MARCH 1981

AND LIVESTOCK JOURNAL

38th annual Brahman edition
Nutrena’s looking for bashful breeders.

We can help you prevent this problem.
Poor cow condition now, can mean bashful breeding after next calving season.
Poor condition also reduces the cow’s ability to develop and drop a strong, healthy calf.
So the feeding decisions you make now are critical. We can help you improve herd performance.

Nutrena research developed Pasture 20 — (Winter) to meet the needs of Florida cattlemen. This product has been conveniently designed to be self fed or hand fed. Call your nearest Nutrena dealer to get all the details on this problem solving product.

We want to earn your feed business.

Nutrena Feed Division
4014 40th Street, Tampa, Florida 33601 (813) 626-5171
FCAA LEGISLATIVE REPRESENTATIVE L. M. "BUDDY" BLAIN is already at work observing the situation in Tallahassee and elsewhere as he prepares to monitor the trends as they affect the cattle industry.

Several briefs have been sent out from his office thus far which are important items appear to be the proposed 1981 legislation on a "Florida Fish & Wildlife Coordination Act" along with an expected study on land use in Florida with its constant loss of agriculture properties to urbanization; also, the "Aggie-Bond" concept whereby low interest loans may be available to assist farmers and ranchers. These and others will be focused on during committee sessions and when the general session gets underway in Tallahassee. Buddy Blain will keep us informed and we will be getting the word out to the membership just as rapidly as is possible.

FCA PRESIDENT W. G. "Kayo" Welles headed up a strong group of around 60 FCA members and families to the annual NCA convention in Phoenix. Florida's position on several issues was heard during the committee meetings including the proposed grading system changes; in the animal health area, the import area and others. Newly elected president of NCA is J. W. (Bill) Swan of Rogerson, Idaho. President-elect is Sam Washburn, Fowler, Indiana, and first vice president is W. J. (Dub) Waldrip, Lubbock, Texas. Bill Brown, Atwater, Alabama, still represents Region II as vice president.

NEWLY APPOINTED SECRETARY OF AGRICULTURE JOHN BLOCK addressed the assembly at the NCA convention. He stressed teamwork and pledged that USDA would once more work for agricultural people. He noted that a healthy industry can continue to provide food and fiber for the nation and the world. Block cautioned that many agricultural programs and subsidies were due for drastic cuts under the new administration. During a press conference following his address, THE CATTLEMEN querryed him about the suspension of funds for private practitioners engaged in the brucellosis program in Florida. Although he was not familiar with the situation, it is felt the matter was brought to his attention in such a manner that he should recall it if the problem be raised again. Block also indicated that former NCA official Bill McMillan, nominated for Assistant Secretary for Marketing Services, may have control of the Food Safety and Quality Service, the department formerly headed by Carol Foreman. At pretime, McMillan's confirmation to the post was expected to be announced momentarily.

BEEF GRADING APPEARS TO BE IN FOR SOME CHANGES following NCA's approval to make changes in the current USDA system. The changes would allow carcasses with a lesser degree of marbling to grade Prime and Choice. It's designed to let shorter fed cattle, which are leaner and more desirable to the consuming public to grade Choice. FCA had input during the discussion in the committee session with D. S. McAtee and others on hand.
Calendar

MARCH
1-4-NEF Convention ............. Orlando
1-5-Aurora Beef Expo .......... Chicago
4-FGSA Florida Festival Sale .... Lake Buena Vista
5-7-Alabama Brangus Breeders Sale .... Cullman AL
6-7-Florida Beef Master Ass'n Meeting .... Gainesville
10-12-BAFA Directors Meeting .... Arcadia
11-13-AI-Florida Champ. Rodeo .... Arcadia
15-17-Graham Angus Open House .... Albany GA
20-Bull Hill Ranch P'Baddock Sale .... Laurens SC
20-21-FALM Annual Meeting .... Gainesville
21-Ga. Limousin Ass'n Sale ....... Tifton GA
21-23-Beefmaster Ass'n Sale ....... Lufkin TX
24-Beef Field Day ......... Tallahassee
25-Santa Gertrudis Sale ......... Union Springs AL
25-27-FCA Annual Convention ...... Tifton GA
26-28—Red Brangus Sale ......... Cameron TX
28—Continental Breeds Convention ........ Tallahassee
31-June—"Man Must Measure" Seminar ......... Orlando

APRIL
4-Bond Simmental Sale ............ Boston GA
8—Ag. Appreciation Day ......... Tallahassee
10-SE Beefmaster Ass'n Sale .... Tifton GA
15-So. Carolina Simmental Sale .... Lake City SC
18—Ga. Simmental Sale ........... Calhoun GA
24—Mississippi Brangus Sale ......... Union Springs AL
29-Santa Gertrudis Sale ......... Lawrenceburg TN

MAY
1-10-Harloff Limousin Sale ......... Bradenton
1—2—Springfield Farms Sale ......... Wharton TX
4—Angus Annual Sale ....... Smithville MO
5—Single Tree Angus Dispersal ....... Staunton VA
6-8—Beef Field Course ......... Gainesville
9—Char Char Cattle Sale ......... Winchester KY
13-15—AHF Annual Meeting ......... Scottsdale AZ
17—ABS A. I. Mgmt. School ......... Orlando
17-19—FATC Trade Show ......... Tampa
24—FCA Annual Convention ..... Marathon FL
25—26—ICB Annual Meeting ......... St. Louis MO
30—Rogers P'Choral Sale ......... Collins MS
31—Meadowood Simmental Dispersal ....... Macon GA

JUNE
1—Orkru Angus Classic .......... Diamond MO
6—Salvadoran Simmental Sale ......... Laxsey
8—Starr Valley Angus, Hollywood AR
10-12—S'Gertrudis Jr. Heifer Show ......... Jackson MS
10-12—MFA Marketing Congress ........ Minneapolis MN
12—Angus Clinic ......... St. Joseph MO
12-13—FCA Annual Convention ......... Union Springs AL
24-26—FCA Annual Convention ...... Marco Island
30—Cajun Cattle Classic ......... Lake City
30—Cajun Simmental Sale ......... Lake City

JULY
31—Man Must Measure' Seminar ......... Orlando

AUGUST
34—American Angus Futurity ......... Louisville KY
13-14—LPC Annual Meeting ......... Ft. Worth TX
26-28—Brahanen Clinic VII ......... Houston TX
29—Glover Hills Angus Sale ......... Spencer IN
29-30—Brahanen Sale ......... Houston TX
30—Beefmaster Prod. Sale ......... San Antonio TX

SEPTEMBER
5-7—LJ Bar Beefmaster Prod. Sale ......... Pleasanton TX
19—SF Beefmaster Ass'n Sale ......... Jackson MS
22—BBU Annual Convention ......... San Antonio TX

OCTOBER
10—Hidden Valley Red Angus Sale ......... Brooksville
10—Beaver Creek Beefmaster Sale ......... Franklin TN
17—Barfield Farms Beefmaster Sale ......... Immokalee

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The Cover for March 1981
Our full color cover picture for this 38th annual Brahman edition shows a newborn calf under close observation by the mama cow at A. E. Whaley's Crescent O Ranch, Kissimmee, where both Gray and Red Brahmons are raised.

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

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Formulated For Florida Feeding.

Lack of sufficient total feed (energy) is probably the most common deficiency in beef cattle feeding practice. In limited feeding on farms or overstocked ranges, low energy intake occurs. The results are reduction or cessation of growth (including skeletal growth), loss of body weight, failure to conceive, and increased mortality. Also, low feed intake often results in increased mortality from eating toxic plants and from lowered resistance to parasites and disease. Usually, underfeeding is complicated by concomitant shortages of protein and other nutrients.

United States Sugar Corporation

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CLEWISTON, FLORIDA 33440
Editor’s Desk

Reader questions placement of photo in ad

Keystone Heights

Just picked up your November (1980) issue and did a double take when I turned to page 80. Was the picture printed upside down for a reason or did someone goof.

Joe Macchia

† Mr. Macchia was one of several readers commenting on the placement of the 4-color picture. Pat Corrigan, the client, liked the photo reflection of his Hereford cattle in the water and asked that it be placed in such a way as to emphasize this point.

Physical impairment prevents subscriber from renewing

Anthony

My brother, C. L. Calhoun, asked me to write and tell you that his eyesight has failed so much he cannot read The Florida Cattleman or even enjoy the pictures so will not renew his subscription this year.

He always enjoyed it and wishes you continued success.

Florence L. Calhoun

Longtime ABS representative now retired

Louisville, Kentucky

I'm now retired after a severe heart attack. Please change the address . . . I enjoy the stories of the old group.

Wilbur B. Aikens

† Mr. Aikens represented American Breeders Service in Florida for a number of years until being transferred to the midwest. We were sorry to hear of his disability and wish him well in the future.

Brahman association names communications director

Cecilia (Ce) Cowart of Katy, Texas, has joined the staff of the American Brahman Breeders Association as the director of communications, according

KANAPAHA BEEF-MASTERS

Coming in the 1980's

We are upgrading with 18 Lasater Beefmaster Bulls.

We have 10 more Lasater Ranch Beefmaster Bulls contracted for delivery in 1981.

We have Lasater Ranch Beefmaster Bull power in Florida for the 1980's.

The 6 Essentials

- Disposition
- Fertility
- Weight
- Conformation
- Hardiness
- Milk Production

KANAPAHA BEEFMASTERS

Ranch Location, W. of I-75, Gainesville, FL
Office P.O. Box 479, Jacksonville, FL
Ph: 904/354-5052
Mr. & Mrs. Lewis S. Lee
Member, Foundation Beefmaster Ass'n.

Commercial Slaughter and Average Weight (USDA)...

<table>
<thead>
<tr>
<th></th>
<th>Cattle</th>
<th>Calves</th>
<th>Swine</th>
<th>Sheep</th>
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<td></td>
<td>M Head</td>
<td>M Head</td>
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<tr>
<td>Dec. 1980 (Fla.)</td>
<td>24.7</td>
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<td>Dec. 1979 (U.S.)</td>
<td>2652.8</td>
<td>1078</td>
<td>216.2</td>
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Slaughter Under State Inspection, Head (AITC)...

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<td>4265</td>
<td>22</td>
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Brucellosis Testing (AITC)...

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<th>Reactors</th>
<th>Vaccinated</th>
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<td>Beef Cattle, January 1981</td>
<td>61,411</td>
<td>1862</td>
<td>12,301</td>
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<tr>
<td>Dairy Cattle, January 1981</td>
<td>31,567</td>
<td>154</td>
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<td>Swine, January 1981</td>
<td>68</td>
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<td>3571</td>
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Livestock Prices Per Hundred (USDA)...

