity and Percent of Parity for Livestock, U.S., December 1977 and 1978

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Dols. per Cwt.</td>
<td>35.50</td>
<td>50.40</td>
<td>58.60</td>
<td>64.40</td>
<td>61</td>
<td>84</td>
</tr>
<tr>
<td>Dols. per Cwt.</td>
<td>37.50</td>
<td>71.90</td>
<td>68.30</td>
<td>74.50</td>
<td>55</td>
<td>97</td>
</tr>
<tr>
<td>Dols. per Cwt.</td>
<td>41.50</td>
<td>48.00</td>
<td>55.70</td>
<td>63.20</td>
<td>75</td>
<td>76</td>
</tr>
</tbody>
</table>

FLORIDA LIVESTOCK OUTLOOK

FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES
FLORIDA AGRICULTURAL EXTENSION SERVICE
ECONOMICS, STATISTICS, & COOPERATIVES SERVICE, USDA

Average Prices Received per cwt.

11 Florida Auctions, December 1977, 1978

<table>
<thead>
<tr>
<th>Grade</th>
<th>Cows</th>
<th>Calves</th>
</tr>
</thead>
<tbody>
<tr>
<td>Slaughte:</td>
<td>Over 250 Lbs.</td>
<td>Choice</td>
</tr>
<tr>
<td>Good</td>
<td>36.23</td>
<td>73.52</td>
</tr>
<tr>
<td>Standard</td>
<td>30.72</td>
<td>55.35</td>
</tr>
<tr>
<td>Utility</td>
<td>26.89</td>
<td>46.18</td>
</tr>
<tr>
<td>Cutter</td>
<td>23.30</td>
<td>40.50</td>
</tr>
<tr>
<td>Canner</td>
<td>18.16</td>
<td>33.11</td>
</tr>
</tbody>
</table>

All Grades
| 24.40 | 43.49 |

Stockers: Over 300 Lbs.

| Choice | --- | 51.02 |
| Good   | 26.36 | 45.73 |
| Standard | 23.84 | 41.41 |
| Utility  | 22.25 | 37.74 |
| Inferior | 16.87 | 27.00 |

All Grades
| 24.16 | 42.86 |

SOURCE: FDA & CS, Division of Marketing, Market News

Average Prices, Dollars per Cwt.

<table>
<thead>
<tr>
<th>Week Ended</th>
<th>Choice (900-1100 Lbs.)</th>
<th>Choice (1100-1300 Lbs.)</th>
<th>Good (900-1100 Lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oct 28</td>
<td>42.38</td>
<td>53.75</td>
<td>42.50</td>
</tr>
<tr>
<td>Nov 25</td>
<td>42.03</td>
<td>54.28</td>
<td>42.28</td>
</tr>
<tr>
<td>Dec 30</td>
<td>40.28</td>
<td>55.56</td>
<td>43.50</td>
</tr>
</tbody>
</table>

SOURCE: U.S.D.A.—AMS

Imported Boneless Beef on Which Duty is Paid Fresh & Frozen, Florida and U.S., 1976-78

<table>
<thead>
<tr>
<th>October</th>
<th>Jan.-Oct.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year</td>
<td>Quantity Rec'd.</td>
</tr>
<tr>
<td>Florida:</td>
<td>1000</td>
</tr>
<tr>
<td>1976</td>
<td>15,399</td>
</tr>
<tr>
<td>1977</td>
<td>16,848</td>
</tr>
<tr>
<td>1978</td>
<td>18,811</td>
</tr>
<tr>
<td>U.S.:</td>
<td>120,090</td>
</tr>
<tr>
<td>1976</td>
<td>84,354</td>
</tr>
<tr>
<td>1978</td>
<td>125,246</td>
</tr>
</tbody>
</table>
Animal Science Highlights

by E. A. OTT
University of Florida, Dept. of Animal Science

What about urea for horses?

Will urea hurt my horse?

Can I feed a cattle supplement (containing urea) to my horses?

Will access to a lick tank containing a molasses-urea mixture benefit or harm my horses?

Each year, sometime after cold weather arrives in Florida, the above questions filter into my office. Ranchers and pleasure horse owners frequently find it desirable or a necessity to pasture their horses with cattle. The widespread use of urea in cattle supplements and the recognition that urea can be toxic to animals if it is not properly fed leads to the concern for the horse’s safety.

Urea is a chemical compound which has long been recognized as an effective source of non-protein nitrogen for the ruminant animal. In the rumen, urea is broken down by the enzyme urease into ammonia which is used by the microorganisms located in the rumen to make protein, which the animal then digests. Excess urea intake or inadequate energy availability can result in the release of ammonia more rapidly than it can be utilized. The excess ammonia is absorbed directly through the rumen wall into the blood stream. If the ammonia is absorbed faster than it can be converted to urea in the liver and excreted via the kidneys, the blood ammonia levels increase and result in ammonia toxicity. Urea itself is not toxic, only the ammonia. The toxicity is prevented by keeping the urea intake low and distributed evenly throughout the day.

Urea for horses

The horse is not a ruminant animal. Consequently, the horse lacks a source of urease activity in the foregut of his digestive system. Since urea is soluble, it is readily absorbed from the small intestine directly into the blood supply where it is excreted by the kidney. This is both an advantage and a disadvantage to the horse.

Since little ammonia is produced in the foregut, the horse is quite tolerant of high urea intakes as demonstrated by the following studies. A protein supplement providing 31 percent non-protein nitrogen (NPN) (about 12 percent urea) was fed to two geldings, a pregnant mare and a yearling foal for five months. No detrimental effects were detected (Ratliff, King and Reynolds, 1963) even though the urea intake averaged .55 lb. per head per day. Ruskoff et al. (1965) fed five pounds per head per day of a supplement containing five percent urea without adverse effects. Blood urea levels did increase markedly, indicating that when urea intake is high, kidney excretion of the urea may be slower than the absorption of urea. It is possible to overload the system by giving large doses of urea in a short period of time. This probably results in some of the urea reaching the horse’s cecum where ammonia is released and absorbed. Cornell workers found that a pound of urea administered to a pony by stomach tube resulted in death within eight hours (Hinz, Lowe and Schryver, 1969). Symptoms of the ammonia toxicity included:

1) Increased blood ammonia levels.
2) Aimless wandering and uncoordinated.
3) Pressing head against a fixed object.

Absorption of urea also eliminates

(Continued on page 58)

Table 1. Nutritional needs of horses (90% DM basis) a

<table>
<thead>
<tr>
<th>Digestible energy</th>
<th>Crude protein</th>
<th>Calcium</th>
<th>Phosphorus</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mcal/kg</td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>Mature horses</td>
<td>2.00</td>
<td>7.7</td>
<td>.27</td>
</tr>
<tr>
<td>Mares, last 90 days gestation</td>
<td>2.25</td>
<td>10.0</td>
<td>.45</td>
</tr>
<tr>
<td>Mares, first 3 mo. lactation</td>
<td>2.60</td>
<td>12.5</td>
<td>.45</td>
</tr>
<tr>
<td>Foal, 3 mo.</td>
<td>2.90</td>
<td>16.0</td>
<td>.80</td>
</tr>
<tr>
<td>Weanling, 6 mo.</td>
<td>2.80</td>
<td>14.5</td>
<td>.60</td>
</tr>
<tr>
<td>Yearling, 12 mo.</td>
<td>2.60</td>
<td>12.0</td>
<td>.50</td>
</tr>
<tr>
<td>2-year-old, 24 mo</td>
<td>2.60</td>
<td>9.0</td>
<td>.40</td>
</tr>
</tbody>
</table>

Mature working horses

| light work | 2.25 | 7.7 | .27 | .18 |
| moderate work | 2.60 | 7.7 | .27 | .18 |
| intense work | 2.80 | 7.7 | .27 | .18 |

aNRC 1978.

bPleasure riding, etc.

cRanch work, roping, cutting, jumping, etc.

dRacing, polo, etc.
SUMMER / FALL / WINTER / SPRING

PHENOTHIAZINE

YEAR-ROUND WORM CONTROL MAKES SENSE

Trademark of West Agro-Chemical, Inc.
TWO YEAR FIELD TRIAL EVALUATES YEAR-ROUND WORM CONTROL WITH PHENOTHIAZINE

PARASITISM — A YEAR-ROUND PROBLEM

Exposure to parasitism is constant, even in winter, and especially if conditions are mild. Parasitism is a herd problem; all animals should be assumed infected since most parasites are not readily visible.

Complete parasite control should be a year-round daily effort employing phenothiazine. Currently, phenothiazine is the only drug approved for continuous daily usage that (1) reduces the level of parasitism by reducing numbers of worm eggs; (2) affects egg embryonation; and (3) kills worm larvae outside the animal in the manure. These effects reduce exposure to parasitism, thereby lowering the level of parasitism in the herd.

TWO YEAR STUDY SHOWS BENEFITS OF YEAR-ROUND WORM CONTROL PROGRAM*

Hereford cows were divided on the basis of age, weight, and type, into treatment and non-treatment groups. In spring and summer both groups were pastured on native grasses; in winter each group received mixed grass hay as required. Both groups received appropriate mineral supplement feed continuously. Phenothiazine was added to the mineral supplement fed to the treatment group.

Data were collected on:

- Calf birth weights.
- Calf weaning weights.
- Total mineral consumption.
- Starting weight for the cows.
- 6-month weight for the cows.
- Average daily gain for calves.
- 12-month weight for cows at end of lactation.
- Daily mineral consumption/head/cow/12-month period.

Treatment in the second year was similar except that both groups were pasture-mated to the same purebred Hereford bull without removal from supplemental treatment and the bull was transferred daily between groups.


WHY WORRY ABOUT WORMS IN FALL AND WINTER?

We tend to forget about worms in fall and winter. However, small numbers of parasites, though not visible, can cause economic losses. Remember, single-dose therapeutic wormers alone have never controlled parasitism. They do nothing to destroy parasite larvae outside the animal, so reinfection occurs within a few days. Address this problem now!

RESULTS

1. Treated cows demonstrated better weight maintenance through two years of feeding.
2. Treated cows ate 240 pounds less hay per cow during the second year while maintaining better bodyweight condition.
3. Treated cows appeared to have more bloom.
4. Calving percentage for both years was 96.3% for the treated group and 88.9% for the controls.
5. 205-day adjusted weaning weights for calves were higher for the treated group.

CONCLUSIONS

Yes, year-round worm control does make sense. Better bloom, heavier cows and calves, better condition, better calving percentage, and higher weaning weights...all with NO extra handling of the animals! This kind of response tells the story. Year-round worm control should be part of your herd health program. Daily dose phenothiazine administered on a continuous year-round basis can mean extra profit for you. Of course, phenothiazine must be supplied in a quality product that ensures proper daily consumption. Follow label directions for maximum response. Phenothiazine offers you the most modern and economical approach to parasite control.
## TWO YEAR COW PERFORMANCE

<table>
<thead>
<tr>
<th></th>
<th>Controls Year 1</th>
<th>Controls Year 2</th>
<th>Treated* Year 1</th>
<th>Treated* Year 2</th>
<th>Treated Minus Controls Year 1</th>
<th>Treated Minus Controls Year 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of cows</td>
<td>12†</td>
<td>15</td>
<td>12</td>
<td>15</td>
<td>-0-</td>
<td>-0-</td>
</tr>
<tr>
<td>Average cow weight at start (lbs.)</td>
<td>1247</td>
<td>NA</td>
<td>1261</td>
<td>NA</td>
<td>+14</td>
<td>NA</td>
</tr>
<tr>
<td>Average cow weight in lactation²</td>
<td>1004</td>
<td>1090</td>
<td>1085</td>
<td>1183</td>
<td>+81</td>
<td>+93</td>
</tr>
<tr>
<td>Average cow weight at end of lactation</td>
<td>1133</td>
<td>1111</td>
<td>1194</td>
<td>1186</td>
<td>+61</td>
<td>+75</td>
</tr>
<tr>
<td>% Calf crop</td>
<td>91.7</td>
<td>86.7</td>
<td>100³</td>
<td>93.3</td>
<td>+8.3</td>
<td>+6.6</td>
</tr>
<tr>
<td>Average hay/cow lbs.</td>
<td>22</td>
<td>20.07</td>
<td>22</td>
<td>18.75</td>
<td>-0-</td>
<td>-1.32</td>
</tr>
<tr>
<td>Average supplement/cow/day ozs.</td>
<td>NA</td>
<td>1.05</td>
<td>6.84</td>
<td>8.27</td>
<td>NA</td>
<td>+5.79</td>
</tr>
</tbody>
</table>

* Treated group received phenothiazine medicated supplement.