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<th></th>
<th>Cattle</th>
<th>Cows</th>
<th>Strs. Hfrs.</th>
<th>Calves</th>
<th>Swine</th>
<th>Chickens</th>
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<tbody>
<tr>
<td>U.S. Jan. 15, 1981</td>
<td>$33.10</td>
<td>$44.90</td>
<td>$61.00</td>
<td>$65.70</td>
<td>$40.30</td>
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Field Crop Prices Per Bushel and Ton (USDA)...

<table>
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<tr>
<th></th>
<th>Corn (Bushel)</th>
<th>Hay, Baled (Ton)</th>
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<tr>
<td>U.S. Jan. 15, 1981</td>
<td>$3.32</td>
<td>$73.80</td>
</tr>
<tr>
<td>U.S. Jan. 15, 1980</td>
<td>$2.45</td>
<td>59.10</td>
</tr>
</tbody>
</table>
FRM'S FLY CONTROL MINERAL #2 WITH ROL TURNS YOUR CATTLE INTO EFFECTIVE FLY FIGHTERS.

FRM Fly Control Mineral #2 with ROL™ (Rabon® Oral Larvicide) lets your cattle protect and treat themselves.

NOW YOUR CATTLE CAN HELP YOU CONTROL ALL FOUR FLIES OF MAJOR ECONOMIC IMPORTANCE, WITHOUT SPECIAL HANDLING OR EQUIPMENT.

This summer, turn your cattle into tough, natural fighters against the four flies that constantly rob you of profits.

FRM Fly Control Mineral #2 with ROL™ also provides your cattle with valuable A and D vitamins in addition to the important minerals so vital to maximum growth. Start feeding your cattle FRM Fly Control Mineral #2 with ROL now, and continue throughout the fly season. You'll be giving them an effective weapon against a real profit-reducing enemy—flies—plus, the health protection of key vitamins and minerals.

FRM Fly Control Mineral #2 with ROL is retained in the manure, where it remains to kill fly larvae shortly after they hatch.

By stopping development at this vital stage, you can control fly problems before they ever start to cut into your cattle production.

And FRM Fly Control Mineral #2 with ROL will not harm your cattle. There are no adverse effects on health, weight gain, rate of gain, feed efficiency, carcass quality, or fertility.

In addition, ROL has no feedoff period in beef cattle, and is the only registered larvicide labeled for use in lactating dairy cattle.

The ROL in FRM Fly Control Mineral #2 is both highly effective and entirely compatible with the environment. Beneficial insects like dung beetles develop naturally and unharmed. Also, manure from treated animals may be used as fertilizer on crops grown for human consumption.

FRM Fly Control Mineral #2 with ROL also provides your cattle with valuable A and D vitamins in addition to the important minerals so vital to maximum growth. Start feeding your cattle FRM Fly Control Mineral #2 with ROL now, and continue throughout the fly season. You'll be giving them an effective weapon against a real profit-reducing enemy—flies—plus, the health protection of key vitamins and minerals.

See your local FRM dealer today.

FLY CONTROL MINERAL #2

Flint River Mills, Inc. Bainbridge, Georgia
The solution to your energy needs may be staring you right in the face — in your confinement building or on your slotted floor operation. You don't have to leave the farm to find the answer.

An anaerobic digester uses your farm wastes to produce methane gas for process heat or to produce electricity!

Methane production may not be the solution for every farm. We know that! So, our skilled and seasoned analytical team can provide you with a technical and economic evaluation.

Known as the firm that provides Better Than Turnkey services — if our system is the answer to your needs, we provide:

- feasibility studies and design service
- turnkey construction of the system
- incorporation of cogeneration
- system start-up and personnel training

We make sure that ours is not only the system that works, but the system that works best for you.

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Consulting Design Construction
P.O. Box 1477 • Bartow, FL 33830
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Drawer 1403
Kissimmee, Florida 32741

Please get me information on the material below. (Check more than one box if you wish.)

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- 108. "Stress Chow"
- 109. Ear Tags
- 110. Vermeer System
- 111. Silo Guard
- 112. AGI Firm
- 113. Weedhopper

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Phone ______________________________________
City ________________________________________
State _______ ZIP ___________________________

Offer good until June 1, 1981.

Pasture Grove
Fertilizer Division
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P.O. Box 97, 904-567-5622, Dade City, Fl. 33525
WE STRIVE FOR REPEAT CUSTOMERS

to Wendell Schronk, executive secretary for the Houston, Texas, board association.

Ce, 24, is a 1979 graduate of Texas A & M University where she received her B.S. in agriculture journalism. While at Texas A & M, she served as the assistant to the communications department print editor for the Texas Agricultural Extension Service.

A native of East Texas, she grew up on a small dairy and commercial ranch in Rusk. Ce has exhibited show steers and competed in Texas youth and college rodeos.

She will be responsible for the association's information and public relations program. She comes to the association with practical experience in writing gained from working for the Texas A & M campus paper, The Battalion, as well as daily and weekly newspapers. She will reside in Houston.

Ford markets 'special' line of farm tractors
Five "Blue Power Special" farm tractors with improved, more powerful four-cylinder diesel engines are being introduced by Ford Motor Company's Tractor and Implement Operations—North America.

"Blue Power Special" versions of Ford models 7600-7700, 6600-6700 and 5600 feature new engines with displacement increases up to 10 percent, and higher horsepower ratings than their predecessors.

Mechanical front-wheel drive is available as an option on all five tractors.

"Blue Power Specials are the result of a massive 'pull ahead' program which
El Dorado Hereford Farm
Deep South Horned Herefords

We now have lots of the very highest quality herd bulls that are real herd improvers for the commercial cattleman and registered herds.

1. Adaptability. Acclimated to our deep south for over 20 years. Sleek coats, early hair shedding.
2. Fertility. Geneticists tell us this is 5 or 6 times as important as rate of gain.
3. Semen. Mr. Don Schlesier, Box 26088, Jacksonville, Florida 32218. Phone 904/757-1533. Don has been collecting semen and semen testing for over 20 years. He has a reputation for absolute honesty. Last year, when he started collecting and freezing semen for us, after collecting from our first bull, he started shouting for me. When I walked over to his portable lab, he told me that it was some of the best semen by far he had ever seen and he was very much excited as to how the cattle were bred.
5. Longevity. Our main herd bulls are 12-14 years old. Our brood cows 10 to 18 years old. Colorado Princess 255M had 17 calves in 18 years. Donna Agnes 82 had 15 calves in 16 years.
7. All our cow families must produce both top bull and heifer calves.

The last thing I mention here is our free gift to you at no extra cost—that is Feed Efficiency. We have worked on this for 20 years. This is very important to everyone in the cattle business at the present high prices of feed.

Visitors are always welcome.
Please call in advance so we can best serve.

EL DORADO HEREFORD FARM

Same location since 1940
5 miles south of Dade City on U.S. Highway 301
Lorin C. and Gladys J. Anderson
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Telephone 904/567-3413
SOLID DRIVE
Linkage connects and coordinates both sides of yoke, Eliminates Chains, Cables, or Sprockets.

SPRING-LOADED, SELF-LOCKING LATCH
Operator is in full control regardless of weather conditions or pressure.

LATCH RELEASE ARMS
GATE PIVOT CONTROL HANDLE
SPRING-LOADED YOKE
OPTIONAL NOSE GUARD
RUGGED, NON-SKID PLATFORM
GREASE ZERTS
At yoke pivot points.

TUBE DRAIN
On bottom of uprights. Prevents freeze up.

PREDRILLED FOR ATTACHING TO YOUR CHUTE OR ALLEY.

---

“BLUE POWER SPECIAL” tractors with improved four-cylinder diesel engines are on the market from Ford Tractor Operations.

brought them to market nearly a year ahead of our original target date,” said H. J. Head, general operations manager. “It proved a gigantic task, but our engineering and manufacturing people pulled out all the stops to make it happen, and now we are able to offer improved tractors to our customers much earlier than we had expected.”

The 7600-7700 and 6600-6700 “Blue Power” tractors are available with 268-CID engines unique to each tractor. The bore/stroke relationship for both engines has been changed from 4.4 x 4.2 to a square 4.4 x 4.4 for added displacement. All feature a new, larger crank-

---

Super-Mol Products
- Dried Molasses*
- Dried Distillers Molasses Solubles (Super-Ferm)
- Protein Blocks*
- Livestock Minerals*
- Hi-Mag Blocks (aids in preventing grass tetany)
- Other Blocks

*Available under private label.

Tampa Salt Distributors
- Salt for all agricultural needs, bulk/bag
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- Bicarbonate of Soda
- Urea
- Trace Minerals
- Vitamins
- Other Agricultural items

HUGO DIVISION
Processed Minerals, Inc.

Super-Mol Products
Toll Free: 800/282-9149
813/677-9181

P.O. Box 1478
Gibsonton, FL 33534

Tampa Salt Distributors
813/677-8477
**SUGGESTED PLANTING RATES**

<table>
<thead>
<tr>
<th>USE</th>
<th>POUNDS PER ACRE</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRAZING Plant</td>
<td>10-15 lb/A in 36-40&quot; row</td>
</tr>
<tr>
<td></td>
<td>15-25 lb/A in 20-24&quot; row</td>
</tr>
<tr>
<td>HAY Plant</td>
<td>30-50 lb/A Broadcast</td>
</tr>
<tr>
<td></td>
<td>20-25 lb/A in 36-40&quot; row</td>
</tr>
<tr>
<td>GREEN Plant</td>
<td>35-50 lb/A Broadcast</td>
</tr>
<tr>
<td>CHOP Plant</td>
<td>20-25 lb/A in 36-40&quot; row</td>
</tr>
<tr>
<td>COVER Plant</td>
<td>15-20 lb/A in 36-40&quot; row</td>
</tr>
<tr>
<td>CROP</td>
<td>20-40 lb/A Broadcast</td>
</tr>
</tbody>
</table>

Plant in March through July.

**UNIVERSITY TESTS CONFIRM . . .**

**GATOR GRAZER IS OUTSTANDING HYBRID!**

A new sorghum hybrid developed for high yields of nutritious, highly palatable forage. The sweet, juicy, succulent, leafy plants of Gator Grazer are relished by cattle for grazing, green chop, or high quality hay.