1. One cow died due to unknown causes.
2. Year 1 weights taken in May, Year 2 in July.

## TWO YEAR CALF PERFORMANCE (SUMMARY)

<table>
<thead>
<tr>
<th></th>
<th>Controls Year 1</th>
<th>Controls Year 2</th>
<th>Treated Year 1</th>
<th>Treated Year 2</th>
<th>Treated Minus Controls Year 1</th>
<th>Treated Minus Controls Year 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lbs. calf weaned/cow</td>
<td>407.4</td>
<td>365.6</td>
<td>408.6</td>
<td>401.9</td>
<td>+1.2</td>
<td>+36.3</td>
</tr>
<tr>
<td>205 day adjusted weight (lbs.)</td>
<td>444.5</td>
<td>421.9</td>
<td>445.8</td>
<td>430.6</td>
<td>+1.3</td>
<td>+8.7</td>
</tr>
<tr>
<td>Average daily gain (205 day adjusted)</td>
<td>1.74</td>
<td>1.66</td>
<td>1.78</td>
<td>1.71</td>
<td>+0.04</td>
<td>+0.05</td>
</tr>
<tr>
<td>Circa 105 day average calf weight gain</td>
<td>NA</td>
<td>98.8</td>
<td>NA</td>
<td>120.4</td>
<td>NA</td>
<td>+20.6</td>
</tr>
<tr>
<td>Feeder grade¹</td>
<td>13</td>
<td>11.9</td>
<td>13</td>
<td>12.4</td>
<td>-0-</td>
<td>+0.95</td>
</tr>
</tbody>
</table>

1. Feeder grades based on code of 12 - low choice, 13 - average choice, 14 - high choice, 15 - low fancy, etc.

NA: Not Available.

## HERD TWO YEAR SUMMARY

<table>
<thead>
<tr>
<th></th>
<th>CONTROLS</th>
<th>TREATED</th>
<th>TREATED MINUS CONTROLS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total cow years</td>
<td>27†</td>
<td>27</td>
<td>-0-</td>
</tr>
<tr>
<td>% Calf crop</td>
<td>88.9</td>
<td>96.3²</td>
<td>+7.4</td>
</tr>
<tr>
<td>12 month cow weight loss (lbs.)</td>
<td>-3434</td>
<td>-1539</td>
<td>+1865</td>
</tr>
<tr>
<td>12 month weaner calf weight loss (lbs.)</td>
<td>-89</td>
<td>-57</td>
<td>+32</td>
</tr>
<tr>
<td>Weaner calf/cow (lbs.)</td>
<td>384.2</td>
<td>404.9</td>
<td>+20.7</td>
</tr>
<tr>
<td>Total hay (lbs.)</td>
<td>102,250</td>
<td>98,650</td>
<td>-3600</td>
</tr>
<tr>
<td>Total supplement (lbs.)</td>
<td>595.1</td>
<td>3,990</td>
<td>+3394.9</td>
</tr>
<tr>
<td>Total calf weight gain (lbs.)</td>
<td>8,342.0</td>
<td>8,919.1</td>
<td>+577.1</td>
</tr>
</tbody>
</table>

1. One cow died in year 1 due to unknown causes.
2. One calf died shortly after birth in year 1 due to unknown causes.
ARE YOU GETTING ALL THE FEED YOU PAID FOR?

Internal parasites can cause body weight losses or depressed rate of gain. Animals on a poor nutritional level do not resist parasites as well as do well-fed stock. And, in addition, internal parasites adversely affect food conversion efficiency. Thus, if your animals are infected with large numbers of internal parasites, the money you spend on feed is wasted — you are feeding the parasites, not the animals!

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HIGH POINT senior judging team members, flanked by Sans Souci owners John and Jean Corr, are, from left: Lisa Hemminger, Debbie Grant, and Nancy Sawallis, of the Marion County Senior 4-H Club.

WINNER OF THE junior team division at the Sans Souci Field day was the Marion County Junior 4-H. Club members shown above with John and Jean Corr are, from left, Will Boileau, Les Boileau, and Linda Constanzo.

Sans Souci hosts annual Charolais field day; youth judging contests held

Mr. and Mrs. John Corr hosted a large crowd of area 4-H and FFA youths at their annual Sans Souci Farms Charolais Youth Field Day, held December 11, at Ocala.

Included in the field day activities was a judging demonstration by Professor Don L. Wakeman of the University of Florida, Gainesville. Wakeman, the official judge for the judging contest, covered points on body type, structural correctness and breed character.

Rick Williams of RW Bar Custom Fitters, Ocala, gave a grooming and showing demonstration, and Frank Wesson, Koshkonong, Missouri, president of the American International Charolais Association, addressed the group.

The first place senior judging team was the Marion County 4-H. Team members included Darlene Swift, Lisa Hemminger, Nancy Sawallis and Debbie Grant. The team received a purebred Charolais calf from the Corrs for the win.

Also winning a calf for a first place win was the high scoring junior judging team, the Marion County Junior 4-H Club. Team members included Will Boileau, Les Boileau and Linda Constanzo.

Top individual judges at the event were Sawallis in the senior division, and John Dansby, Lake Weir High FFA, in the junior division.

Second place teams receiving plaques were the North Marion High FFA, in the senior division, and the Lake Weir High FFA, in the junior division.

Lunch at the event was prepared by Florida Lime and Dolomite Company, Inc., Ocala.

The next event at Sans Souci Farms will be its first production sale on February 24.

Corr said the progeny and service of GCR Supreme 141 and the greatest opportunity for any Charolais breeder—a full brother or sister through embryo transplant to the 1978 National Champion Bull EXPECTATION.

5 Embryo Transplants Sell

Also featuring the service of Nutmeg’s Avignon FR13, the reserve grand champion, International Livestock Exposition (Chicago) 1969. Res. Junior Champion, 1st National Show, Houston, Texas 1970. Dam was first in cow calf class—2nd National Show, Tampa, 1971.

FALM, FCA host LMA function

Livestock Marketing Association subscribers turned out in strong numbers January 11 for the “Florida Sunshine Reception” at the Sarasota Hyatt House in Sarasota. The event was co-sponsored by the Florida Association of Livestock Markets and the Florida Cattlemen’s Association.

The reception and social get-together was designed to welcome the visitors from all over the country to their annual meeting. A number of market operators from Florida were on hand including L. H. Thompson, Jr., Gainesville, vice president, and Mrs. Dot Mills, Ocala. Pat Kelly, Arcadia, was honorary chairman for the Florida meeting which was given the theme, “The Great Escape.” A ranch Florida style barbecue was held for the gathering on January 12 which was headed up by Kelly.

Henry Douglas, Zephyrhills, FCA president, presented newly elected LMA president, Richard L. Nock of Templeton, California, with a belt buckle on behalf of Florida Cattlemen’s Association.

Newly elected secretary of the national trade group is John E. Hawkins of Monticello. Also present was E. D. “Buddy” Neel, Chipley, who serves on several LMA committees.

The Florida Beef Council was represented by Ron Stephens, Kissimmee, executive director.
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**SANS SOUCI**

owners John and Jean Corr, center, hosted the annual youth Charolais field day which featured Frank Wesson, left, president of AICA, and Don Wakeman of the University of Florida.

Additionally, said Corr, five embryo transplants will sell on February 24. These will be a full brother or sister through embryo transplant to the 1978 national champion bull, Expectation.

Corr said this represents a great opportunity for Charolais breeders.

**Floridians named to LMA posts**

Two Florida market operators were elected to office in Livestock Marketing Association and were formally installed during the group's annual meeting held in Sarasota, January 12. Named were John E. Hawkins, Monticello, secretary, and E.D. "Buddy" Neel, Chipley, director.

The new president of the organization is Richard L. Nock of Templeton, California. He succeeded two-term president Loran Casey, Sidney, Montana.

Elected first vice president was Gail Sohler, Yankton, South Dakota; second vice president, Lemmy Wilson, Newport, Tennessee and treasurer, Franck Diercks, Gordon, Nebraska.

A total of 20 directors comprise the group's board.

The annual meeting opened on January 11 with a "Sunshine Reception" co-sponsored by the Florida Association of Livestock Markets and the Florida Cattlemen's Association at the Hyatt House Hotel.

Pat Kelly, Arcadia, who was honorary chairman for the annual event, hosted a barbecue cookout at Trisota Ranch, Sarasota, the evening of January 12.

Join your local county Cattlemen's Association.

56 / THE FLORIDA CATTLEMAN / FEBRUARY 1979
Double Diamond tops buyers at Brangus sale

A Florida ranch took top volume buyer honors at the Southeastern Brangus Breeders Range Bull Sale, held January 6, at Tifton, Georgia.

Double Diamond Ranch, Okeechobee, represented by owner Keith Wold and Harold Price, ranch manager, purchased 11 head of Brangus bulls at the sale for a total of $22,350.

Second high volume buyer at the sale was Adkins Farms, Cordele, Georgia, spending $12,750 for nine bulls.

A $1604 per head average was hit on the 49 Brangus bulls in the sale. The event grossed $78,575.

Top selling bull was Mr. Sun Down 11/7, an April, 1977, bull, consigned by Sundown Ranch, Talladega, Alabama. Galloway and Patton, Muscle Shoals, Alabama, purchased the bull for $4300.

The sale was managed by Syler Sales Management, Inc., Burton, Texas, and Gerald Bowie, West Point, Georgia, was auctioneer.

Buyers at the sale, with number of bulls purchased shown in parentheses if more than one, and amount spent shown, follow:

Double Diamond Ranch, Okeechobee (11) $22,350; Adkins Farms, Cordele, Georgia (9) $12,750; Creek Plantation, Martin, South Carolina (3) $4500; Stanley Ward, Box Vista, Georgia (2) $2200; Wayne Crockett, Waynesboro, Georgia $900; R. S. Airide, Blythe, Georgia (3) $3500; Mathis Farms, Dothan, Alabama (2) $3300; Lee Smith, Americus, Georgia $1400; T. E. Surrence, Adel, Georgia $2000; Kelly Farms, Hartford, Alabama $1200; Stokes Tabb, College, Georgia $2000; Bob Rollins, Rebecca, Georgia $1256; Bar S Brangus, Birmingham, Alabama (2) $1600; Harold Lee, Troy, Alabama (2) $3000; Mulberry Plantation, Camden, South Carolina (2) $2252; Charles Payne, Americus, Georgia $1500; Mayo Farm, Montezuma, Georgia (2) $2650; Shady Dale Farm, Shady Dale, Georgia $1200; Weckman Farm, Newman, Georgia $1350; Galloway & Patton, Muscle Shoals, Alabama $4300; Homer Cable, Molina, Georgia $1150.

Brangus bull sales average high

A report from the International Brangus Breeders Association, San Antonio, Texas, says that Brangus range bull sales this past fall recorded averages over $1000 higher than a year ago.

Two major sales in Texas each year are the Sealy sale and the San Angelo sale. The Sealy sale averaged $1805 on 94 bulls, an increase of $802 over last year, while the San Angelo averaged $2611 on 104 bulls, an increase of $1364.

USDA consolidates transportation units

Secretary of Agriculture Bob Bergland has consolidated transportation activities of USDA into a new Office of Transportation. The action took place on December 13, 1978.

Bergland said the consolidation from six different agencies into the one new unit will provide better service to farmers and reduce duplication.

THE FLORIDA CATTLEMAN / FEBRUARY 1979 / 57
Highlights
(Continued from page 50)
its use by intestinal microorganisms as a nitrogen source for protein synthesis. However, there is evidence that urea can be utilized by horses under some conditions to provide part of their protein needs. Thoroughbred and Quarter Horse mares consuming low protein diets retained additional nitrogen when urea was added to the diet (Slade, Robinson and Casey, 1970). The addition of 2.5 percent urea to a low protein diet was of no benefit in ponies studied, by Reitnour and Treece (1971) but in a similar study Hintz and Schryver (1972) found .9 percent urea gave increased nitrogen balance. These reports suggest that if mature horses are consuming protein levels below their requirements some benefit from the urea may occur. The efficiency of utilization is likely too poor to make urea an economical protein source for the horse. Most dry cattle supplements will be low enough in urea that they could be considered completely safe for horses. However, most of the protein from urea would not be well utilized and therefore, a 20 percent protein product which includes eight percent protein from NPN would actually only be a 12 percent protein product for the horse.

Liquid supplements provide a somewhat different situation. Since most of the protein in these products is from an NPN source, a 30 percent protein liquid supplement will only provide the horse with three to 6 percent protein. The horse could, therefore, be very deficient in protein even though he is consuming a fairly large quantity of the liquid supplement. Also, some horses like molasses and will consume extremely large amounts. This offers some risk of protein deficiency. Some horses like molasses will suffice since the energy is needed, a few pounds of oats or some molasses will suffice since the hay will provide adequate protein.

Protein requirements
The protein requirements of horses vary with the animal's age and activity. As shown in Table 1, the mature horse has a fairly low protein requirement if the animal is idle or only being used for work. The gestating mare, lactating mare and growing foal have higher requirements. Perennial grasses (Pangola, Bahia and Bermuda) are usually very low in protein in the winter. Grass hays may also be low enough to require supplemental protein. Inadequate protein intake will result in weight loss, poor hair coat, reduced hoof quality and lack of stamina.