The University of Florida Yield Tests show **GATOR GRAZER** to be an outstanding hybrid. Gator Grazer is high in protein and total digestible nutrients. Highest quality forage is achieved when plants are cut or grazed from 4 feet to the boot stage. During this period, utilization by livestock is also best.

Excellent seedling vigor gets Gator Grazer off to a fast start. After grazing or cutting, the hybrid regrows quickly. Because regrowth is very fast, it is suggested that a hay conditioner be used to speed the curing process when the hybrid is used for hay.

Higher planting rates under adequate moisture and fertility insure fine, leaf stems. After cutting or grazing, additional application of nitrogen speeds regrowth and aids in maintaining protein levels. Maximum performance is obtained when a balanced fertilizer program is used.

A good management practice is that of dividing a field into several smaller pastures by cross-fencing, stagger the planting of each, and rotate livestock to new growth as a pasture is grazed down. This practice will insure season-long grazing and better utilization of the forage produced.

Also excellent for use as a Cover Crop or Soil Builder.

---

**Florida Seed & Feed Company**

See Your Local Florida Seed & Feed Company Dealer or Write for the Name of Your Nearest Dealer.

P.O. BOX 1120 OCALA, FLORIDA 32670 (904) 732-4211
Admit it, you'd like to own one but wonder if you'd be able to pay for it.

But have you ever wondered if you're paying for a Harvestore system and still don't have one? Paying for it with the high cost of protein...and storage losses...and sweat and strain...and poor results when you are forced to feed rain-damaged crops.

Maybe you're paying for a Harvestore system without owning one. Find out. Start by filling out the coupon below and mailing it to us.

I'm ready. Please send me additional information about Harvestore storage systems and feeding equipment.
To: Georgia-Florida Harvestore, Inc.
Tobacco Road, Attapulgus, GA 31715
Name ____________________________
Address __________________________
Town ____________________________ County __________________________
State ____________________________ Zip ______________ Phone (_____) __________ Area Code __________ Number __________
Acres farmed (Number) Dairy (Number) Hogs (Number) Beef (Number)

Georgia-Florida Harvestore, Inc.
Tobacco Road
Attapulgus, Georgia 31715
AC (912) 465-3987

Work needed to maximize corn yields

Corn yields have increased rather steadily over the years, according to Wayne Fowler, of DeKalb Research, Inc., DeKalb, Illinois. From 1900 to 1980, the U.S. increase averages .8 bushels per acre per year. If you use 1979 instead of 1980, the upward yield trend is one bushel per acre per year. And, when hybrid corn first dominated U.S. acreage around 1940, the annual increase is more than 1.5 bushels per acre per year.

The lowest average yield since 1900 took place in 1934, when the crop only yielded 15.7 bushels per acre. The highest occurred in 1979, when U.S. corn growers produced 109.4 bushels per acre. It appears the national average will be between 90 and 91 bushels per acre for 1980.

Several individual reports of corn harvests exceeding 300 bushels per acre have been recorded. The top authenticated yield currently stands at 352 bushels per acre, set when Roy Lynn, Jr. of Schoolcraft, Michigan, harvested that yield from a measured acre in 1977.

If you ask plant scientists what the theoretic maximum corn yield is, you'll get a range of answers that depend on...
THE SUGAR FAMILY

SUGARLAND RANCH PRIDES ITSELF IN ESTABLISHING NAMES

... that have become institutions in the Brahman breed. Why?

Because the prepotency, genetic consistency and performance instilled in the breeding of Sugarland's Brahmans have proven themselves in the U.S. and throughout the tropical world.

Invest in Sugarland's superior meat type Brahmans and maximize your genetic return.

SUGARLAND RANCH

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Quality selection of bulls and females available year round
assumptions made. Some place the figure at over 1000 bushels per acre. Another school of thought places the maximum at 830 bushels per acre. A recent thoughtful paper suggests that 490 bushels per acre is a practical maximum for the central U.S. corn belt.

There's a huge difference between what the average U.S. farmer is harvesting and the suggested maximum. Using 1980 production, there's a 400 bushel-per-acre difference. Dr. R. E. Wagner of the Potash/Phosphate Institute says this difference is the world's greatest resource. Certainly this latent 400 bushel-per-acre cushion is comforting.

Even the top realized yields fall at least 150 bushels short of the maximum. Everyone has a lot to learn in attempting to tap this valuable food resource.

Experts suggest that world food production must increase by 60 percent in order to feed the projected population in the year 2000. That's only 20 years from now, and even the encouraging upward corn yield trend is not enough to do the job.

Today's hybrids have already demonstrated that corn yields of over 300 bushels per acre can be achieved. Thanks to plant breeding advances, genetics aren't the limiting factor.

Today's technology is unable to prescribe how to consistently produce 200-bushel yields. Here is where research and experimentation must apply tremendous pressure. Farmers can do a great deal to lift the nation's average yield by adopting better fertilizer practices, better pest control, higher populations and more timely operations. Those farmers presently doubling the average production for their state or community are already using these techniques effectively.

In recent years, several university and agribusiness groups have started working with individual top farmers to learn how to produce field-scale 300-bushel corn yields with some consistency. That's a much needed activity. In addition, everyone concerned with eating needs to provide strong support to both public and private research efforts aimed at unlocking more of the secrets of crop production. Time will tell all people involved in agriculture if they were successful.

Medium-sized tractors introduced by M-F

To meet the increasing demand for a medium-sized, four-wheel-drive tractor that can handle heavy, wet-soil conditions, Massey-Ferguson is introducing the MF 154-4 farm tractor. This latest addition to MF's tractor line is rated at an estimated 42 PTO horsepower.

It's major advantage over two-wheel-drive tractors is greater drawbar pull, beneficial when handling wide implements at lower speeds on rough ground and in heavy, tough soils, company spokesmen say.

This tractor's other four-wheel-drive...
THERE'S the average of 28 pasture trials with TBZ: 0.12 extra pounds per head per day, compared to unwormed cattle—12 pounds in 100 days!

Some were done at experiment stations but most were done on working ranches like yours. So you can be sure the average extra gain from TBZ wasn't just luck. (The value of this gain was $7.20 extra per head in 100 days, at today's prices. *)

1,658 head of cattle in 28 trials, on working ranches. Now those are trials you can believe in! When you're shown trial results from any product used in cattle ask, "How many cattle? How many trials? In how many places?"

MSD AGVET, Division of Merck & Co., Inc., PO Box 2000, Rahway, NJ 07065

TBZ (thiabendazole) is a registered trademark of Merck & Co., Inc.

**SUMMARY OF 28 TRIALS** in pasture cattle with TBZ cattle wormer

<table>
<thead>
<tr>
<th></th>
<th>Number of cattle</th>
<th>Average Initial Weight</th>
<th>Average Final Weight</th>
<th>Average Gain (lb)</th>
<th>Average Daily Gain</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CONTROLS</strong> (UNWORMED CATTLE)</td>
<td>774</td>
<td>477</td>
<td>585</td>
<td>108</td>
<td>.88 lb</td>
</tr>
<tr>
<td><strong>CATTLE WORMED WITH TBZ</strong></td>
<td>884</td>
<td>472</td>
<td>595</td>
<td>123</td>
<td>1.00 lb</td>
</tr>
</tbody>
</table>

ADVANTAGE, TBZ over controls .12 lb

VALUE OF EXTRA GAIN (100 days) $7.20

*Based on $0.60 per lb, conservative at today's prices. **Trials were conducted in Arkansas, California, Colorado, Florida, Georgia, Iowa, Minnesota, Mississippi, Missouri, Nebraska, Oklahoma, Tennessee and Texas.
Did you know that one ELECTRA POWERHOUSE Electric fence charger can control all the fences on a 2000 ACRE RANCH.

Florida and Australia have similar weather conditions: very dry and sometimes very wet. The Electra Powerhouse has been especially developed to cope with Australia's very big ranches to cut fencing costs and provide complete control not available from any other fencing system.

ELECTRA voltmeter

The Electra Volt meter reads up to 6000 volts and gives you complete technical control of your Electric fencing system.

ELECTRA Stand off will beef up your fencing. Clips on to any two wires in an existing fence and puts the electrified wire where it should be, 12" out from the fence line. Made of galvanised heavy gauge spring steel with Pinloc insulator.

ELECTRA Nail-On Insulator for all wood posts.

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Maynard Osborne 305/434-5065

advantages include reduced wheel slippage, more stability, improved flotation, reduced rolling resistance, and better maneuverability on poor surfaces. Power, weight and tractive effort are distributed more evenly over the four wheels.

Designed and engineered for farming areas where unfavorable traction is a major limiting factor, the MF 154-4 will be used extensively for plowing, disking, planting, and for operating spreaders, balers, mowers and farm loaders.

This tractor is powered by a Perkins three-cylinder 152-cubic-inch direct-injection diesel engine. Power is transmitted through an 11-inch dual dry plate clutch to a synchromesh transmission which provides 12 speeds forward and four in reverse.

A mechanically operated independent 540-rpm power take-off is standard. Both engine speed and ground speed PTO are available. A second PTO shaft above the normal shaft provides direct drive from the engine for operating hydraulic pumps and similar equipment.

Hydrostatic power steering with independent pump and circuit is also standard. Other features include a forward-hinged hood for easy maintenance access to the air cleaner, battery and fan belt; headlights built into the front grill; spring suspension seat; and a fully instrumented dashboard.

Schronk reelected to breeds council post

Wendell Schronk, executive secretary of the American Brahman Breeders Association, Houston, Texas, has been reelected as president of the U.S. Beef Breeds Council.

C. K. Allen, executive vice-president of the American Angus Association, was also reelected to the position of vice-president and secretary of the council.

Thirteen U.S. beef breeds are affiliated with the council, which collectively represents 260,000 seedstock producers who register more than a million purebred beef cattle yearly.

The group met December 1 at the Cosmopolitan Hotel in Denver, Colorado, during the National Cattlemen's Association Purebred Industry
Because no other payoff* comes close.

The Payoff: *Tramisol* levamisole is effective against all 9 major cattle worms, including stomach, intestinal and lungworms. A single treatment level controls all degrees of infection. Compatible with other standard management practices.

Payoff...that's why any smart cattleman deworms. And more cattlemen deworm with Tramisol than any other product. Simply because it pays off better. Only Tramisol gets every major cattle worm with a single treatment. And when you get all the worms, you also get faster-growing animals with more added value at market time. A 3-year published study proves it.**

So treat your calves with Tramisol just after weaning. And treat yourself to the Tramisol Payoff. *Tramisol*. It pays off better because it works better.