Supplemental protein should be provided when the forage protein content is less than the requirement. A vegetable protein source such as soybean meal, incorporated into a grain concentrate or supplement, is the most efficient way of providing the needed protein. A ranch horse grazing dried grass containing only 5.0 percent crude protein would need about five pounds per day of a grain containing 16 percent protein to provide his protein needs. The same horse receiving Coastal Bermuda grass hay containing nine percent crude protein would get along fine without supplementation. If additional energy is needed, a few pounds of oats or sometimes molasses will suffice since the hay will provide adequate protein.

Conclusions
1) Urea is not an effective source of protein for the horse.
2) Only the vegetable protein portion of a urea containing supplement is well utilized by the horse.
3) The horse has a good tolerance for urea and can consume urea containing products in moderation without detrimental effects.
4) If horses are observed to consume high levels of liquid supplements, other feeding systems should be used.

Support your local county Cow Belles Association.

Plans slated for FALM meeting
Tentative plans have been set for the annual meeting of the Florida Association of Livestock Markets. Arrangements for the two-day meeting, the 28th, are being made with the Gainesville Hilton, Gainesville, for March 16-17. A social hour and dinner will be featured March 16 beginning around 6:30 p.m. A number of industry, educational and legislative people are expected to be present.

The annual business session and election of officers will be held on Saturday, March 17, beginning at 9:00 a.m. Current president is Buddy Williams of Graceville. Vice president is L. H. Thompson, Jr., of Gainesville. Comments on industry matters will be heard at the business meeting from several individuals, including Jim Mummey, Kissimmee, executive vice president of FCA, who will give a report on legislative issues affecting agriculture and marketing.

An invitation has been extended to Mrs. JoAnn Smith, Wacahoota, chairperson of NCA's research, promotion and consumer relations committee, to be the guest speaker and present an update on the beeferculture program. A luncheon on Saturday will wind up the annual meeting.
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FBCIA renames Baldwin president
The Florida Beef Cattle Improvement Association (FBCIA) met recently at Gainesville and elected Leroy Baldwin, Ocala, to a second term as president.

James Harper, Ocala, who presided at the meeting in the absence of Baldwin, was reelected vice president; Bob Sand, Gainesville, was renominated secretary; and Fred McCullers, Alachua, was elected treasurer.

In other business, Harper announced that the FBCIA directors were studying the feasibility of printing membership application forms and membership certificates. Harper also said that the next annual meeting of the association will probably be held in mid-January of 1980.

The group is also proposing an increased advertising program, some of which will be aimed at telling producers what the weighing and record keeping programs of FBCIA has done for others and can do for them.

A special ad committee consisting of Pat Corrigan, Vero Beach, chairman, Henry Chitty, Micronopy, and Baldwin was appointed to study the possibilities.

Named to three year term directorships of the association were Walter Richardson, Evinston; W. W. Tilton, Jr., East Palatka, and Andy Andreason, Marianna.

Directors serving two year terms are Greg Carlson, Clewiston, Corrigan and Chitty.

Directors with one year remaining on their terms are Baldwin, Harper, and Ronald Gibbs of Pensacola.

Checks totaling more than $239 million were sent recently to 39 states and Puerto Rico as their shares of revenue from the sale and use of national forest products and services during fiscal 1978, reports USDA.
Turner named to tax commission by Governor Graham

Lat Turner, Sarasota, who serves as chairman of NCA's tax committee, was among 22 Floridians named by Governor Bob Graham to serve on the newly formed state tax commission.

The commission will be headed by Lieutenant Governor Wayne Mixson.

Turner has long been active in tax affairs involving agriculture, and is one of the organizers of the Florida Agricultural Tax Council. He served as president of that group for several terms. Turner, a past president of FCA, is a member of FCA's tax committee and served as chairman a number of years.

Broward cattlemen reelect Woodward

Martin Woodward, Fort Lauderdale, was reelected president of the Broward County Cattlemen's Association for 1979. Vice president is Maynard Osborne, Fort Lauderdale.

Named as secretary was Mrs. Martha D. McLendon, Fort Lauderdale, and treasurer is Bruce Remsberg, Fort Lauderdale.

Woodward will continue to represent the local association as state director.

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Livestock shows are scheduled throughout state

Open livestock shows are on the schedule for the winter and spring season in Florida. Leading off the winter shows was the South Florida Fair, West Palm Beach, held in late January.

Events on the calendar for the future include The Kissimmee Valley Livestock Show and Rodeo, Kissimmee; the Central Florida Fair, Orlando; and winding up the 1978-79 season will be the Florida State Fair, Tampa.

The Kissimmee Valley Livestock Show is set for February 21-25, at the Kissimmee Valley Pavilion, on U. S. Highway 441, between Kissimmee and St. Cloud.

Beef cattle judging will get underway on Wednesday, February 21, with the Brangus Show at 2:00 p.m., followed at 5:30 p.m., with the youth steer judging.

Angus judging will get underway at 10:30 a.m., on February 22, followed at 1:30 p.m. with the Santa Gertrudis show, and at 3:30 p.m., with Charolais judging.

The open Brahma show will be held on February 23 at 11:00 a.m., with the parade of cattle champions scheduled for 6:00 p.m. Winding up the cattle activities will be the youth steer sale set for 7:00 p.m., on February 23.

The Central Florida Fair is set for February 27-March 10, 1979. Beef judging will get started on February 27 with the Angus show at 2:00 p.m., followed by the Santa Gertrudis judging at 4:00 p.m., and Charolais judging at 7:00 p.m.

Brahman judging will start at 2:00 p.m. on February 28, followed at 4:00 p.m. with the Brangus show.

Judges for the open classes at the Central Florida Fair will be Don L. Wakeman of the University of Florida, Gainesville, and Sid Sumner, Bartow, extension beef agent with Polk County.

The final open livestock show of the 1978-79 season will be the Florida State Fair, set for April 4-15. Leading off the judging will be the Santa Gertrudis show, set for 1:00 p.m., April 4. Polled Herefords will be judged at 3:30 p.m., on April 4, and the youth steers will be judged at 7:00 p.m., that evening.

The open Limousin show will get underway on April 5, at 9:00 a.m., followed at 1:00 p.m., with Brahman judging, and at 4:00 p.m. with Charolais judging.

Brangus will be judged on April 6, at 1:00 p.m., and winding up the open beef judging will be the Angus show at 4:00 p.m., April 6.

Judging the classes at the Florida State Fair will be Hollis D. Chapman of Mississippi State University.

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Soil survey funding supported by Council

At its recent quarterly meeting in Gainesville, the Soil and Water Conservation Council gave its support to the full funding necessary to accelerate the state-wide soil survey to its completion. Soil survey information plays an important role in agricultural communities but it also helps in determining where suburbs, parks, industrial complexes and other facilities should be located.

In 1972 the Florida Legislature voted to accelerate the then ongoing soil survey to a point which would totally map the state's soils in 10 years. During the first two years of the "10 Year Plan" the legislature approved appropriations for the increased mapping program. However, competition for the state's revenue increased dramatically the following year due to uncertain economic conditions nationwide. This period brought cut-backs in many state programs, including the soil survey. That year the survey received approximately one-third of the funds outlined in the "10 Year Plan" and today the program still is operating at that level plus a 6 percent inflationary increase received two years ago.

In a cooperative effort, the Florida Department of Agriculture and Consumer Services, the Institute of Food and Agricultural Sciences (IFAS) and local county governments have completed 63 percent of the forecasted field mapping and 72 percent of the soils identification goals projected in the "10 Year Plan."

"Everyone benefits from this program," explained Herman Bowers, Gainesville, council secretary. "Governmental agencies and private industry alike have utilized the soils data now being collected. We have recently asked for specific examples from these users and certainly this will show the extensive use made of this information."

Current projections under present funding indicate the soil survey will be completed in 11 more years.

Replacing the late P. W. Bottoms, Graceville, as chairman of the Soil and Water Conservation Council was Elwood Geiger. Geiger, a forest consultant in Jacksonville, has been a member of the Duval Soil and Water Conservation District, (SWCD) vice president of the Florida Association of Soil and Water Conservation District Supervisors, (FACD) and a council member for several years. C. Aubrey Caruthers, Oxford, was elected vice chairman. Caruthers is presently chairman of the Sumter SWCD and FACD vice president. He is also state director to FCA from the Sumter County Cattlemen's Association and chairman of FCA's Convention Committee.
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THE FLORIDA CATTLEMAN / FEBRUARY 1979 / 65
Ocala Bull Sale averages $1190 on 128 head

A strong average of $1190 per head was struck on 128 breeding age bulls at the 23rd annual Ocala Bull Sale, held January 9, at Ocala. The event is sponsored annually by the Marion County Cattlemen's Association and Southeastern Livestock Association.

Broken down by the breeds, the sale saw 110 Horned and Polled Hereford bulls gross $131,125 to average $1192; eight Angus bulls grossed $10,225 to average $1278; six Brahman bulls brought $6850 to average $1142; and four Charolais bulls grossed $4100 to average $1025.

The sale grossed a total of $152,300.

High volume buyer at the sale was Suwannee Valley Livestock Market, Live Oak, with purchases totalling $11,750 for nine bulls.

E. W. Cates & Son, Ocala, was second high volume buyer, spending $7625 for six bulls.

Other volume buyers included Odis Cowart, Center Hill; S. E. Peterson Estate, Ocala; C. E. Newcomer, Okeechobee; and William Roberts, Trenton.

Top price paid at the sale was $1850. Two Polled Hereford bulls, one a consignment from D. N. Malloy, Marianna, and the other from Oceanside Farm, Snow Hill, Maryland, brought the top price at the sale. C. E. Newcomer purchased both bulls.

The Malloy consignment was made in April, 1977, son of RWJ Victor, 133 76, and the Oceanside bull was a May, 1976, son of SR Victor 2, an APHA Gold Seal sire.

The top selling Angus bull was an August, 1976, son of Ankanion Momentum, consigned by Greenway Angus Farm, Ocala. The bull was purchased by Walker Brothers, Hilliard, for $1750.

Sale manager for the event was Jim Glisson, Ocala. Morris Fannon, Pennington, Gap, Virginia, was auctioneer, and Mills Auction Market handled the clerking duties.

Buyers at the sale, with number of bulls purchased shown in parentheses if more than one, and amount spent shown, follow:

Suwannee Valley Livestock Market, Live Oak (9)
$11,750; E. W. Cates & Son, Ocala (6) $7625; Odis Cowart, Center Hill (6) $5900; Chaise Brothers, High Springs (3) $3900; Wolfe Ranch, St. Augustine (3) $5150; Williams Brothers (2) $2500; J. T. Simmons, Archer $1000; C. E. Newcomer, Okeechobee (4) $6575; Harold Mills, Chiefland (2) $2425; Baxter Farm, Albany, Georgia $1075; J. G. Brown $1175; Larry Studdard $1050; Sam Long, Oxford $1500; R. H. Rowland $3450; Dewitt Arnold, Branford $1025; Brown & Brown, Oxford (2) $1950; C. H. Cowart, Bunnell (2) $2300; Donald Poulson, Moore Haven (2) $9325; William Roberts, Trenton (3) $6475; E. S. Peterson Estate, Ocala (7) $6675; Bubbas Hatcher $1100; G. M. Edwards (2) $3200; Pete Cerco $1000; Donald Newby $1025; Gary Cawley, Anthony $1000; Larry Lindsey, Bell $1250; M. E. Tompkins, Lake City $1050; Immel, Inc., Zephyrhills (5) $5075.

Lewis Friend, Pahokee (6) $4950; Clay Whaley, Kissimmee (2) $2300; E. B. Williams, Mayo (3) $2850; Bell & Griffin (2) $2050; J. B. Cattle Co., Ocala (2) $1250; Nanco & Co., Ocala $900; P. J. Dix $1750; Bigham Hide Company, Coleman $1200; E. J. Green Newberry $1225; D. A. Lewis, Jr., Lowell $1050; P. L. Bigham, Coleman $1225; Richard Adams $1175; T. J. Harper, Chiefland $1425; Thomas Boyd, Miccoany $1800; Phlipol Farms, Newbury (2) $2950; Glenn Farms, Fort White $1600; J. V. Edwards, Brookier (3) $3800; E. D. Raultowski, Alma, Georgia $1700; E. B. Williams, Mayo $1025; Parker Produce Company, Elkton $1275; Donald Nelson, Bushnell $1150; Glenn & Hal Boyett, Lake City $2425; Winterbootholl Cattle Company $2950; Bobby Heirs, Romeo (2) $2175; Barry Ranch, Newbury $1125; Dewitt Arnold $950; White Farms, Chiefland (4) $4675; Al Walton, Palatka $975; Walker Brothers, Hilliard $2350; 51 Ranch, Summerville $2350.

Pasco cowmen elect McKendree

A. O. "Pete" McKendree of Dade City was elected president of the Pasco County Cattlemen's Association for the ensuing year. Serving as vice president will be Robert Sanders, Dade City. Secretary is Marion Ruffing, San Antonio, while Carey Lee, Dade City, was named treasurer. Joe Barthle, Dade City, was retained as director to the state association.

Directors with terms expiring in December 1979 are Mitchell Hauff, Dade City; Stella Barthle, San Antonio; P. T. Weeks, Dade City, and Art Schrader, San Antonio.

Directors, all from Dade City, with offices expiring December 1980 are F. E. Spencer; Leo Barthle; Freeman Polk, and John McCarthy.

Those with terms expiring December 1981 are Bert F. Edwards, Trilby; Vernon Hill, Zephyrhills; H. C. Douglas, Zephyrhills, and Randy Barthle, Dade City.

Steer committee chairmen are Mark Weeks, Dade City, and Sanders.

Embryo Transplants born at Ocala farm

Three Simmental embryo transplant calves were born recently at Chandelle Farms, Ocala. Mr. and Mrs. Bob Davenport, farm owners, reported the three calves were all born over Thanksgiving weekend. They are believed to be the first Simmental transplants born in Florida.

The Davenports say all three calves are bulls, all sons of Mars, and out of a Tinkerbell cow. Recipient mothers of the three calves are all Holstein cows.
Council meeting, held in conjunction with the FCA quarterly meeting, December 6, at Vero Beach.

Buddy Williams, Marianna, president of the Florida Association of Livestock Markets, told the committee that regulations requiring markets to backtag hogs were unreasonable and creating additional hardships for market operators. Williams asked Dr. C. L. Campbell, state veterinarian, if state livestock inspectors working at the hog sales could accept the responsibility of backtagging.

Campbell pointed out that identifying the animals is the "responsibility of persons causing the interstate movement of hogs." He said his department is already overburdened with USDA regulations, but agreed to investigate the possibility of state inspectors helping with the service.

Clyde Crutchfield, Graceville, owner of the Tindel Livestock Market, asked the committee for further consideration of establishing swine quarantined feedlots. He told council members that there is a need, particularly in west Florida, for quarantined feeding facilities for hogs because a large number of swine coming through markets are under the preferred market weights, older than feeder pigs, and could only go to slaughter. He said farmers selling hogs in this class currently get bottom prices for their animals.

Pete Clemons, Okeechobee, chairman of AITC, asked Crutchfield and Williams to put some facts and figures together on the need for quarantined feedlots and make recommendations to the committee at the next meeting.

The committee also heard from members of the St. Lucie County Cattlemen’s Association who were concerned about an official of the Florida Department of Agriculture who they claim suggested the association bring legal suit against one of its members to test his cattle for brucellosis to insure that they county remain a modified-certified free area.

Campbell said there was apparently some misunderstanding and that his department has the responsibility of taking action against violators of animal health regulations.

Campbell reported on remarks from the U.S. Animal Health Association brucellosis committee concerning the Brucellosis Technical Commission report. He said there will be a large number of changes in regulations resulting from the report and that his office will assemble the complete package before recommending changes to comply with USDA regulations.
CowBelles look for busy New Year

PRESIDENT'S BY-LINES

Happy New Year! My wish for all of us is a wonderful year filled with good things happening in our lives as well as our industry. There are exciting projects ahead for CowBelles so let us resolve to work for organization with enthusiasm. There must be a place for each of us to work in our own special way to make the Florida CowBelles Association bigger and better. We now have 500 members and that is great, but with effort we can have increased membership during the coming year.

We invite interested ladies to join the state association. You do not have to be a member of a county group to be a part of state and national organizations. Your support and dues are vitally needed. We also urge each County CowBelle Club to work for increased membership. Seek out cattlemen's wives and friends in surrounding counties that do not have a CowBelle unit and invite them to be a part of your activities.

Additional Farm-City Week reports have now been received. Pasco County CowBelles sent newspaper articles with the Farm-City Week logo to five county newspapers. Radio spots and Farm-City Week Fact Sheets were sent to three county radio stations. Over 1000 Farm-City Week fact sheets were duplicated and distributed to banks, extension clubs and the extension office. Also the CowBelles opened their monthly meeting to the public and fact sheets were distributed there. The Pasco County Cattlemen held a barbecue on November 9 which was also open to the public. Three CowBelles made five tapes which were to be heard at radio stations at intervals during the entire week. The station also used the fact sheet to make public service announcements.

Highlands County CowBelles were in eight stores distributing the Farm-City Week literature. The stores were in Lake Placid, Avon Park and Sebring. St. Lucie County CowBelles were hostesses for a large gathering of ranchers, farmers, businessmen and city officials at a barbecue luncheon. They served home cooked foods and beef barbecue to over 300 people. The mayor of Fort Pierce issued a Farm-City Week Proclamation. Talks were given by a county commissioner and the vice president of Florida Farm Bureau. Representatives from the grocery chains who had helped CowBelles in their beef promotions were guests at this function. Beef Buttons and beef literature were used as table favors.

Billie Jo Simmons, state publicity chairman, arranged for your president to be guest of Jean Beem, county agent, on channel 8. I presented a sirloin tip roast to the Honorale Lloyd Copeland on behalf of the Florida CowBelles Association and told of our participation in Farm-City Week.

Several counties have told us of enjoying Christmas parties during the holiday season. Highlands County CowBelles, their husbands and friends held their party at the home of Mr. and Mrs. Aubrey Bone. The St. Lucie group enjoyed their get-together at Brad and Susan Culverhouse's home. Pasco County CowBelles joined the cattlemen for a covered dish dinner and also had a party just for the "Belles." Bridgette Fultz entertained the Hillsborough County CowBelles in her home for their annual covered dish Christmas dinner and gift exchange. We hope many more of you had good fellowship during this wonderful time of year.

A mistake was made in reporting the State Beef Cook-Off date. It will be held April 20 in Hillsborough County. Deadline date for entries to be received is March 15. Chairman Donna Pettit urges you to plan your county cook-off right away. Donna passed out material at the December director's meeting and is mailing a follow-up letter this week. If you have any questions, please contact Donna or me. We hope to have many county cook-offs. Hillsborough County is pleased that our Cook-Off will be held at the Strawberry Festival in Plant City March 9.

There is a new ways and means item that attracted a lot of attention at the director's meeting in Vero Beach. Imogene Yarbrough has obtained handmade wood planters fashioned after Brahman bulls, English type bulls, and a horse. The large planter, $15.00, small one $6.00, and the horse $6.50, may be ordered prepaid from our ways and means chairman. These are very attractive and will hold a plant, vase or gift.

At a meeting of the state advisory committee for Farm-City Week, chaired by Senator Julia Lane, it was decided to award a plaque to the individual or organization that has had an outstanding Farm-City Week program. You may send a letter outlining your 1978 program for consideration to receive this plaque to Clarence Bizet, merchandising specialist, Room 422, Tallahassee 32304. Please send the letter in duplicate.

During the holidays, CowBelle activity lessened somewhat, so I will have space to give you some important reminders. Please keep the Short Course foremost in your planning. The first day, March 21, will be our big day at the Tupperware Center, open to the public and packed with interesting features. Make your plans to attend, invite your friends, tell a teacher what a great field trip it would be for her class, call a club program chairman and suggest the day as an innovative program for her group (or his group). With talented people like Ruth Hogan and Zane Palmer, J. W. Carpenter, Roger West, JoAnn Smith and others we can confidentially ask all ages of folks knowing that they will have a good time. Contact senior citizens clubs, scout troops, garden clubs, 4-H, FFA and home ec classes. The success of sharing our "Know Your Beef Short Course" with the public will depend upon the publicity that we give to the public. So put your thinking caps on and let's get busy. If you do not have a publicity chairman in your group, appoint one and ask her to start now spreading the word. If we do not have your chairman's name, please send it in.

May I again ask you to send in reports of your County CowBelles' activities. We know that you are involved in interesting projects and achieve many good things for the beef industry. So will you share with us all. We receive reports from just a few counties and we would like to brag about all of you.

Don't forget Carolyn Kemper's recipe project. Last call is out for your very best recipes to represent you in our own CowBelle recipe collection. I'd like to share with you a couple of cute ideas used in the Collier County Organization. Since Valentine's Day is next month, they have a "Serve Beef to Your Sweetheart" project. When Mildred Price, their president, appointed the sweetheart chairman, she was called a "Sweetheart to hunt a Sweetheart." I Like That! See you soon,

—Katharine Simms, President Florida CowBelles Association
Water group holds annual election session

Members of the Florida Water Users Association held their annual election meeting in West Palm Beach on November 28, 1978, with a strong attendance noted. Principal speaker at the luncheon session was Senator John W. Vogt of Cocoa Beach.

Vogt, who was introduced by Bob Lee of Clewiston, gave emphasis to the costs of environmental controls and regulations. Vogt said such costs have contributed heavily to the current inflation and present economic conditions.

He said he was not placing a blanket indictment on environmental regulations, but pointed out this area should be carefully watched as he believes Congress has funded too many programs without regard to costs.

Vogt said there is a need to keep agriculture in Florida strong and questioned whether urbanization could be continued indefinitely in certain areas of the state.

Representative R. Dale Patchett of Vero Beach, a member of the House Natural Resources Committee, also attended the meeting. He reported his committed hopes to eliminate some of the duplication that now exists in permitting procedures for water use.

Executive Director Riley Miles, Kissimmee, reported on his work during the past year indicating that most activities had been successful with the exception of the Corps of Engineers under their dredge and fill authority which affects agriculture.

Referring to EPA’s plans to declare the Biscayne Aquifer the sole source of water supply for south Florida, Miles said this is “one more approach for federal control of land use.”

Elected president to succeed S. O. Chase, Jr., Sanford, was John C. Norris, Auburndale. Atwood Dunwody was re-elected secretary and Harvey A. Dahl, Melbourne, was re-elected treasurer. Miles was also retained as executive director.

Appaloosa gets gold medallion

At the 1978 World Championship Appaloosa Show held November 5-11 at Oklahoma City, Oklahoma, Go Sudden-It, owned by Jerry Flores of Ocajon, California, and shown by Rosy Reed, took first place honors in the Senior English Pleasure saddle seat class at the show.

He earned his bronze medallion in racing in 1974 and his silver in endurance riding in 1976. This is only the third time the gold medallion has been awarded.
Bankruptcy noted for national firm; packer affected

Food Fair, Inc., a retail food and meat packing corporation located in Philadelphia, Pennsylvania, has been ordered by USDA to cease violating the payment requirements of the Packers and Stockyards (P&S) Act. The corporation has filed a Chapter XI petition under the Federal Bankruptcy Act.

Also, it has been learned that a Florida firm, Federal Packing Company, Inc., of Hialeah, which was said to have conducted business with Food Fair, has declared bankruptcy. The company, formerly Max Bauer, has been in business in the Miami area for many years.

Food Fair has been charged by USDA with failing to pay for more than $2.6 million worth of livestock bought from at least 42 livestock firms in the country.

Charles B. Jennings, administrator of USDA's packers and stockyards program, said P&S officials worked with Food Fair's attorneys to arrange payment of the $2.6 million to the livestock sellers, as required by the 1976 trust provisions amendments to the P&S Act. All cash sellers have been paid, it was reported.

Food Fair operates retail food stores in eastern cities and owns and operates Allen Packing Company, Elizabeth, New Jersey; Midtown Veal and Mutton Company, Newark, New Jersey, and United Packing Company, Denver, Colorado. United is the only firm currently buying livestock for slaughter.

The Philadelphia company waived oral hearing and consented to the order without admitting or denying the charges filed against it.

The USDA administrative judge handling the case ordered Food Fair and its officers, directors, and employees to cease and desist from failing to pay, when due, the full price of livestock, meat, meat food products, or livestock products purchased.

The cease and desist order, like a permanent injunction, was issued to insure future compliance with the P&S Act. Meat packers are required, under the P&S Act, to maintain a solvent financial position and to pay promptly for livestock and meat.

Placements of cattle and calves in the seven major feeding states during November were 1.89 million, down eight percent from last year and 12 percent below November 1976, according to USDA.

According to USDA's Livestock and Meat Situation report, U.S. commercial red meat output for all of 1979 will run one to two percent below 1978's estimated 38.1 billion pound total.
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Harrell Beefmasters are beef producers, big and growthy. That's what Beefmasters are known for. Harrell breeds and selects bulls for that ability to grow, so our customers have something more to take to market in their calves.

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Market news recorders aid producers

Florida participants in the reporting of market news through its Department of Agriculture and USDA's Agricultural Marketing Service. The state office is located in Winter Park with G. N. Rhodes, supervisor, livestock section, bureau of market news, in charge.