**A complete summary will be mailed on request.
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They Look Right ... They Work Right

Leg sections are continuous welded and assembled with precision jigs at the factory. Grainlift goes up fast, looks right, and works at whatever capacity you need from 800 to 8000 BPH.

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The Florida International Agricultural Trade Council

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May 14 & 15, 1981
Florida State Fairgrounds, Tampa, Florida

Co-sponsored by the Florida Department of Agriculture and Consumer Services
Doyle Conner, Commissioner
Write: FIATC, Room 430, Mayo Building, Tallahassee, Florida 32301


108—Purina announces ration for pigs under stress conditions

Hog producers concerned with stress-related setbacks in baby pigs and newly shipped feeders now have the option of feeding a new ration from Ralston Purina Company, St. Louis, Missouri, formulated nutritionally for pigs subjected to adverse weather or transportation.

 Appropriately named "Stress Chow," the nutritional formulation of this complete 17 percent protein ration helps farmers compensate for below-normal consumption by providing a strong concentration of amino acids, vitamins and minerals in the highly palatable Ett form, according to Dr.
CATTLEMEN'S CHOICE

SORGHUM-SUDANGRASS HYBRID

Cattleman's Choice is a Sorghum-Sudangrass Hybrid selected as the ideal spring and summer-planted multi-purpose forage crop.

Natural genetic hybrid vigor plus the sweet juicy, succulent, leafy plants offer luscious palatability for grazing, green chop, and high quality hay.

Cattleman's Choice grows to a height of 8-10 feet under favorable conditions when not clipped or grazed. Cattleman's Choice has excellent drought survival and remarkable regrowth ability.

Plants have high leaf to stem ratio. Excellent tonnage yields, high feed value, and fast regrowth offer the grower maximum TDN per acre. For most digestive and high energy feed, utilize the crop from two feet to the bloom stage.

Under favorable conditions, Cattleman's Choice often will produce up to four hay crops per growing season. Because of the fast regrowth, conditioning the hay crop speeds curing and facilitates baling. When cut or grazed, six inches of stubble should be left to facilitate quick regrowth.

Cattleman's Choice has been proven in Florida farmer, rancher, dairy-conducted field and grazing trials and has proved its adaptability under a wide range of conditions.

FOR

POUNDS PER ACRE

GRAZING

Plant—10 to 15 in 36 to 40 inch rows
15 to 25 in 20 to 24 inch rows
25 to 40 BROADCAST

HAY CROP

Plant—20 to 25 in 36 to 40 inch rows
25 to 30 in 20 to 24 inch rows
30 to 50 BROADCAST

GREEN CHOP

Plant—20 to 25 in 36 to 40 inch rows
25 to 30 in 20 to 24 inch rows
30 to 40 BROADCAST

COVER CROP

Plant—15 to 20 in 36 to 40 inch rows
20 to 40 BROADCAST

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In a progeny test of two Santa Gertrudis bulls, it was estimated that the calves of #507 (average daily gain on test: 4.11 lbs.) could return a total of $4,046 more over four years than those of #506 (ADG: 2.57 lbs.). Sold as yearlings, the calves could return $7,723 more.

In the next generation, the offspring of 507's replacement daughters weaned 28 pounds heavier than those of 506. At 70¢/pound, that's another $19.60 per cow per year return.

Generation to generation. Performance keeps on performing.

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Prevention. Killing flies before they're flies is one of the most effective ways to reduce populations of Horn Flies, Face Flies, House Flies and Stable Flies. And turn fly losses into production gains.

And that's what Rabon Oral Larvicide is all about. It kills fly maggots. That's why it should be the basis of your fly control program.

Feed Rabon Oral Larvicide to beef cattle or dairy cattle (including lactating dairy cows) in block, loose mineral or premix formulations.

Rabon Oral Larvicide passes through the animal's digestive system and prevents the development of the four major profit-robbing fly species in the manure of treated cattle. And there are no residue problems or withdrawal periods.

Start feeding Rabon Oral Larvicide early before fly season begins. And keep feeding it throughout the season.

Make Rabon Oral Larvicide the key to your fly control program this season, along with good sanitation, manure management and supplemental fly control measures.

Rabon Oral Larvicide. Ask your feed supplier about it.

Diamond Shamrock
Animal Health Division
1100 Superior Avenue,
Cleveland, Ohio 44114

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✈ Fly larvae magnified approximately 17 times.
For 400-pound calves?

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Synovex implants outperform other implants to give you more beef for your money in a shorter period of time. Pure and simple.

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for grow power!

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ACA tells your story to the people who have the votes to decide your future. The housewife in Brooklyn. The factory worker in Detroit. The stockbroker in San Francisco. And to their elected representatives in Washington.

ACA communicates your message to the urban consumer through mass media and reaches urban decision-makers one-on-one. Through programs like EXPORT EDUCATION

"America’s Gold is Grain!" Message reaches big city consumers through television commercials prepared by ACA. Scale of Trade dramatizes farm export expansion leading the way to balancing nation’s trade by 1985.

"WASHINGTON*ON*THE*LINE"

The FOOD GLOBE! A dramatic symbol of U.S. supremacy in food production. Display model shown above developed by ACA to compare food performance of major nations around the world. Exhibit tours large cities. Shown on TV. Pocket-size globes are distributed by ACA members to urban media to show America is still the "World Superpower of Food."

Live discussion between farm groups meeting anywhere in U.S. and key decision-makers in Washington offers first-hand exchange of information.

Washington * On * The * Line photos show Sen. Cochran (R-Miss.) linked to meeting of equipment dealers.

All these ACA efforts are designed to put your message across where the votes are. That is the biggest challenge agriculture faces in the 1980s. Make your voice count as a member of ACA.

YES! I support ACA and want to do my part to get my story across to the people who will decide my future!

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THE FLORIDA CATTLEMAN / MARCH 1981 / 23
Our 4WD tractors were tested against the others.

The big tractor tests are over. And Steiger showed the others just how good four-wheel drive tractors can really be in three important categories — Most work per gallon of fuel, best percentage drawbar horsepower and Quietest cab.

So when you decide on a new four-wheel drive tractor, make sure you get the best — Steiger. Stop by anytime and we will fill you in on the details.

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ABS offers new beef directory for cattlemen
To assist cattlemen in selecting their herd sires for 1981, American Breeders Service has just published a new 40-page, full color beef sire directory.

“The directory features over 70 leading beef bulls from 17 different breeds with more performance information on calving ease, growth rate and maternal traits than ever before,” says Tom Price, ABS beef product manager.
Take these troublemakers out of your pasture scene...

with Weedmaster® herbicide.

Weedmaster controls costly pasture troublemakers—thistles, dogfennel—plus over 125 other label-listed weeds including annuals, biennials, perennials and woody species. Weedmaster helps turn rough, weedy ground into a pasture you can be proud of.

With troublemaking broadleaf weeds out of the way, forage has a fighting chance to show what it's worth. And with improved grass quality and quantity, you can get better beef production...faster gains at less cost...greater profits, too.

There's no place in your pasture for troublemakers. Take 'em out with Weedmaster herbicide, the convenient premix of Banvel® herbicide and 2,4-D. Or, if you prefer, tank-mix Banvel with your present 2,4-D program. Consult your ag chem supplier or extension agent for specific recommendations.

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We're America's farmer-owned, farmer-controlled cooperative lending institutions. We make short and long term loans to farmers and their farm supply and marketing cooperatives for many purposes to help make their operations more profitable, including replacements, AI service, farm buildings, additional land—and other financing needs of cattlemen and their cooperatives.

Call or come by today and talk to the people who speak your language.

We speak your language.

Bank for Cooperatives | Production Credit Association | Federal Land Bank Association | Farm Credit Service

CONTINUOUS protection from flies and ticks for up to five months is given by Diamond Shamrock's Ectrin ear tags.

"In addition, we've added several new 'specialty' bulls to meet the growing needs of cattlemen who want to produce show-winning club calves."

Some of ABS' leading herd sires for 1981 include bulls like: Linebacker of Wye, one of the top growth bulls in the Angus breed; Gibraltar, sire of over 25 national show champions; C&B Western, Simmental's Number 1 bull for retail cuts per day of age; Special Edition, a leading Pollled Hereford performance bull with show-winning style; and Chief, the top performing bull in the Red Angus sire evaluation program.

Cattlemen interested in breeding either all or part of their beef herd artificially can get a free copy of ABS' 1981 Beef Directory from their local ABS representative. Or contact American Breeders Service, DeForest, Wisconsin 53532.

109—Diamond Shamrock announces newly developed cattle ear tags

The Animal Health Division of Diamond Shamrock Corporation, Cleveland, Ohio, has announced the availability of its new Ectrin Insecticide Cattle Ear Tags.

Diamond Shamrock's Ectrin Ear Tags, which weigh only 10 grams apiece, control horn flies, face flies, Gulf Coast ticks, and spinose ear ticks for up to five months on lactating dairy cattle, beef cattle, and calves.

The ear tags are insecticide impregnated plastic tags which are easily attached to the ears of cattle through the use of the Allflex Tagging System. Diamond Shamrock's new insecticide is from the isovalerate class of compounds.

Once the tags are attached, the insecticide begins working immediately, providing continuous protection from flies and ticks for up to five months, company spokesmen say.

The insecticide is slowly released from the tags and deposited on the animal's body each time it turns to lick itself.

Because bothersome insects are con-
trolled through the use of Ectrin Ear Tags, animal stress is reduced, resulting in increased weight gain or added milk production.

Although the insecticide is lethal to insects, Ectrin has no adverse effect on cattle and there are no withdrawal requirements, it was pointed out.

Extensive field trials under the supervision of university and extension service personnel were done on the new Ectrin Ear Tags.

Field trials on approximately 10,000 head of cattle were conducted in 22 states including Florida. Trials indicate that maximum fly and tick control is achieved when two tags are applied to each animal—one per ear.

Diamond Shamrock's ear tags should be used as part of a total insect control program which includes an oral larvicide feeding program for the elimination of fly larvae in manure.

Diamond Shamrock in a Dallas-based energy and chemicals company with major office, research or production facilities in 18 states and in 30 other countries around the world.

The Ectrin Insecticide Cattle Ear Tags are now available from most animal health suppliers.

For additional information, check number 109 and return the form on page 8.

Document available for horseman on products, services

A major step has been taken to provide the horseman with a single document containing concise information relative to products and services of the horse industry. The 1981 National Horse Services Director, published by the Horse Sense Group, is now available for purchase.