Rhodes reports there are four autotelephone livestock market news recorders in Florida. Locations and numbers are: Winter Park 305/628-0412; Fort Pierce 305/465-6216; Mango 813/621-4241; and Trenton 904/463-2427.

Additionally, says Rhodes, a recorder is located in the USDA (federal-state) office in Thomasville, Georgia, 912/226-9511, which operates from 5:00 p.m., to 8:00 a.m., only. The Thomasville recorder gives detailed hog market information, Georgia cattle markets, and national cattle, hog and carlot beef information.

The Florida recorders all give price information on Florida cattle auctions; southeastern slaughter barrows and gilts; midwestern cattle, hogs and carlot beef; Texas Panhandle area slaughter cattle, carlot beef, and feeder cattle; slaughter and feeder steer futures; corn and soybean prices F.O.B. Chicago, and daily cattle numbers slaughtered under federal inspection. All Florida recorders are updated daily at 5:00 p.m., with the Winter Park recorder (305/628-0412) updated also at 10:00 a.m. All operate on a 24-hour basis.

Rhodes said tentative plans are to install an additional recorder in Tallahassee which will round out state-wide service.

Market news reporter dies

Harold C. "Cab" Howze, a long-time cattle market news reporter with the Florida Department of Agriculture, died in Wauchula on December 31, following a lengthy illness.

Prior to employment with the federal-state market news service, after a year's military service, Howze worked with the Range Cattle Experiment Station at Ona from November 1947, to June 1952, and the Indian Trail Ranch from June 1952, to January 1954. He worked continuously with the market reporting service from January 1954 until mid-1978, reporting cattle sales in central and south Florida. He also served on grading and sifting committees at many cattle sales and youth shows. For a number of years, he supported and assisted local 4-H and FFA members with steer projects.

Howze is survived by his wife, Ruby, son Hal, and daughter Jan, a number of relatives and many close friends.
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General Public Invited

Wednesday, March 21, 7 p.m. — CowBelle Banquet
Holiday Inn, Kissimmee

Thursday, March 22, 8 a.m. to 12:00 — Know Your Beef Review
Florida CowBelles

The annual Know Your Beef Short Course will be held at the Tupperware Convention Center in an effort to better tell our story to consumers, and to provide a greater facility of learning for the CowBelles, Home Economics Agents, School Nutritionists, etc.

Make every effort to come, and encourage your local Home Economics Agents, School Lunchroom Personnel and Consumer Groups to attend. Headquarters will be the Holiday Inn, Kissimmee. Telephone 305/846-4646.

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The Third Annual Southeastern Futuristic Angus Show and Sale is slated to be held on the grounds of the Orlando Hyatt House near Kissimmee. The initial event in 1977 was held on the property of the Sheraton Jet Port Inn, Orlando, to note the first time a purebred cattle show was held on hotel grounds in Florida. Scenes from that event are shown above.

Third annual Angus event scheduled for hotel grounds near Kissimmee

Plans for the third annual Southeastern Futuristic Angus Show and Sale under the sponsorship of the Florida Angus Association, have been announced by the breed group's president, J. R. Thompson of Marianna. The event will be held on the grounds of the Orlando Hyatt House near Kissimmee, February 14-17.

Thompson reported the entire program has been set up by Leroy Baldwin, Ocala, chairman, in coordination with Phil Sanders, Inc., Laurel, Mississippi, and John Crouch, Mauldin, South Carolina, southeastern regional manager, American Angus Association.

Sanders will handle the auction sale while Crouch will supervise the youth events and open breeding show. Baldwin is overall chairman for the program.

The event, to note the second time that a purebred cattle show and sale will be held on hotel property in Florida, was held the first time in 1977 at the Sheraton Jet Port Inn, Orlando. Last year's program was held at Exposition Park, Orlando. Both events attracted top quality Angus cattle from both in and out-of-state with the auction sales averaging $1000

Baldwin said a full program has been planned with entry of cattle on Wednesday, February 14. The evening is free for visiting area attractions.

Youth day will be Thursday, February 15 with registration opening at 9:00 a.m. A judging contest for 4-H and FFA members will begin at 9:15. Lunch will be available on site at 11:45 a.m. with the junior Angus show and showmanship contest set to start at 1:00 p.m.

A business meeting of the Florida Junior Angus Association will be held in the headquarters hotel at 6:00 p.m.

On Friday, February 16, the morning will be open for tours of area attractions. Beginning at 1:00 p.m., the Southeastern Futuristic Angus Show will begin with judging duties being handled by Dave Pingrey of Benton, Mississippi. Pingrey is vice president of the American Angus Association.

A social hour will be held in the evening beginning at 6:30 p.m., sponsored by AgriGuard Corporation, Lakeland. A dinner will follow and the evening's activities will conclude with the awards presentation to the winners of both the youth and open shows.

The Saturday program will open with a parade of champions set for 10:00 a.m. The public auction sale of the open show cattle will start at 11:00 a.m. Lunch will be available at the sale site.

The annual business meeting of the Florida Angus Association will be held following the sale.

Baldwin, who has chaired the event since its inception, says there will be 50 head of highly selected Angus cattle to be shown and sold. Consignments will come from noted herds in Florida, Alabama, Georgia, Mississippi and Kentucky.

The show and sale grounds will be set up on the Hyatt property located just off Interstate 4 and Highway 192 west of Kissimmee.

A number of industry companies are expected to have booths set up on the grounds during the four-day event.

American Breeder Service will host a hospitality room.

Southern Star buys

Southern Star Land & Cattle Co., Inc., South Miami, with ranches in Florida, Kansas and Missouri, purchased the reserve grand champion bull at the Denver Western Sale, January 16, for $30,000.

The bull was the Lot 18 entry, ZAF Magnitude, owned by Dave Zehr of Flanagan, Illinois.

Additionally, the firm bought the Lot 45 bull, KMR Beau James, consigned by Keith Russell, Plateville, Colorado, paying $10,000.
NCA objects to meat import level

The National Cattlemen's Association has voiced its strong objection to the level of imports of the Meat Import Act for 1979. The level was set at 1,570 million pounds, according to USDA.

President Carter instructed USDA and the State Department to negotiate voluntary restraint agreements with exporting nations at that level. USDA reports this total for 1979 would represent the same rate of imports as permitted in the last half of 1978. The total is 78 million pounds greater than in calendar year 1978.

According to USDA, Carter's decision is consistent with his statement last July that he would not permit unlimited beef imports in 1979. NCA notes the total is not much less than the estimated level of 1,640 million pounds without restraints. This was strongly objected to by the cattlemen's organization, as the total is significantly higher than would prevail under the Act's basic quota provisions.

NCA also noted that President Carter, in his announcement, provided no assurance that he would not increase imports further during the year.

Said NCA President Dick McDougal, ... "we are concerned that the President may be planning an additional increase at some point in 1979." He pointed out that NCA, in meetings with Carter's top economic advisors, had made a strong case for lower import levels and also for clear commitment not to again intervene, as was done in mid-1978 with higher imports, which cause adverse effects on the market.

McDougal also reminded the Administration that without more assurance that there will not be further tampering with the market, cattlemen will be more reluctant to rebuild herds. The restraint level increase over 1978 amounts to about one-half pound per capita on a carcass weight basis. Admitting this is not large, NCA stresses a lower level would have been "a more positive signal" to cattlemen in the nation.

Concluded McDougal, "As it is now, the Administration appears to care little about the future of the domestic livestock industry. And blame for some of the prospective longer term decrease in beef supplies must be laid at the steps of the White House."

USDA reports winter wheat seedings in the U.S. include 51.5 million acres, up eight percent from a year ago.

Australia and New Zealand continue as the major suppliers of meat imports into the U.S., says USDA.

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9:15 a.m.—4-H and FFA Judging
11:45 a.m.—Lunch
1:00 p.m.—Junior Angus Show & Showmanship Contest
6:00 p.m.—Fla. Jr. Angus Ass'n meeting

Friday, February 16—
1:00 p.m.—Southeastern Futuristic Angus Show
6:30 p.m.—Social Hour
7:30 p.m.—Evening Meal, Awards Presentation

Saturday, February 17—
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Bennett elected Jackson proxy at annual meeting

R. D. Bennett, Greenwood, was elected president of the Jackson County Cattlemen's Association at the organization's annual business meeting. Bennett is a past president of FCA.

Vice president is Doyle Stephens of Grand Ridge and secretary is Earl Collins, Marianna. Treasurer for the association is Henry Sims of Marianna, and state director is Stephens.

Directors for the Jackson County group are R. H. Milton, Marianna; Jan Shadbourn, Marianna; Gerald Mason, Campbellton; William Neel, Grand Ridge; Buddy Williams, Graceville; Robert Earl Sundland, Marianna, and Charles Patrick, Sneads.

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S'Gertrudis average $1394 at Ocala sale

The Florida Santa Gertrudis Association Sale struck an average of $1394 on 53 lots on January 13 at Ocala. The 16th annual event grossed $73,900.

The sale was the climax of a full schedule of activities which got underway on the evening of January 12 with the FSUGA annual banquet. The event attracted one of the largest crowds in the 16 year history of the annual sale.

The banquet featured a presentation by Okeechobee landscape artist Robert Butler who composed a painting on stage. FSUGA President Fred Dietrich, Orlando, later sold the painting at public auction.

Another painting by Butler, featuring Santa Gertrudis cattle, was donated to FSUGA by Winnstead Plantation, Thomasville, Georgia, to be given as a door prize at the sale. The winner was Randall Hall of Wigham, Georgia.

Report available

Interested persons or groups may now purchase copies of the Brucellosis Technical Commission's report from the National Technical Information Service, a USDA official has announced.

The commission's report—by five noted scientists and experts in the fields of veterinary science, public health and agricultural economics—examines the feasibility of eradicating cattle brucellosis. It also makes specific recommendations for improving ongoing eradication efforts in this country.

Paul Becton, director of the national brucellosis eradication program with USDA's Animal and Plant Health Inspection Service at Washington, D.C., said arrangements were made with the National Technical Information Service to offer the report as an accommodation to research organizations, schools, libraries, corporations and private individuals with an interest in the commission's findings.

The report should be ordered by its accession number: PB-288380/AS. Prices are the 209-page report is $9.25 for paper copy and $3 for microfiche. Orders should be addressed to: National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Va. 22161.

According to National Technical Information Service instructions, payment may be by check or money order payable to NTIS, American Express Card account or special NTIS deposit account.

A total of $2280 was collected prior to the sale for the purchase of a yearling heifer to be sold at the sale with proceeds going to the Charles Wolf Hospital Fund. The heifer was later sold for $1900, purchased by K. D. and Eloise Eatmon, Pompano. All money collected over the purchase price of the heifer also went to the fund.

A breakdown of the sale averages showed that 17 bulls grossed $28,725 to average $1749, while 36 female lots grossed $44,175 to average $1227.

Top volume buyer at the sale was Paul Heidrick, Winter Park, who purchased 16 lots for $17,100.

Lovett Farms, Cuthbert, Georgia, was second highest volume purchaser, spending $7950 for eight lots.

Top selling animal in the sale was the lot three bull #3/5, consigned by Brownell, Moger & Associates, Ocala. The coming six year old sire was purchased by Riteco Ranch, Okeechobee, for $3000.

The high selling female lot was a consignment from D. L. Thomas Ranch, Lake City, Miss T Shirt 611 and her Tarsan 590 heifer calf. The pair brought a total of $3000. The heifer was sold to Tom Fowler, Fort White, for $2100, while the heifer calf brought $1200 from Lovett Farms.

Sale chairman for the event was Garry Lamb, Indiantown. Auctioneer was Gerald Bowld, West Point, Georgia.

Buyers at the sale, with number purchased shown in parentheses, and amount spent shown, follow:

Paul Heidrick, Winter Park (6) $17,000; Lovett Farms, Cuthbert, Georgia (8) $9300; Mary Carlton, Fort Pierce (4) $5800; Riteco Ranch, Okeechobee (3) $6400; Winnstead Plantation, Thomasville, Georgia $875; Robert McGill, Groveland (2) $2400; Dwight Thomas Ranch, Lake City $1100; Needham Ranch, New Smyrna Beach $1000; Stage Coach Ranch, Dade City $2050; Tommy Silcox, Millard (3) $2900; William Ryan, Trenton $900; J. Marshall and D. W. Purvis, Lithia (2) $2500; Shelton Land & Cattle Co., South Bay $175; Wilson Jones, Tifton, Georgia $2000; Colin Crews, Lepemburg $1300; Benji Tree Farms, Ocala $2500; Robinson Farms, Inc., Atlanta, Georgia $400; 9 Bar Ranch, Cypress, Texas (2) $1050; Senga Farms, Doeren, Georgia $1500; Harrell & Harmel, Okeechobee $2000; Tom Fowler, Fort White $2100; Eatmon & Johnson Cattle Co., Pompano $2500; K. D. and Eloise Eatmon, Pompano $1000; Zane Blanson, Callahan $1050.