The Directory, the first of its kind anywhere, is a handy 8 1/2 x 5 1/2 size with spiral binding featuring in one place many new and interesting products along with the names and addresses of many businesses, publications and organizations that make this book a valuable and necessary guide to all horsemen whether looking for information, a particular product or a better bargain. The book offers larger type, easy-to-find indexing and more detail per listing than any other directory in the country, the firm says.

Retailing for $5.00, the book is available from your local dealer (if you don't find it there, have him contact the publishers) or directly from: Horse Sense, P.O. Box 128, South Lyon, Michigan 48178.

Send check or money order including $1.50 for postage and handling. Quantity discounts to groups and retailers are also available. Write for information.

110—Vermeer offers mobile irrigation system

A low-cost, highly mobile irrigation system that delivers an inch of "rain" at a rate of up to 20 acres per day has just
Fenton's Fiberglass Liquid Feeders

Backed by 38 years of Fenton Quality

Pictured is the 350 gal. model. Also available in 250 gal. model. Both come with four lick-wheels.

- Reinforced with a steel brace for maneuverability.
- Wheel brackets remove from top for easy maintenance.
- Lick-wheels can be placed vertically or horizontally.

- Field tested by selected Florida cattlemen for one year.
- Fully assembled.
- Free delivery on volume orders.

Fenton's Fiberglass Liquid Feeders

VERMEER'S SR-1000 Traveler is a simple, easy-to-operate, two unit irrigation system, according to the company.

recently been introduced by Vermeer Manufacturing Company, Pella, Iowa.

The new Vermeer SR-1000 Traveler is a simple, easy-to-operate, two unit irrigation system, featuring just winch and sprinkler/trailer assemblies, spokesmen say.

With the winch assembly at one end and the sprinkler/trailer at the other, the system automatically irrigates up to nine acres of crops in one setting. By using the irrigation hose and hose reel as the winching mechanism, the SR-1000 delivers up to 450 gallons of water per minute to the sprinkler head. At the same time, it pulls the sprinkler/trailer assembly through the field and eliminates crop damage caused by loops in irrigation hose. The SR-1000 uses a Wisconsin S-14D gas engine to turn the reel. Reel capacity is 1200 feet (1000 ft. optional).

For more information check number 110 and return the form on page 8.

Swift to offer meat line to institutions

A line of guaranteed tender beef and pork will be offered restaurant operators by Swift Independent Packing Company, it was announced today by Joseph B. O'Bryant, vice president marketing for SIPCO, the Chicago-based meat packer.

The cuts, to be marketed under the new "Chef's Assurance" brand, will be available to institutional customers through SIPCO's nationwide network of sales and distribution centers.

"The products were developed to meet the restaurant trades need for consistency in quality and tenderness," O'Bryant said.

Steers selected for the Chef's Assurance line will be tendered with a natural food protein prior to slaughter. Chef's Assurance pork will be tendered after dressing with a natural food protein.

Guaranteed tender beef cuts will be boneless strip loins, rib eye and top sirloin butts. The beef will be vacuum packed six pieces per box, or portion cut to custom specification in ten pound boxes.

Both the beef and pork products will be produced at a SIPCO plant in
Dumas, Texas, near Amarillo. Sales, distribution and customer service to restaurants will be handled through its network of 76 sales and distribution centers.

The firm processes beef, pork, lamb and broilers. Approximately 20 percent of its $2 billion in annual revenues represents sales to institutions, making the company one of the largest suppliers of red meat to the food service market, spokesmen said.

111—Treated silage improves heifer gain

Dairy heifers fed mixed (mostly grass) silage treated with an aid to fermentation product, gained 8.5 percent faster than heifers fed untreated silage, according to University of Maine researchers. What the researchers found was that heifers fed silage treated with Silo Guard, the aid to fermentation product, gained .15 pounds more per day on 3.14 pounds less dry matter than the control-fed heifers (fed the untreated silage).

When converted to a feed-gain ratio, the advantage for the treated silage was 32.6 percent. The treated silage, the researchers noted, also showed a greater level of desirable acid content, and they observed a greener color which indicated less heating during the fermentation process.

Twenty-four Holstein heifers, according to the research report, were used in the 84-day trial comparing treated and untreated grass silage. Both silages were stored in 400-ton bunker silos.

For more information on the product check number 111 and return the form on page 8.

Good fence can help boost farm profits

Farm fencing is a capital investment, just like a tractor or combine. And like those implements, fencing can become more efficient, productive and economical when purchased carefully and used properly.

The fence experts at Armco in Kansas City, Missouri, makers of Sheffield A to Z fencing products, offer some

FARM FENCING, like this Armco Cattle-Tite, is a long-term investment that should be considered carefully, the company says.
FLO-MIX LIQUID FERTILIZERS

High floatation custom application . . . Soil, leaf and water testing along with a complete consulting service . . . Florida's most experienced personnel over 100 years total experience . . . all new fluid lime and fertilizer combinations . . . feed and weed . . . complete line of injector pumps, tanks and fittings . . . call and find out why so many growers depend on us to solve their production problems, we are experts in plant nutrition . . . three convenient locations.

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Tom Lockhart 904-383-0249
(Crops and pasture)
South: Donnie Yeomans 813-983-6791
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Possible money-saving tips about the use of fencing and how it can stretch your investment dollar. The suggestions come from decades of Armco's experience in making fence and fence products.

Good fence, they say, can help boost farm profits. Rotation grazing, practical only with a good farm fence, increases your forage efficiency up to 20 percent over continuous grazing. And fenced timberland often produces three to four times more board feet than unfenced stands that suffer from foraging by wild and domestic animals.

There are other important farm management benefits with good fencing — some more difficult to measure in dollars and cents. Fencing can control straying, protect seedlings until they are established, help control animal diseases, permit orderly rotation of crops and provide control over breeding.

Once you've decided that fencing is a way to boost yields and efficiency, Armco has some helpful hints to keep in mind when buying and installing it. Remember that fencing is a long-term investment that can last 20 to 30 years and more under normal farming conditions.

Planning is essential to the process. The easiest way to start your fence planning is with an aerial photograph of your farm. A good aerial photograph shows details of present farm layout plus some indications of the lay of the land. Maps are available for most farms from the Soil Conservation Service, Agricultural Agent or from commercial aerial survey firms.

From the photograph, you can sketch where fences should be placed to best use your land for permanent pastures, hay production, woodlands or cultivated crop production.

Also know what type of fence you need. Woven fence, with at least one strand of barbed wire on top, usually is best for cattle, while hogs in confinement require a more sturdy enclosure which is best served by welded corrugated panel. Sheep should be contained only with woven fence because barbed wire can tear their fleece.

Fence posts, too, are an important consideration. Though wood posts typically provide a lower initial cost, steel ones usually are easier to install and can last up to 25 or 30 years or longer with little or no maintenance.

Wise selection of materials also can reduce maintenance costs over the long run. Thickness of protective coating on fence wire is directly related to life expectancy of the fence. Size of the wire, gage thickness, also contributes to total estimated life. When selecting staples for the job, you should keep in mind that their size and shape vary, depending on the type of wood post being used. Generally, the softer the wood, the longer the staple required. Galvanized staples last longer and are less apt to trigger rusting of the fastening wire.

Match your fence plans to your
long-range crop rotation and livestock production. The right selection of fencing material can make your farm a more efficient, and productive business, while holding down costs.

A complete line of Armco fencing products is available from Sheffield A to Z dealers in most farming areas across the country.

112—AGI announces formation of divisions in firm
Norm Hayes, managing partner of Applied Genetics International, Denver, Colorado, announced that Genetic Profiles and Standing Star Ranches are now divisions of AGI.

Genetic Profiles, formerly known as Genetic Engineering, is involved in the evaluation of beef cattle through dimensional measurements. Standing Star Ranches is an embryo operation that utilizes measured breeding in the selection, freezing and implantation of embryos.

Hayes explained that AGI would utilize the services of its two divisions to help cattlemen around the world improve the genetics of their breeding cattle. The Genetic Profiles measuring system is based on the work of Dr. Jan Bonsma of South Africa in which he determined the “functional efficiency” of thousands of beef cattle by measuring their physical dimensions. By utilizing highly advanced computer and video technology, Genetic Profiles will make the measuring technique available to cattlemen on an economical basis, spokesman said.

Standing Star Ranches utilizes the latest embryo transfer technology and the leading embryo personnel to successfully freeze embryos for implantation at their customers ranches. Standing Star will utilize breeding from all breeds, and select its genetics through careful evaluation of measuring, performance and progeny data. For more information check number 112 and return the form on page 8.

AiD Laboratories acquires Tomlyn Company
Bernard Braz, president of AiD Laboratories, Inc., located in Okeechobee, has announced the acquisition of Tomlyn Products of Van Nuys, California, Tomlyn Products markets a complete line of animal health care products throughout the U.S.

Braz said, “I feel AiD Laboratories was extremely fortunate in acquiring Tomlyn Products. The Tomlyn line will greatly enhance our AiD line and allow us to further expand our line. AiD Laboratories has followed an aggressive program of research and product development and the Tomlyn line, which meets our standards of pharmaceutical and cosmetic excellence, will do well . . .”

Tomlyn Products, formerly marketed thru Metaframe, Inc. of Elwood Park, New Jersey, will now be offered to both AiD and Tomlyn customers.
SILAGE
200 to 4000 ACRES
813/322-2014
DAY OR NIGHT

David Yancey
CUSTOM FEED CUTTING
SILO FILLING
FEED HAULING
Myakka City, FL 33551

Some of our newest equipment

"TEST and WEIGH TO MAKE BEEF CATTLE PAY"
Ask about Joining—Contact

DON'T FIGHT RUST USE

HEAVY DUTY WOOD TROUGHs
All material two-inch pressure treated pine. Available in 8'-12'-16' lengths.

CALL
FRANK WILLIAMS
Day or Night 904/528-5278 or write
Rt. 1, Box 61, Morriston FL 32668

WEEDHOPPER, a lightweight aircraft, can be flown without a pilot's license and is used increasingly on farms and ranches.

tributors through the AiD marketing system.

113—Weedhoppers proving useful to farmers, ranchers

Weedhoppers, ultralight aircraft originally designed for sport pilots, are being used for a new, practical purpose on America's farms and ranches. With their exceptional maneuverability and slow cruise speeds of 30-40 mph, they are replacing the pick-up truck and helicopter for surveillance work over range land, orchards, groves, grain fields, vegetable fields and along fence lines, spokesmen say.