AITE meeting set for March

The quarterly meeting of the Animal Industry Technical Council will be held at 2:00 p.m., Thursday, March 15 at Howard Johnson's located at I-4 and Lee Road, Orlando.

The meeting will be held in conjunction with the quarterly meeting of Dairy Farmers, Inc., according to Wilson Powell of the division of animal industry, Florida Department of Agriculture.

Powell also told FCA that changes in the Uniform Methods and Rules on the brucellosis program are expected to be received from USDA shortly. These will be reviewed for incorporation into state procedures and it is possible that a public hearing as required by law will be held just prior to the FCA convention at Lake Buena Vista in June.
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Agricultural council opposes USDA change

Fighting inflation now through tightened government budgeting and in the future from development of low-energy agricultural technology occupied the Florida Agricultural Advisory Council at its recent Tallahassee meeting.

And, mindful of past efforts to downgrade agriculture in Washington, the council adopted a resolution opposing reorganization of USDA that might hamper forestry, soil and water conservation and rural development programs.

Commissioner of Agriculture Doyle Conner told the council that he had assured Governor Bob Graham he could count on Conner to join in a "meaningful inflation-fighting program" as Graham tries to follow the guidelines laid down by President Carter to cut government spending.

Dr. Kenneth Tefertiller, vice president of agricultural affairs for the University of Florida, warned that energy costs in the future must be met by a program to keep Florida agriculture competitive. He said Florida agriculture had developed on a basis of cheap energy and change must be anticipated "if we are to remain in the top dozen agricultural states."

On the inflation front, Conner declared that "agency-wise and on the producer level, agriculture is not responsive for inflation; they are the victims of it. We're screaming for help." Compared with the cost of a new tractor, Conner said, returns from a steer or a box of oranges do not measure up.

His agency's funding has increased less than 11 percent per year over the past 10 years while general government funding has gone up 18.3 percent, Conner said, so operating an austere department will be nothing new.

Conner added the number of employees authorized for the department increased 1.1 percent per year compared with 5.6 percent for the state government as a whole.

In another reference to the USDA, Conner said he and other state agricultural officials are concerned about a proposal to freeze the level of federal support for state-federal meat inspection programs and are trying to work out an acceptable solution that would keep the program in balance.

Conner said while the state has a cushion of about $475 million for the year, with the state operating on the sale tax recession nationally would hit Florida quickest and hardest. He advocated using the budget surplus to create a healthy reserve fund and investment of the remainder in high-yield securities.

"My feeling is that we will be flat broke soon if there is a turn-down in the economy," he added. Tefertiller indicated there will be a total reallocation of the university agricultural research program to meet the challenge of increasing costs of energy he anticipates by the mid-1980s.

"Florida has more incentive to change than anyone else," Tefertiller said, because it has the most complex array of farm problems—a wider range of pests, low fertility and a greater sensitivity to weather changes.

"We are big energy users and we have more need to be concerned with inflation," he added. "The problem (of costly energy) is masked by today's relatively high farm prices. There will be a change in the middle 80s," and energy costs are expected to double.

On the reorganization of the USDA, Conner recalled former President Nixon had wanted to abolish the agency as a Cabinet-level department. "They were wrong then and they're wrong now" in shuffling programs around, Conner said, but he warned there are still reorganizers in Washington.

A number of USDA functions would be transferred to a new Department of Natural Resources under reorganization plans now under discussion, while some rural development programs would be merged with the Department of Housing and Urban Development.

Mike Hightower, state director of the U.S. Farmers Home Administration, Gainesville, said as far as he knew, the President "has not seen any of this," but Conner warned if the President doesn't hear from the people, you're going to have a detrimental reorganization.

The council unanimously adopted a resolution opposing the shifts in functions.

Hightower reported that the FmHA had been restructured within Florida to be more responsive to the needs of farmers and rural areas and had high hopes of leading in the development of long-range economic programs and improve the services to the people.

The council unanimously re-elected Chairman Russell Godwin of Jacksonville, Vice Chairman Fred Montsdeoca of Ocala and Secretary Erwin Bryan Jr. of Center Hill. The agricultural council representing every major farm enterprise in the state advises Conner on problems and programs of assistance to the industries.

Polled Hereford sales set record

A record-breaking $1498 average was tallied on 65 registered Polled Hereford sales in October, 1978, making that month the highest on record for any with a substantial number of sales.

According to American Polled Hereford Association's monthly figures, more than $6 million was paid at auction for 4580 head of Polled Hereford breeding stock to establish the record.

A breakdown shows 896 1/2 bull lots brought $1,688,180.
State programs under fire

State land conservation programs have come under scrutiny of Congress which feels the public isn't getting its money's worth. This was learned by The Cattlemen during a press conference with Stewart Smith, associate administrator, Agriculture, Stabilization and Conservation Service, USDA, Washington, D.C.

Smith, who is a potato farmer from Maine and holder of a Ph.D. in agricultural economics, said Congress will be looking hard at state conservation programs in the months to come. He emphasized that county commissioners should be encouraged to broaden their thinking in this area.

Also, some farmers have been using the same practices too long and a new view is needed. An evaluation is being made of the various programs and funding with Soil Conservation Service having the lead role. Smith said a completely different approach is on the drawing board and he hinted at the possibility of a mandatory program.

When questioned on this, he stated it would be hoped such programs could remain voluntary.

Plans call for SCS consultation with county authorities and for the state having more activity and judgment in some of the cases. Dollar reserves may be kept at the state level but the counties will have all the authority to use the monies.

Conservation practices designed solely for the benefit of the farmer and his production will come under close scrutiny in fund approval, said Smith. A case in point would be funding for winter cover crops in north and west Florida, which is production oriented if it is grazed, he pointed out.

Smith was present for an ASCS meeting of representatives from 11 south and southeastern states and Puerto Rico in Orlando last November.

The December 1, 1978, inventory of hogs and pigs on Florida farms is estimated at 360,000 head, up 13 percent from a year earlier, USDA reports.
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WARREN COE, engineering manager with Hamilton Standard Division of United Technologies, supervised the installation of the waste-to-energy conversion system installed at Kaplan Industries, Bartow. He is shown above while conducting a press tour of the facility prior to the dedication.

‘Waste-to-energy’ system at Kaplan’s will provide fuel gas to operate plant

The experimental “waste-to-energy” facility recently dedicated at Kaplan Industries, Bartow, is expected to produce enough fuel gas to supply nearly all the energy requirement of Kaplan’s meat packing plant located nearby the feed yards. Spokesmen say eventually it could be the source of power for other uses in the area by tying in with commercial power outlets.

Wastes from 10,000 head of cattle will be processed when the system is in full operation. The program will determine the technical and economic viability of producing fuel and other products from animal wastes under anaerobic fermentation which makes methane gas by using bacteria to break down organic wastes. The experiment will also evaluate the feasibility of using the protein rich byproduct of anaerobic fermentation as an animal feed ingredient.

The system was designed and built by the Hamilton Standard Division of United Technologies under a $1,274,000 contract from the U.S. Department of Energy. Hamilton Standard of Windsor Locks, Connecticut, will operate it for one to two years to determine the commercial feasibility of the process.

Using the thermophilic anaerobic fermentation process (elevated temperatures, absence of oxygen), the facility will convert 25 tons of cattle residue each day into a methane-rich fuel gas and a cattle refeed product. In this process, organic materials are acted upon by microorganisms to produce organic acids. A second group of microorganisms utilizes the organic acids to produce a mixture of methane and carbon dioxide which is suitable as a fuel gas.

This biological process is carried out in two 320,000 gallon tanks. Each tank is mixed with a propeller-type mixer to insure that the operating conditions are uniform throughout the tank and to provide contact between the microorganisms and the organic materials. Residue from the feedlot cattle is continuously scraped and collected as a slurry in a holding tank. This raw material is then pumped into the fermentation tanks. A heat exchanger is used to transfer system waste heat into the incoming residue slurry, and steam is used to bring the slurry up to the proc-
ess operating temperature prior to entering the tanks. Each tank is also equipped with steam injection for maintaining the process temperature. The system is capable of operating at temperatures of up to 150° F.

Warren Coe of Hamilton Standard, says the experimental facility, because of its advanced design concepts, is expected to initially produce fuel gas at less than $5 per million Btu. Additionally, the facility will be used to explore two unique approaches, each of which has the potential to further decrease the cost of fuel gas production.

The first approach involves increasing the amount of fuel gas produced by the facility; second, to reduce the cost of fuel gas through use of an economically valuable coproduct generated by the process to be utilized as a dietary ingredient in cattle feed.

Coe says the two approaches, by themselves or in combination, have the potential for demonstrating the ability of the anaerobic fermentation process to produce fuel gas at today's market prices.

Lee re-named FPHA president

Robert F. Lee, Tallahassee, was recently re-elected president of the Florida Polled Hereford Association.

Wilson A. Rumberger, Bradenton, was named vice president at the meeting, while John W. Gray, Fort Pierce, was retained as secretary, and Marshal Y. Lee, Tallahassee, was selected treasurer.

Directors for the coming year are: Fred McCullers, Alachua; Dallas Malloy, Marianna; Pat Wilson, Frostproof; Dexter Douglass, Tallahassee; W. F. (Bill) Snead, Alachua; and T. F. Thompson, Clermont.

Gray reported that the association will hold a meeting on May 2, in conjunction with the annual Beef Short Course at Gainesville.

Georgia breeders win in Maryland

Two Georgia Polled Hereford breeders were listed among the winning exhibitors at the Leon Falk, Jr., Standard of Perfection (SOP) Polled Hereford Show, held recently in conjunction with the Eastern National Livestock Show, Timonium, Maryland.

Winning reserve grand champion and senior champion female honors was PAF Victra 541 J27, owned jointly by Cinderella Acres, Dawson, Georgia, and Spring Creek Farms, Inc., Pierpont, Ohio.

The reserve bull calf champion at the show was EDR Incomparable, owned jointly by Briar Creek Farms, Alma, Georgia and Tjardes Farms.
Gardinier tops Kissimme bull sale offering

Gardinier Big River Ranch, Tampa, was top volume buyer at the second annual Kissimme Polled Hereford Bull Sale, held January 12, at the Kissimme Livestock Market. The firm spent $17,900 for 20 bulls.

The sale saw a total of 81 Polled Hereford bulls gross $82,000 to average $1012 each.

The second top volume buyer was Davis Cattle Company, Sebring, who spent $10,975 for nine bulls.

All of the bulls in the sale were consigned by breeders from Georgia and Alabama.

Top price paid for a bull at the sale was $1,500 for a two year old, consigned by Mitchell Hereford Farm, Lumber City, Georgia. The buyer was Raleigh Barrow, Kissimme.

The sale was managed by South-eastern Cattle Sales, Reynolds, Georgia. Auctioneer was Buri Little, Jr., Okeechobee.

Buyers at the sale, with number of head purchased shown in parentheses, and amount spent shown, follow:

Gardinier Big River Ranch, Tampa (2) $17,900; Davis Cattle Company, Sebring (9) $10,975; Ralph Barrow, Kissimmee (7) $7175; Ben Hill Griffin, Inc., Frostproof (6) $7675; Longino Ranch, Sarasota (6) $6750; Thelma Lorentz, St. Cloud (4) $1400; A. E. White, Kissimmee (3) $3500; Lewis Friend, Pahokee (3) $3000; Glen Farms, Fort White $1250; Mike Leonard, Loxahatchee (2) $2200; Laverne Yates, Christmas $1515; Oakland Plantation, Blakely, Georgia $1375; Dale Alkins, Webster $1050; Harvey Ranch (2) $1425; 2 Cross Cattle Company, Florida (2) $1925; Ralph Smith, Kissimmee $775; Cecil Tucker, Christmas (2) $1550; Stanley Oversreet, Kissimmee (3) $1175; J. B. Sloan, Groveland $825; Margus Cattle Company, Tampa (4) $3500; 2M Ranch, Belle Glade $1075; Tyson Brothers, St. Cloud $915.

Fussell retained as Polk president

Polk County cattlemen reelected Harris Fussell, Polk City, as president for another term. Vice president is Fred D. Speight of Fort Meade. Secretary and treasurer is Mack Padgett of Lake Wales.

Serving as director to the state association will be Al Bellotto of Lakeland.

The officers named also served as local directors in addition to Leo Charnes, Lakeland; Dalton L. Sherrouse, Lakeland; Milton Warner Bryan, Bartow; William Dudley Putnam, Bartow; Kenneth L. Wetherington, Bartow; L. H. Thornhill, Winter Haven; Curtis B. Pipkin, Lakeland, and C. Lee Eggert, Winter Haven.

Beef production in the U.S. during October, 1978, was at 2.1 billion pounds, up fractionally from a year earlier, USDA reports.