Tom Gillette, a rancher and irrigation farmer in Declo, Idaho, provides a typical example of someone who bought a Weedhopper for fun—flying and found other uses for it: "We have 18 watering pivots on our farm. The Weedhopper is ideal to climb into the first thing in the morning for some slow flying over our fields so we can check the pivots to see if they are stuck, broken, or have plugged birdies. An aerial inspection requires about one-fourth the time it used to take in a pick-up and there's a whole lot less wear and tear on man and machine," Gillette, who uses a strip of field behind his barn for a runway, overflies his cattle in the winter to check on feed and fences. The Weedhopper will cover areas that become inaccessible after blizzards or heavy rains.

"Weedhoppers can be flown without a pilot's license," says John Chotia, designer of the plane and president of the Weedhopper company, located at Mogden, Utah. "The Federal Aviation Administration has exempted Weedhoppers from all licensing requirements which makes ultralight flying available to everyone."

The aircraft can be assembled with simple hand tools in 50 hours and can be flown with about the same skill and judgment it takes to drive a tractor or motorcycle. Maintenance requirements normally amount to little more than a careful preflight inspection every time the plane is flown and operating costs are under $1.50 per hour, the company reports.

For more information check number 113 and return the form on page 8.
1938: Field day provided help

J. Francis Cooper, editor, Florida Experiment Station, Gainesville, wrote in an article that the beef cattle field day held at the University of Florida provided helpful information to the state's producers. Two hundred and seven steers competed in the fourth annual Florida Fat Stock Show and Sale at Jacksonville. The Dixie County Cattlemen's Association was formed with McQueen Chaires, Oldtown, elected president.

1943: Action was urged by Osceola cowmen

The Osceola County Cattlemen's Association drew up a resolution asking for government regulations adjustment to allow beef on Florida ranges to be sold for slaughter through legitimate channels to supply the local demand within rationed quotas. Hereford breeder D. S. Wainer of Valdosta, Georgia, wrote that The Cattlemen "is doing a valuable work" and that he realized the importance of keeping his name before the public regarding advertising his registered Herefords.

1948: Flood control was sought

Cattlemen and other wanted flood control in south Florida but not if it meant seriously upsetting the water tables and natural drainage routs as was brought out at a meeting with the Army Engineers Advisory Board at a special hearing in Miami. What was believed to be the highest price ever paid for a bull sold for beef—24 cents a pound—was brought by a Braford offered by J. H. Dallas of Sarasota at the Arcadia State Livestock Market, Arcadia.

1953: Dissolution of board was suggested

The state cattlemen's association board of directors suggested dissolution of the present Live Stock Sanitary Board "if the present board couldn't work in harmony". Sun Lake Angus Ranch broke a Florida record with its sale averaging $2892. Southeastern Fat Stock manager Louis Gilbreath said the event would draw more than 400 entries to set a new record for the Ocala show.
Florida ranks high in exports of Brahmans

by JAMES R. SIMPSON
University of Florida

“In marketing of agricultural products, it is recognized that transactions between buyer and seller or agents for each must be maintained on a high ethical plane and that buyer satisfaction is fundamental to the successful conduct of this business.” From the Code of Ethical Practices in the Marketing of Products, Florida International Agricultural Trade Council, Inc.

The U.S. is placing special emphasis on expanding beef breeding cattle exports. A summary of Florida's potential, prospects and problems in this business was published in the August, 1980 issue of The Florida Cattleman. The purpose of the current article is placing Florida's Brahman breeding cattle exports in perspective with the rest of the U.S., and with Brahman transfers in general.

U.S. exports

Exports of U.S. beef breeding cattle have followed an erratic course, varying from a low of 7809 head in 1977, up to 41,999 head in 1974. Exports are correlated positively with prices—so that as cattle prices increase, exports also go up.

Three breeds, Brahman, Charolais and Hereford account for about two-thirds of all U.S. beef breeding cattle exports. The principal breed is Brahman, with about one-fourth of all exports in most years.

Data on U.S. exports of Brahman breeding cattle, a breed of particular relevance to Florida producers, is given in Table 1 for the period 1969-77. Exports reached a peak in 1974 but were at a decade-long low just two years later in 1976. About two-thirds to three-fourths of all Brahman exports went to North and Central American, and Caribbean countries through 1974. Since then the percentage has continuously declined to the point that only 18 percent of Brahman exports were to this region in 1977. South American countries, mainly Argentina, Colombia and Venezuela have become the major importers in recent years.

Florida exports

Exports of beef breeding cattle from Florida, like U.S. exports, have followed an erratic path. In 1969 a record 5510 head were exported but, in 1977, only 841 head were shipped abroad. However, because U.S. exports were at a very low point in 1977, Florida's position actually improved from having about 6-8 percent of U.S. exports up to 11 percent of all shipments abroad.

Florida has a comparative advantage in the production and export of breeds best adapted to warm climates, and this is recorded in export statistics. In most years Brahman cattle have accounted for one-third to two-thirds of all Florida breeding cattle exports. The years of low Brahman exports are compensated by shipments of crossbred cattle, most of which probably had a substantial percentage of Brahman breeding. Florida accounts for about 20-25 percent of all U.S. Brahman exports.

Table 1.—United States exports of Brahman breeding cattle

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Florida ranks high in exports of Brahmans
percent of U.S. Brahman shipments, with a range of 14 to 34 percent of the total (Table 2).

Transfers

There are about 10,000 American Brahman Breeders Association (ABBA) transfers of registered Brahman cattle annually, with nearly 12 percent of those in Florida (Table 3). Between three and four percent of U.S. transfers are to foreign ownership, while about one out of 10 Florida transfers are to non-U.S. citizens.

About two-thirds of Brahman transfers, both in Florida and the U.S., are females. Overall, the number of U.S. transfers has remained about constant in the past four years. However, the percentage of foreign transfers, both in Florida and the U.S., trended slightly downward from 1976-1979.

breeding cattle by country of destination, 1969-77

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<td>Rep. South Africa</td>
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Table 3—Transfers of Brahman Cattle, 1976-1979

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<th>Year</th>
<th>Total</th>
<th>Foreign</th>
<th>Percent as a percent of the total</th>
<th>Total</th>
<th>Foreign</th>
<th>Percent as a percent of the total</th>
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<tr>
<td>1976</td>
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<td>375</td>
<td>3.6</td>
<td>1,191</td>
<td>157</td>
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<td>1977</td>
<td>9,157</td>
<td>408</td>
<td>4.3</td>
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<td>9,458</td>
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<td>3.5</td>
<td>4,561</td>
<td>473</td>
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</tbody>
</table>

Export information

Potential exporters are encouraged to:
1) Contact the Division of Marketing, State Department of Agriculture and Consumer Services in Miami. Telephone (305) 325-3645.
2) Contact the Florida International Agricultural Trade Council. Telephone (813) 294-1529.

Table 2—Florida Brahman Exports, 1969-1977

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<tr>
<th>Year</th>
<th>Number</th>
<th>Percent of U.S. Brahman exports</th>
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<tbody>
<tr>
<td>1969</td>
<td>1,022</td>
<td>17.3</td>
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<tr>
<td>1970</td>
<td>1,271</td>
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<td>1973</td>
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THE FLORIDA CATTLEMAN / MARCH 1981 / 35
PHENOTHIAZINE REGULAR DRENCH
For Removal of Stomach Worms, Nodular Worms, Large-Mouth Bowel Worms and Hookworms in Cattle, Sheep & Goats.

Economical and Effective Worm Control in Cattle, Sheep and Goats.

FCA quarterly session set at Arcadia

The third quarterly meeting of FCA's board of directors is set to be held at Arcadia, Thursday and Friday, March 12-13. The meeting will be noted as the "homecoming" of FCA President W. G. "Kayo" Welles of Arcadia, whose term of office will expire in June.

Executive Vice President Ron Stephens, Kissimmee, announced that committee meetings will start at 3:30 p.m., on Thursday, with a social hour at 6:30 p.m., followed by a "barbecue special" prepared by local cattlemen.

The board of directors meeting will get underway at 9:00 a.m., Friday, March 13 with adjournment expected around 12:00 noon.

Sarah Childs, Lake Placid, Florida CowBelles president, reported the CowBelles would also meet during the period with committee meetings and an executive session.

The Animal Industry Technical Council will have its quarterly meeting beginning at approximately 1:30 p.m., on Friday. Discussing the current state brucellosis program will be Dr. Paul Becton, chief of the national program to eradicate the disease.

Stephens said all meetings would be held at the Arcadia Country Club located on Brownsville Road.

Kelly named to LMA directorship

Pat Kelly, Arcadia, was named director for Region 6 of the Livestock Marketing Association, the Kansas City, Missouri, based international marketing trade organization.

The occasion was the annual meeting of the trade group at Hilton Head, South Carolina, last January. There are a total of nine directors from the various regions of the U.S. and Canada, representing the livestock marketing sector.

President is Lemmy Wilson, Newport, Tennessee, and second vice president is John E. Hawkins, Monticello.

Hendry names officers for 1981

Officers and directors for the Hendry County Cattlemen's Association were elected for the new year. Named to the presidency was Charles W. Ward, Jr., Clewiston.

Vice president is Bobby McDaniel, Jr., and secretary-treasurer is James Fielder, both of Clewiston.

State director is Gene Felton of LaBelle.

Local directors, all from Clewiston, are: Herb Harbin; B. F. Paige; John Stitt; Joe Marlin Hilliard, and Wilson Ward Sr.
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FCA PRESIDENT W. G. "Kayo" and Mrs. Welles hosted the Florida breakfast during the NCA convention in Phoenix.

FCA leaders attend NCA convention

Around 60 FCA members and committeemen along with FCA's president W. G. "Kayo" Welles, Arcadia, attended the NCA convention held in Phoenix, Arizona, the first week in February.
One of the highlights for the Florida contingent was the breakfast hosted by the FCA leader and his wife on Thursday morning, February 5 at the Hyatt Hotel. Fifty-eight members and their wives attended the morning function.

Over 5000 cattlemen from across the nation were on hand for the annual convention. Outgoing NCA President Merlyn Carlson reported the nation's beef business is "indeed at a turning point," and cattlemen's profitability should improve in the years ahead, particularly if certain challenges are recognized and met.
Challenges which have to be met, according to Carlson, are: improving beef as a product and promoting it more aggressively; strengthening the cost-competitive position of beef through still more production efficiency; maintaining a free enterprise environment for the cattle business, without excessive government interference, and improving individual management and marketing skills in order to cope with an inflationary and volatile economy.
The existing cost-price squeeze is a result of a number of things, including a weak economy and adverse weather has been very discouraging to most cattlemen. But, said Carlson, certain basic long-term factors improve the outlook for the next several years.
These factors include: (1) An improving, more productive economy, with rising real incomes for consumers and better beef demand. (2) Rewards for the superior productivity of U.S. agriculture, in a world with rising demand for food and fiber. (3) Slower expansion (if any) of cattle herds and beef production in the next few years, as compared with the rapid growth in the last cattle cycle. (4) Potential for profit from rumen animals' ability to convert other
wise wasted plant resources into a valuable food. (5) Improved political and social climate for a free enterprise business like cattle.

Carlson also discussed challenges to individual cattlemen and to the industry, including problems caused by excessive government and by misleading criticism of beef from critics/activists who do not understand or accept modern beef production methods and the free enterprise, incentive system in which beef is produced.

Future success for cattlemen will depend increasingly on their own management skills, Carlson said. Additionally, NCA will do a number of things to help meet the industry's challenges, such as:

(1) Encourage stepped up beef market development and promotion programs. (2) Maintain public information programs on behalf of beef and the industry. (3) Seek to resolve the diet/health controversy, and get it from the political arena back into the scientific arena, and see that government does not propagandize against beef. (4) Look at possible grading changes, in order to provide a leaner, more waste-free, more desirable product. (5) Push for stronger meat export programs, with fewer overseas barriers to U.S. quality beef.

(6) Encourage research which can provide the technological breakthroughs needed to make beef more competitive. (7) Work toward improvement in the market structure. (8) Expand NCA's educational role in order to help members become better managers and cope more effectively with rapid change. (9) Continue to work for needed tax law changes. (10) Maintain the fight for the free enterprise system, heading off any further government efforts to control both private and public land use and also fight for use of modern technology and other important production and marketing methods.

Dub Berry, NCA executive vice president, pointed to a number of industry problems and said that although being at the low end of the cattle cycle, inflated operating costs and high interest rates have wiped out the advantage of fewer cattle numbers.

He noted a number of steps that will be required for cattlemen, as individuals and as an industry, to become more competitive. Included were:

Conduct, and then heed, consumer research, so that the industry can more precisely meet consumer wants and needs; modernize beef grading standards, in order to provide consumers with leaner, more nutritious and more valuable beef prices; broaden use of new techniques for processing beef, to provide greater uniformity in eating satisfaction and to provide more attractive products, (these would include electrical stimulation, hot boning, mechanical and enzyme tenderization); improve relations and cooperation among all seg-

(Continued on page 84)
CowBelles active at local and state level

PRESIDENT’S BY-LINES

Collier County had their local fair February 10-17. On display in the Cow-Belle booth were knives, a steel (courtesy of Lamar Adams of Publix), sharpening stone and a cutting board. Recipe booklets and beef brochures were also available. Each night there was a drawing for a $15 gift certificate. The booth was manned daily by both CowBelles and cattlemen.

It is always interesting to see what other organizations in our beef industry are doing. It is my privilege to serve on the board of directors of the American Hereford Auxiliary and I will be working on the legislative committee.

CowBelles are working in cooperation with the Hoffmann-LaRoche Homemaker schools. Two of these schools were held in Florida, one in Panama City on February 24 and another to be held March 12 in Monticello. Although we did not participate in the actual program many recipes and beef information brochures were available for these programs.

Again this year the cattlemen had a booth at the State Fair February 4-15. This booth was manned daily from 10:00 a.m. until 10:00 p.m. A 45 minute morning and afternoon beef by-products and life support program was given in the Performing Arts Dome February 4 by Jane Williamson and Belle Jeffords. State ways and means items were also sold for three full days. Many thanks to all the CowBelles who gave of their time to help in this booth. Those counties helping were Pasco, Highlands, Hardee, Marion, Sumter, Osceola, Manatee, St. Johns, Hillsborough, Hernando and Citrus.

The 30th annual meeting of the American National CowBelles was held during the NCA convention in Phoenix, Arizona, February 2-6. A special attraction for the ladies attending was one of the outstanding women in America and former Miss America, Marilyn Van- Derbur, presenting a program directed toward motivation. Also speaking at the NCA general sessions were Congressman Guy Vander Jagt, and John R. Block, the newly appointed Secretary of Agriculture.

Also, seminars were held on public relations, meat identification and stress management.

New officers for the ANCB for 1981 are president, Ann Woolley, Oklahoma; president-elect, June Bradley, Ohio; first vice president, Jo Berschet, Ohio; second vice president, Natalie McElroy, North Dakota. Elected to the executive committee were Nancy Burgett, Michigan; Edna Jean Forsgren, Nevada; Myrtle Quiggle, Alabama; and Velma DeVries, South Dakota.

What special pride we from Florida felt when our own JoAnn Smith received the Outstanding CowBelle Award from the Sioux City Stockyards. Congratulations from all of us.

(Continued on page 80)

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They go in fast... and go in for good
Commercial buyers
set tempo at
Brahman bull sale

Florida commercial cattlemen claimed most of the 45 registered Brahman bulls that sold at the annual Eastern Brahman Association Performance Tested Bull Sale, held January 23, at Bartow. Buyers from three states purchased the animals.

Sale figures showed the 45 bulls grossed $51,075 to average $1135 each. The bulls were gain tested for 60 days at Kaplan Industries, Bartow, prior to the sale. Average daily gains, weight per day of age, and final grade tabulations were published in the sale catalog, along with other pertinent information.

Volume buyers at the sale included Warren Gibbs, Wauchula, purchasing seven head for $8550, and C. Wilson, Inc., Bartow, spending $4400 for four bulls. Other volume buyers were John McQueen, Punta Gorda, and Rafter Cross Ranch, Wauchula.

Top selling bull was consigned by G. T. Stack & Sons, Tampa. The September, 1978, bull gained 3.5 pounds per day on test, and had a weight per day of age of 1.71. Satilla Creek Ranch, Jesup, Georgia, paid $2100 for the sale topper.

Second top selling bull was consigned by G. A. Tucker & Sons, Cocoa. The March, 1978, individual gained 3.41 pounds per day on test, and sold for $2000 to Albert Fritske, Plant City.

Sale activities included a social hour hosted by the officers of EBA at the Davis Brothers Motel, Bartow, on the night before the sale.

Sale chairman was C. Lee Eggert, Winter Haven. Serving on the committee with Eggert were Joe Barthele, Dade City; D. T. Davis, Zolfo Springs; G. T. Stack, II, Tampa; Carl Story, Lake City; S. L. Waters, Bartow; Jimmy Chapman, St. Cloud; L. M. Bates, Orlando; Marcus Shuckelford, Wauchula; David Goff, Bartow; James Swindle, Ray City, Georgia; Elliott Kennedy, Jacksonville; and W. W. Tilton, Jr., East Palatka. Auctioneer was Robert D. Cooper, Sarasota.

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

- Warren Gibbs, Wauchula (7) $8550; C. Wilson, Inc., Bartow (4) $4400; Jim Watkins, Lakeland (3) $3825; Rafter Cross Ranch, Wauchula (5) $3600; Albert Fritske, Plant City (2) $2000; John McQueen, Punta Gorda (3) $3150; G. A. Tucker, Cocoa (4) $1700; Register Farms, Graceville (2) $2475; Satilla Creek Ranch, Jesup, Georgia $2100; David & Gains, Fostersville $1900; Harold Garner, Arcadia $1875; Richard D. Gugliattoti, Brandon $1700; Shady Oak, Fort Meade $1650; Buck Shaw, Alachua $1550; Spencer Farms, Alachua $1325; R. E. Newman, Bonifay $1250; W. E. Cannon, Concord, North Carolina $1250; Franklin Griffin, Okeechobee $1200; Eugene Peeples, Venus $1000; Dick Kelly, Arcadia $800; Hewitt Bradley $750; Thornhill & Foster, Winter Haven $750.

Milk cow numbers on Florida dairy farms in December totaled 184,000, unchanged from December 1979, according to the Florida Crop and Livestock Reporting Service.

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THE FLORIDA CATTLEMAN / MARCH 1981 / 41
Five Florida Brahman breeders win championships at two fairs

Five Florida Brahman breeders won grand or reserve grand championships during open Brahman judging at the Florida State Fair, Tampa, and the South Florida Fair, West Palm Beach.

Winners included U.S. Sugar Corporation, Clewiston, who took grand champion Brahman female honors and reserve grand champion bull honors at the Tampa show. Whaley's Crescent O Ranch, St. Cloud, won reserve grand champion bull honors at Tampa, and grand champion bull award went to Register Farms, Graceville.

Register also took the bull award at the West Palm Beach show, with D. T. Davis Farms, Zolfo Springs, winning reserve grand champion bull honors. The grand champion female at West Palm Beach was shown by Ranches, Inc., Clewiston, while Whaley took the reserve spot with a different female than won at Tampa.

Complete results of the open Brahman judging at the two events, listed to the first three places, with number of entries shown in parentheses, follow:

**Tampa**

**Females**, calved Mar. 1-Apr. 30, 1980 (7)—AEW Maaso Bevo 86 (reserve junior champion), Cresent O Ranch, Kissimmee; DB Miss Betty, Daughtry, Bartow; Miss C & C Bevo Repuscho 125, Chapman & Collier, Wauchula;

**Females**, calved Jan. 1-Feb. 29, 1980 (12)—Cotulla of Sugarland 429, U.S. Sugarland Corp., Clewiston; HPS Miss Caraena 921, Henry O. Partin & Sons, Kissimmee; AEW Maaso Bevo 77, Crescent O;

**Females**, calved Nov. 1-Dec. 31, 1979 (6)—Estee of Sugarland 80 (grand champion, junior champion), U.S. Sugarland; Miss C of Sugarland, U.S. Sugarland; Hubs Queen, G. T. Stack, Tampa;

**Females**, calved Sept. 1-Oct. 31, 1979 (2)—Miss Barbara 140, Ranches, Inc., Clewiston; Miss International, Ranches, Inc.;

**Females**, calved May 1-Aug. 31, 1979 (2)—HPS Miss Julian 850, Partin & Sons; Miss Loxy Kabar 254, Kabar Ranch, Jacksonville;

**Females**, calved Mar. 1-Apr. 30, 1979 (6)—C & C Miss Impero Manso, Chapman & Collier; DB Lady Mija Manso, Daughtry; Quinca, Stack;

**Females**, calved Jan. 1-Feb. 28, 1979 (5)—LEW Lady Arauto 6 (reserve grand champion, senior champion), Larry Whaley, St. Cloud; HPS Miss Niz Elkhorn (reserve senior champion), Edward L. Partin, Kissimmee; Ceremonios of USSC, U.S. Sugarland;