USDA says fertilizer use in the U.S. is off sharply with 47.6 million tons consumption during the year ended June 30, 1978.
RWJ's Annual
PERFORMANCE BULL SALE
Monday, February 26, 1979
at the farm, 12:30 p.m., LESLIE, GEORGIA

Plus ... 20 cows with calves, ready to be rebred ... breeding privileges offered!

RWJ VICTORIA 678 272

RWJ VICTORIA 76 314

The 35 bulls being offered will be from the 39 bulls tested from these outstanding breeders—Anhinga Farms, Tallahassee, Fla., Tjardes Farms, Gibson City, Ill., & RWJ Farms, Leslie, Ga. As in previous years all the bulls will be based prices. The following is performance data on some of the bulls selling.

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These are some of the bulls selling on February 26. 35 bulls of the 39 tested will sell. All bulls are base priced as in previous years. Final wt. and measurements taken December 1, 1977 on completion of 140 Day Feed Test.

Auctioneer: Bryan L. (Bo) Swilley
For data and sale information contact:

RWJ Farms
Vicktor H. Jones • Phone 912/874-6105
Rt. 1, Box 157, Leslie, Georgia 31764

THE FLORIDA CATTLEMAN / FEBRUARY 1979 / 89
Ninth annual trade show slated for Tampa

The Ninth Florida International Agribusiness Trade Show will be held on May 10 and 11, 1979, at the new State Fairgrounds in Tampa. The event will be sponsored by the Florida Department of Agriculture and Consumer Services and the Florida International Agricultural Trade Council. The latter is a non-profit organization of individuals, firms and associations interested in agribusiness foreign trade.

The show will take place immediately after the University of Florida’s Thirteenth Annual Latin American Livestock and Poultry Conference at Gainesville, Florida, which starts May 9 and covers management, feeding, breeding and health of livestock and poultry, conducted in Spanish and especially applying to Latin American problems. It will include ranch visits during and after the conference.

This conference invariably attracts a large group of top agribusinessmen from Central and South America and the Caribbean Islands. The attendance has increased each year, and more visitors than ever are expected in 1979. Besides the Latin American Livestock and Poultry Conference guests (as many as 200 from 19 countries) a larger and larger group has come to Florida each year expressly for the trade show. As this year’s show will again be two days in duration, with more exhibits of livestock and farm machinery than in the past, a record crowd is anticipated.

According to Dr. Roberto E. Parajon, secretary of FIATC and international marketing specialist for the Florida Department of Agriculture, farm machinery, equipment and supplies will be displayed, as well as dairy and beef cattle, horses, swine, poultry, goats and rabbits. Many of these will be available for purchase.

The guests will arrive at the Ramada Inn, just a few minutes away from the Fairgrounds, on the evening of May 9, and there will be a welcoming reception. The next morning, they will proceed to the show at 9:30 a.m. There will be displays of machinery in operation, livestock judging demonstrations, judging contests, with prizes for the winners, horse shows, rodeos, and, of course, lots of Florida hospitality. There will be a banquet at the fairgrounds on the evening of the 10th, and visitors will again spend the night at the nearby Ramada Inn. There will be two days full of interesting activities, concluding with a quality Brahman Heifer Sale on Friday afternoon.

The president of the council, B. Edmund David, Winter Haven, emphasizes that the trade show will be open to all agribusiness people from Latin America, whether or not they attend the Gainesville Conference.

A MARKETING TOOL FOR CATTLEMEN

Can you answer “yes” to these questions?

1. I get the top price attainable for the type of cattle I sell at least 90% of the time.
2. I always know where the cattle industry is in the cattle cycle.
3. I have an accurate, timely, dependable, unbiased source to help me make short and long term marketing decisions.

If you can say “yes” to all the questions above, you have all the market analysis information you need. You don’t need Cattle-Fax.

If you say “no” to any one of the questions, you should consider doing what many successful cattlemen do. They use Cattle-Fax.

Cattle-Fax is a unique marketing tool because:

- It’s timely and accurate
- It includes short and long range outlook information
- It gives you the “feel” as well as the facts about the market
- It can be tailored to individual situations

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WANTED: Cows to produce live calves every year with NO TROUBLE.

Busy, profit-minded cattleman must have cows who calve with no trouble... must raise calves to thrifty market weight... owner has no time for calf-pulling or dehorning... only proven, money-making breed need apply.

THE POLLED HEREFORD COW SHE'S RIGHT FOR THE JOB.

Polled Herefords
The "Trouble-Free" Breed

American Polled Hereford Association
4700 E. 63rd St.
Kansas City, Mo. 64130
Certain tax changes were passed by the 95th Congress which are of special interest to farmers and ranchers. Most of these changes were passed by the Congress during “12th-hour” maneuverings—some of which were unethical—in order to bring the 1978 Revenue Act in line with President Carter’s thinking.

NCA was successful in efforts to obtain a delay in the effective date of carryover basis, cuts in capital gains taxes, investment credit and clarification of its application to single purpose structures, conservation exemption, crop inventory and switching to cash basis, tax-free involuntary conversions, subordination of special use valuation liens, and spouse “earning” estate tax credit in jointly held property.

Other provisions sought by NCA and affiliates which did not survive in the final bills include: indexing of capital gains, exemption from highway use tax and excise tax on certain trailers and semi-trailers, and stepped-up depreciation for small businesses.

The following items are of special consequence to farmers and ranchers:

1. **Carryover Basis.** Of special interest—and as a result of special NCA work—the effective date of the carryover basis was delayed three years (until after December 31, 1979). Modification of the 1976 provision was attempted, but it failed. Conferees promised to consider early next year the problem of those who have already had to file under the 1976 provision. NCA will continue to push for repeal.

2. **Capital Gains.** The top rate for individuals was reduced to 28 percent, down from about 50 percent; the maximum rate for corporations decreased from 30 percent to 28 percent.

The capital gains exclusion will be raised November 1 to 60 percent from 50 percent. The alternative 25 percent rate on the first $50,000 will be repealed January 1. Excluded 60 percent of gains and excess itemized deductions were pulled out of minimum tax preference items and subjected to new alternative minimum tax January 1. The new alternative minimum tax rate will be applied to taxable income or loss, plus excluded 60 percent gains, plus excess itemized deductions, as well as $20,000 exemption. New rate—10 percent first, $40,000; 20 percent next $40,000; and 25 percent over $80,000. The taxpayer pays the larger of regular tax plus minimum tax on eight preference items or new alternative minimum tax.

3. **Investment Credit.** The 10 percent rate and $100,000 used-property limit were made permanent. The limitation on credit offset to 50 percent of tax liability over $25,000 will be raised to 90 percent by 1982, phased in at 10 percent per year beginning in 1979. After November 1, investment credit will apply to rehabilitation of buildings at least 20 years old. The new legislation allows the full 10 percent credit for pollution-control facilities where five-year amortization is elected; exception—five percent where financed with tax exempt bonds. Congress overruled IRS and again specified that single purpose livestock structures (confined, etc.) and greenhouses and poultry structures—are eligible for investment credit, retroactive to August 15, 1971. Farmers and ranchers should consider filing for refunds.

4. **Conservation Exemption.** To the extent that the Secretary of Agriculture determines payment is made primarily for conservation, payments for agricultural conservation programs are excluded from gross income, effective on grants made after September 30, 1979.

5. **Crop Inventory—Cash Basis.** Farmers and ranchers using the accrual basis were exempted from an IRS ruling requiring inventory of growing crops, retroactive to December 31, 1977. Also, a producer may change to the cash basis without prior IRS approval if he does so before January 1, 1981—if he is not required to use accrual under the $1 million corporation rule.

6. **Involuntary Conversion.** For livestock—proceeds will qualify for tax-free rollover if reinvested in property, including real property, used for farming. For property—under special use valuation, farm and ranch qualified heirs may avoid recapture tax on condemnation and other involuntary conversions of property, provided they reinvest in farm or ranch property.

7. **Special Use Valuation Liens.** The Department of Treasury was authorized to subordinate special use valuation liens to farm and ranch operation and term loans.

8. **Spouse Contribution to Estate.** A spouse will be permitted to “earn” estate tax credit on jointly held property (at rate of two percent per year, up to 50 percent or limit of $500,000) if he or she can demonstrate participation in the enterprise.

9. **Extension of Time to Pay Estate Taxes.** The legislation includes a liberalized ownership test in partnerships and corporations for purposes of extended payment of estate taxes. Stock partnerships and interests held by a decedent’s family will be treated as single shareholder or partner.

10. **Michigan PBB Cattle.** Tax relief for Michigan cattle poisoned by chemical PBB was provided.

11. **Corporate Income Tax.** The top rate was lowered from 48 percent to 46 percent, effective next year.

12. **Personal Exemption.** The personal exemption for individuals was raised from $750 to $1,000.

13. **Aircraft Use Tax.** Aerial applicators may claim farm use exemption (refund) for seven cents excise tax on aircraft fuels.

14. **Technical Corrections to 1976 Act.** This bill was attached to the Revenue Act. Important corrections of the 1976 Act as applied to farmers and ranchers are as follows:

   (1) Permit certain living trusts to be shareholders in Subchapter S Corporations for 60-day period.

   (2) Special Use Valuation—Under the bill, farm property passing as a pecuniary bequest qualifies for special use valuation. The bill also restricts taxation of farm use valuation property used to satisfy pecuniary bequests; makes it clear that special use valuation applies to community property in the same manner as property owned by the decedent in his individual capacity; permits qualified heir to be relieved of personal liability by posting bond; limits amount of lien on estate property where 10-15 year extended payment of estate taxes is elected.

1979 Congressional Outlook

In 1979 the U.S. cattle industry will see a more conservative Congress than in recent years—perhaps more so in the Senate than in the House. The conserva-

tive tone was set last year with the pas-

sage of Proposition 13 in California, and the wave of tax cutting fever that followed. The philosophical gap be-

 tween conservatives and liberals appears to be narrowing.

With an unprecedented number of House and Senate retirements last year and the defeat of some incumbents in the general election, the make-up of Congress—and particularly its committees—will be changed, although not radically. The 96th Congress will have 77 freshman members of the House and 18 new Senators—the second highest in Senate history.

The Senate Agriculture Committee will require filling of four Democratic vacancies and one Republican vacancy. On the House side, the large 46-member agriculture committee had six Demo-

cratic seats and one Republican seat to fill before Congress convened Jan. 15.
“Hereford bulls are sure costing more this year.”

“You usually get what you pay for.”

“But calves are selling higher, too. So it appears it isn’t just what that Hereford bull costs, but what he does for your pocketbook.”

“You know, you can’t sell something you never had. You’ve got to get the cow bred and a calf on the ground before you have anything to sell. Those Hereford bulls are the hardest working bulls you ever saw.”

You can get what you want and need, too. Hereford bulls are backed by the world’s largest performance testing program, and there are more bulls produced by registered Hereford breeders and selling at auction than the next two breeds combined. Demand by the commercial industry dictates this.

All things considered . . .

HEREFORD

American Hereford Association • 715 Hereford Drive • Kansas City, Missouri 64101 • Phone (816) 842-3757
Kansas natives made their moves for Florida

by ETHEL HALE STANCIL

Maurice and Edna Warner are about as versatile a couple as you'll find and about as busy. Their farm is on the Moss Bluff Road in eastern Marion County next to that of Edna's parents, William and Bernice Hartman. The Hartmans settled here almost 30 years ago to flee the winters of Hoxie, Kansas. They had a citrus grove on their place but it has about died out, but they also raised cattle, melons and a big garden before their semi-retirement. In their mid-eighties the Hartmans are still active about the farm, in their church and within the family and community. Mrs. Hartman may be able to pick strawberries from her garden easier than you and Mr. Hartman gets up and down with an agility that defies his age.

In Kansas the Hartmans kept a herd of 100 ewes (sheep) and also cattle, hogs and raised wheat. After Edna's brothers left home she and a girl friend were the hired hands during college vacations. They ran the tractors and combines. She recalls the excitement of the lambing seasons when often a mother might become separated from her baby or if she had twins might not claim one and they'd have to handle the "orphan" with a bottle.

After a visit with Edna's brother (their son) who was stationed in Florida during World War II, the Hartmans decided they would move to the state if they had a good farm year. Mr. Hartman's interest was further heightened by being on a jury that heard a case of a man who had bought property in the Everglades that was covered over with water! His farm had a good year and they moved.

Maurice and Edna met at Manhattan State College in Manhattan, Kansas, and were married soon after her parents moved to Florida. Before long they decided they would have greater opportunity away from Kansas. One day while eating Maurice noticed a bottle of Libby's catsup on the shelf. He is a mechanical engineer and he decided to write and ask the company for a job. He did and wrote DuPont also. The results were that they had three free vacations! They went to Old Hickory, Tennessee, and Camden, South Carolina, and finally Ocala where Libby's was just going into the frozen orange juice operation. They decided on the Libby job, largely because Edna's parents were near.

Maurice's parents, the Leo Warners, also moved to Florida after Mr. Warner retired from teaching in Kansas. In Florida, he began teaching again in Dunellon. Retired a second time, he and Mrs. Warner are living now at the Florida Christian Home Apartments in Jacksonville.

The Maurice Warners raise Angus and Charolais cattle on their farm and also have put in quite a number of grapes and blueberries which are producing. They also maintain a big garden.

A thrifty family, Edna and her married daughters as well, can and freeze prolifically. She offers this tip for preparing blueberries. After washing, allow them to dry thoroughly before packing them for freezing. This way there is little trouble in separating them. A little bump usually does the trick. Some people do not wash the berries at all but Edna prefers to.

Daughter Diane and her husband Tom Wilson live on the Warner's farm and plan to begin a home of their own shortly. They are presently living in a mobile home. Plans are for a 3-bedroom, 1 1/2 bath home which Tom will build mostly himself, being in the construction business.

Diane and Tom's children are Rachel, 3 1/2, and Amanda, nearly one. Tom and Diane are both musical, playing various instruments and singing well. Tom plays for their church—using not a note of music for guidance since he plays by ear. Rachel is following suit—singing conventionally but making up many songs already on her own.

Some items and recipes

En route to North Carolina on highway 301 it is sad to see the way we used to travel 2-3 times a year so void of traffic. Time was when vehicles were thick and attractive comfortable restaurants, motels and filling stations beckoned. Now it is difficult to find any of those facilities between towns. Scores of businesses have closed and deteriorated further daily. A few of the old "pecan establishments" have been converted to bars and I noticed one that is now a garage!

We go 301 to Allendale, South Carolina, where we visit the Maxwell Oswells, long time friends who kept our Harold (then a 13 month-old baby), following our accident there. They are truly great people!

We were blessed beyond measure this Holiday Season to have all four of our children and their complete families (we number 19 now) with us. The warm weather was nice for all but especially enjoyed by the Hintons from snowy Kentucky. The children range in age from three months to 18 years. Each is individual and we try to appreciate that quality.

I gave an elderly friend a potted poinsettia and found her very pleased, saying it was the first one she has ever had. This was a surprise because she has lived in Florida for many years and has numerous other plants about her home and yard.

Pecan meal (purchased at souvenir shops that handle pecans usually) may be used in pancakes, in and on other baked goods but also is good as a topping for ice cream, puddings, etc.

A sister-in-law tells me that instant coffee sprinkled over ice cream is good—to those who like coffee!

During these cold days pj bottoms make good pants liners or "long johns" to be worn under slacks.

Our Mother Siamese cat was killed on the highway. She left six kittens. Alex took five of her babies to try to raise them with the help of a doll bottle, while a friend took the other one.

Are you unlucky (or lucky) enough to have a birthday around the holidays? We have seven of our family who have birthdays from November 22 through February 2: Ralph, three of our children (Renn, Hale and Harold) and three grandchildren!

Krispies

Remove the crusts from 6 slices of bread. Cut rest into little logs about 3 x 1/2 inches. Heat in oven at 200 degrees until crisp and lightly brown. Crush crusts.

Mix with 4 T peanut butter and six T cooking oil. Roll logs in mixture and then in crumbs. Dry out again in 200 degree oven. Serve.

Pineapple Crunch Cake

Melt one stick butter or margarine in pan. Sprinkle over this 1/4 c brown sugar and a small can of crushed pineapple, juice and all, and 1/2 c nuts.

Mix yellow cake per instructions on box and pour over "crunch" in pan. Bake at 350 degrees til done. Turn out immediately.
Florida dairyman elected president of national milk organization

Florida dairyman Louis E. Larson of Okeechobee has been elected president of the dairy cooperatives' legislative and regulatory voice in government, the National Milk Producers Federation. Larson was elected by the NMPF board of directors at their annual meeting at Seattle in December.

The National Milk Producers Federation is a 62-year-old farm commodity organization and the only trade association whose membership is comprised exclusively of dairy cooperatives. Through the federation, farmer-owned dairy cooperatives formulate the industry's position on all areas affecting national dairy policy.

Larson operates three dairy farms and one heifer farm in Okeechobee and Highlands counties, milking over 3000 cows on approximately 10,000 acres. Larson markets his milk through the Independent Dairy Farmers Association, Inc., whose main office is at Fort Lauderdale.

A veteran of more than 30 years in dairy farming, Larson has been honored on both a local and national level. His expertise has been recognized by industry leaders, and Larson served on USDA's National Dairy Advisory Committee during the Kennedy and Johnson terms.

In Florida, the Farm Bureau named the Larson family to receive the Dairy Family Award in 1977. In 1975, Larson was named the Outstanding Man in Agriculture by the Florida Association of County Agricultural Agents, and in 1973 he was selected as Outstanding Man in Dairy for the Science Club of the University of Florida.

In addition to his work with the National Milk Producers Federation, Larson is also active as a board member of the Federal Land Bank of Miami, Chairman of the board for Farmers Production Credit Association of Miami, SHARE Council of the University of Florida, member of the University of Florida President's Council of Advisors, president of Florida Agricultural Council, vice chairman of the Board of the Commercial Bank of Okeechobee, member of County and City Government Charter Consolidation Committee of Okeechobee, and board of directors of both the Independent Dairy Farmers Association and Dairy Farmers, Inc.

Dairy farmers set national policy

Market orders, price support, international trade and fake dairy products were the subjects of primary interest at the National Milk Producers Federation 62nd Annual Meeting in Seattle, Washington. Milk marketing cooperatives nationwide sent representatives to hear experts' projections and to question them on the issues which will most affect dairymen and their cooperatives in the days and years ahead.

The federation's annual meeting is the principal decision-making session of the organization. The meeting provides the opportunity and framework for the evaluation of recommendations compiled throughout the year by the various task forces and committees. The policy review committee, after its review of these recommendations, presents the proposals to the board of directors.

The board passed a resolution advocating an amendment to the Agricultural Act of 1949 which would direct the Secretary of Agriculture to support the price paid farmers for milk at a minimum of 80 percent of parity through September 30, 1981.
Sudbrink Limousin Percentage Female Dispersal

(11 Full French Bulls Also Sell)

MARCH 3, 1979
12 NOON AT THE RANCH
MADISON, FLORIDA
The Limousin “Happening” of 1979 in the Southeast is scheduled for March 3 at Madison... please be on hand to select from 226 lots of Limousin, including a top group of coming two-year-old full French and percentage bulls, along with some 200 bred and open females, along with cow-calf pairs of unsurpassed quality.

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Diagnostic Lab Notes

by H. L. RUBIN, D.V.M.
Florida Dept. of Agriculture

Winter and early spring are probably the most difficult times of the year for the cattleman. With forage grasses in short supply and severe extremes in temperature, an animal's resistance to disease and parasites is rapidly lowered. As the animal's resistance is lowered, control and prevention of parasites and disease becomes more and more important. Close observation of your animals should be maintained. If you see animals losing weight faster than you would expect from the feed available, developing rough coats, diarrhea, or ruminating, it would be advisable to contact your veterinarian to have him determine the cause of your problem and make recommendations for the treatment and control of the conditions observed. Veterinary consultation now could save you many dollars later.

Last winter I ended one of my columns with the following brief statement: "Equine Encephalomyelitis—Although warm weather is still several months away, now is the time to have your horses receive their annual equine encephalomyelitis vaccination."

Unfortunately, many horse owners did not heed this warning and as a result, during the past summer and fall months, many horses in Florida died from Eastern Equine Encephalomyelitis (EEE). It is impossible to accurately determine the exact number of horses that died from this disease during the past year. However, using the number of cases of Equine Encephalomyelitis that were diagnosed by the laboratory as a guide, it is safe to assume that as many as 300 Florida horses may have died from EEE infection.

Equine Encephalomyelitis is caused by a virus. In the Americas, three types of Equine Encephalomyelitis virus exist—Western, Eastern and Venezuela. These are maintained in nature in wild birds and wild rodents and are transmitted from bird to bird or animal to animal by the bite of an infected mosquito. See these viruses are transmitted by an arthropod (mosquito), they are known as Arthropodborne or ARBOR viruses. The encephalitis viruses multiply in the body of the mosquito and persist in its salivary glands. Man and horses become infected with the virus when they are bitten by an infected mosquito. Infected horses do not play an important role in the transmission of this disease.
Check to be made for residues

February is the starting date for STOP—a new, quick screening test USDA veterinarians will use to determine if there are antibiotic residues in meat from dairy cows.

Stopping illegal residues is the aim of the STOP campaign, the education effort launched by the dairy industry and USDA, as well as the acronym for the test—Swab Test on Premises. The education effort is to let everyone involved in selling dairy cows for slaughter know that antibiotic residue in meat from dairy cows is a problem and how to prevent it.

Dairy farmers have been aware for some years that they are legally responsible for antibiotic residues that occur in milk and that they must follow a specific withdrawal time before the milk can be marketed.

The same thing is true for meat from culled dairy cows—dairymen are legally responsible for antibiotic residues that occur in the meat and they must withhold the animals from market until the prescribed withdrawal time for a drug is over.

The STOP test will provide a yes or no answer about antibiotic residues within 18 hours, before the carcass would normally leave the slaughter plant. It means more carcasses can be tested for residues, and those found residue-free can be processed more quickly.

USDA's Food Safety and Quality Service (FSQS), the agency responsible for administering the Federal Meat Inspection Act, has been screening cattle for antibiotic residues since 1973. Monitoring has been limited, however, because there was no fast, easily performed test procedure. Now that test, developed by Ralph Johnston of FSQS, is available.

The STOP campaign is concentrating on dairy slaughter cows because they may be subjected to more antibiotic drug treatment than other kinds of cattle. The test will be used at first only on dairy cows showing either needle injection marks or signs of mastitis. Other disease conditions and types of cattle will gradually be included.
Editorials

Annual Banker-Cattleman Day coming up

For a number of years now a traditional day has been set aside in Florida known as Banker-Cattleman Day. It's a joint venture that was started in coordination with the Florida Bankers Association, the Florida Cattlemen's Association and the Cooperative Extension Service.

Designed to bring bankers and cattlemen together to share common interests and seek solutions to problems involving lending and borrowing along with other industry matters, the annual meetings have grown as the years moved on. Cattlemen and their local bankers have joined hands on this day and much has been learned on both sides through this association.

Last year the event was held at Fannin Springs and the featured speaker was former Secretary of Agriculture Earl L. Butz and one of the largest crowds on record came to hear the sage remarks of this sometimes controversial national figure. They weren't disappointed with the words they heard.

The program this year will be held at the Bartow Civic Center. As this was being written, a request was in the channels inviting Florida's newly elected Governor to address the bankers and cattlemen. We feel such a meeting at this time would be beneficial to all. Governor Graham, with his agricultural background along with his business experience, will be well-received.

A fine program is being lined up. Those attending will get a first-hand briefing and look at the experimental anaerobic fermentation facility constructed at Kaplan Industries. Donald Kaplan, president of the company, will give a comprehensive view of the system and what it is designed to do. Following luncheon, an on-site tour of the facility at the feedyards is slated.

This year's affair appears to be shaping up as one of the best. Why don't you mark your calendar for Bartow on February 22, contact your banker and plan to be there. It should be a dividend payer.

Producing fuel gas from cattle residue

As mentioned above, something new is in Florida. And it happens to be the nation's first full-scale experimental cattle residue-to-methane gas conversion facility. Designed and constructed by Hamilton Standard Division of United Technologies, with major funding being supplied by the U. S. Department of Energy, the focus is on the program now underway at Kaplan Industries.

And what a potential it could have. Plans call for a goal of developing, over the next couple of years, the technology of anaerobic fermentation for conversion of biomass as an economically viable energy source. The system will process the residue from 10,000 head of cattle and produce enough methane to provide nearly all of the fuel energy required for the on-site meat packing facility. Additionally, it will provide a protein-rich cattle feed ingredient.

Of great significance, too, is the potential to produce a fuel gas for "close coupled" use (such as firing boilers) for as little as $2.50 per million Btu without any credit from byproducts or coproducts. And the price would be economically competitive with commercially available fuel.

From here it looks like a move in the right direction. We would hope the two-year program will prove the commercial feasibility of the process. With vision, it could be the day will come when this country will not have to keep on receiving the oil shaft from the OPEC countries. They tend to overlook American "knowhow and can do."

Legislative reception—a good thing

The Florida Cattlemen's Association and Dairy Farmers, Inc., joined together in January and hosted a reception for the legislators in Tallahassee. With many new faces on the scene this was a timely move and a good way to become acquainted. Around 75 percent of the Representatives and over 50 percent of the Senators were in attendance, along with others in state government and industry.

A good idea to make this an annual affair.
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