**Females**, calved Sept. 1-Dec. 31, 1978 (2)—Miss 4C Ponderosa 104, 4 C Ranch, Groveland, Alabama; Miss Loxy Kabar 252, Kabar;

**Females**, calved May 1-Aug. 31, 1978 (1)—Miss Cherokee Arasto, Clayton O'Quinn, Ocala;


**Bulls**, calved Jan. 1-Feb. 29, 1980 (9)—HPS Resoto Manso (reserve junior champion, Mike Partin, Kissimmee; Contexo Esta, Stack; Miss C & C Bevo Repuscho 125, Chapman & Collier, Wauchula;

**Bulls**, calved Nov. 1-Dec. 31, 1979 (5)—Sugarland's Los-mano (junior champion), U.S. Sugarland; Poncrata 221, Kabar; GAT Cortobius Metz Eato, G. A. Tucker, Cocoa;


**Bulls**, calved May 1-Aug. 31, 1979 (1)—HTT Carl Imperator, H. T. Powell, Winter Park;

**Bulls**, calved Mar. 1-Apr. 30, 1979 (4)—BL Sugar Crata, Junior Lee, Perry; LMT Mr. Circle T 288, Mrs. L. M. Tucker, Tifton, Georgia; LWC Saville 2, Lucian Witt Conbee, Lakeland;

**Bulls**, calved Jan. 1-Feb. 28, 1979 (6)—Sugarland Los-
Florida Brahman registrations up
Florida registered 4689 Brahman with the American Brahman Breeders Association, Houston, Texas, in 1980. That's 990 more than was registered in 1979. Those are the latest figures released by Dinah Weil, recording secretary for ABBA.

Miss Weil said that ABBA set an all-time record in overall registrations in 1980, with 36,450, up from 32,283 in 1979.

Stuart Open House is successful

The 1980 W. H. Stuart Ranch, Inc., Open House drew a large turnout of purebred Brahman breeders and commercial cattleman on December 2, at Bartow. The photo at top shows ranch president M. E. (Max) Hammond, second from right, greeting some of the guests. Shown in the middle left photo is Lee Pritchard of American Brahman Breeders Association, Houston, Texas, talking with Florida Brahman breeder and past ABBA president G. T. Stack, Tampa. Middle right is H. Q. and Elliot Kennedy of Kabar Ranch, Jacksonville, looking over the pens at some of the sale offering. Bottom photo shows some of the display pens prior to the sale.
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WATERS, FRED, 420 North Oak, Bartow, FL 33830. 813/533-6415.
WATTS, TIM, Walker & Watkins Farm, Rt. 2, Box 78, Milan, GA 31060. 912/385-3888.
WEBB, GLENN, Rocking W Ranch, Rt. 3, Box 265-E, Bonifay, FL 32425. 904/547-3466.
WHALEY, CECIL E., Cecil Whaley Ranch, Rt. 2, Box 2196, St. Cloud, FL 32769. 305/892-2974.
WHALEY, LARRY, Crescent O Ranch, Rt. 2, Box 2334, St. Cloud, FL 32760. 305/892-2492.
WIGGINS, ROY, Roy Wiggins Ranch, Rt. 3, Ashburn, GA 31714. 912/557-3771.
WILSON, DAVID, 4-C Ranch, Box 516, Grove Hill, AL 36451. 205/275-3321.
WILSON, LEWIS H., Rocking W-Bar Ranch, Box 309, LaCrosse, FL 32658. 904/372-7149.
WOOD, JAMES P., Tulay Cattle Co., Box 231, Waynesboro, MS 33937. 601/735-4150.
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30 Quality Brahman Females

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Sale is being held in conjunction with the EBA annual banquet and membership meeting. Plan to attend all of the activities.

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Greg Carlton, Chairman
813/983-8121
**Beef cattle, forage field day set at Jay**

J. E. Bertrand, animal scientist at the Agricultural Research Center, Jay, reports a Beef Cattle and Forage Field Day is slated to be held at the ARC on March 24.

Registration will begin at 8:00 a.m., to be followed by welcome and comments from H. A. Peacock and L. T. Christenberry from the center, and Dr. H. D. Wallace, chairman, animal science department, University of Florida, Gainesville.

At 9:00 a.m., the program will open with a discussion by A. Z. Palmer, meats scientist at the University, on the impact of proposed changes in the USDA beef grading standards. He will be followed by J. P. Tritschler II, ARC, covering the use of urea in beef cattle rations. At 9:50 a.m., W. E. Kunke, extension beef specialist from the Gainesville campus will discuss factors affecting the calf crop.

Bertrand will follow at 10:35 a.m. covering beef cattle studies at the ARC. At 11:00 a.m., D. L. Wright of the center will cover forages and forage management. Looking at the animal health area, P. G. Koehler of the University animal science staff will describe research done on use of ear tags for controlling external parasites in beef cattle.

Lunch at 12:30 p.m. will be preceded by a question and answer period. The lunch is being sponsored by the Northwest Florida Cattlemen’s Association. Refreshments during the morning break period will be served compliments of the Hygeia Coca-Cola Bottling Company of Pensacola.

The day’s program will conclude with a tour of the beef cattle and forage studies at the ARC along with demonstrations on implanting of calves with a growth promotant and the use of ear tags to control external parasites.

**Kennedy heads Duval cattlemen**

Herbert Q. Kennedy, Jacksonville, was elected president of the Duval County Cattlemen’s Association at the November 1980 meeting. He will serve during 1981.

Vice president is Warren Alvarez; secretary is Mike Kelly and treasurer is Ernest Buchanan, all from Jacksonville.

State director is E. D. Gregory, Jacksonville.

Directors named for two year terms, all from Jacksonville, are Lou Clark; Frank Hipps; John Lee; and Larry Waddle. One year directors, all from Jacksonville are Tom Braddock; James Clements; Joe Forshee, and Eliott Kennedy.

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**Gentle Red Brahman**

**Peace Valley Ranch**

We invite you to inspect the largest Red Brahman Herd in the Southeast.

E. D. Rogers, Owner
Route 1, Box 97
Zolfo Springs, Fla. 33890
Ph: 813/735-5561

Located 9 mi. east of Zolfo Springs on State Road 66

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Twenty states moving to increase beef check-off

Twenty major beef-producing states have taken or are considering action to increase their beef check-off rates, according to a spokesman for the Beef Industry Council (BIC) of the National Live Stock and Meat Board.

J. Richard Pringle, a rancher and cattle feeder from Yates Center, Kansas, who serves as chairman of the BIC’s revenue development committee, said the states’ action is consistent with the findings of a Doane Agricultural Service survey of cattlemen taken six months ago.

“This shows us that cattlemen weren’t just talking when they said they were willing to support a higher level of funding for beef market development programs,” Pringle said.

In the Doane survey, approximately two-thirds said they would invest 50 cents per head or more in such efforts, which are conducted by the Meat Board’s Beef Industry Council and some 29 state beef promotion organizations.

At a January 5 meeting in Ames, Iowa, called by the BIC Revenue Development Committee, the following state actions were discussed:

- Move to $1.00 per head—California, Illinois, Minnesota, Nevada;
- Move to 50 cents per head—North Carolina, Tennessee, Oklahoma, Texas, Wisconsin.

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Grace Brothers Farm
Rt. 1, Box 300, Newton, Ala. 36352
Wallace & Larry Grace, Owners
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Jennings Multi-Purpose Equipment

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

Long ribbon line of hay is shown for easy access by cattle for feeding in pasture or for baling old hay in square bales.

JENNINGS & SON MFG.
Member, Florida Cattlemen’s Association
Route 2A, Box 163
Phones 904/629-4127 & 732-3574
MORRISTON, FLORIDA 32668

THE FLORIDA CATTLEMEN / MARCH 1981 / 53
Dakota, Oregon; Move to 25 cents per head—Colorado, Idaho, Kansas, Mississippi, Missouri, Montana, New Mexico, South Dakota, Texas, Utah, Wisconsin, Wyoming.

In addition to these states, Iowa is also considering an increase from its present 25-cent rate, although no official action has been taken to date. (Other states, including Arizona, Indiana, Louisiana, Nebraska and Ohio, are on a 25-cent program.)

It was indicated Florida has discussed 25 cents, with some producers having contributed that amount for some time.

"Some states, such as Kansas, have been actively trying to implement a new, higher rate on a voluntary basis, market by market. But several others have passed resolutions in support of a change in their state's legislated check-off program. Either way, it will take time before a significant amount of additional funds are realized," Pringle said.

"The important thing is that we've got the ball rolling. And many cattlemen feel that the move to a 25-cent or 50-cent rate is just a first step toward an even more expanded and effective market development program for the beef industry. We're going to need that kind of funding to maintain beef's market share and increase demand for greater profit opportunity," he added.

Pringle also stressed the importance of a coordinated approach to beef market development, involving national efforts by the Beef Industry Council of the Meat Board and in-state programs by beef councils.

"One thing we've learned from the Doane survey is that cattlemen recognize the need for state-national coordination, with about 40 percent or more of the check-off funds allocated to the national effort," he said.

"Experience also tells us that this is the most effective way to reach consumers with beef education, research, information and promotion programs. A national program without strong state support just isn't going to get the job done."

**ABBA names three Florida directors**

Three Florida Brahman breeders were recently elected to two year terms as directors of the American Brahman Breeders Association, Houston, Texas.

Mike Partin, Kissimmee, will be serving his first term on the ABBA board, while Gilbert Tucker, Cocoa, and Marcus Shackelford, Wauchula, are serving consecutive terms.

Other Floridians serving on the ABBA board are Dr. A. E. Whaley, Kissimmee, and two past ABBA presidents, G. T. Stack, Tampa, and M. E. (Max) Hammond, Bartow.
THIRTY YEARS!

Formed in early January 1951 the Florida Association of Livestock Markets has been an active and viable force in the growth of the livestock industry in the state of Florida during the years.

Its member markets work hard to help producers sell their livestock the competitive way and help them get top dollar.

The markets in the Association will be working just as hard in the coming years as they have in the past, to do the best job for you, the producer. They'll appreciate your patronage.

The Auction Market Way is the Best Way!

CONTACT ANY OF THESE MARKETS, ALL MEMBERS OF THE STATE ASSOCIATION

Arcadia State Livestock Market*
Auctions Every Wednesday
Pat Kelly, Mgr.
Ph. 813/948-3737
ARCADIA, 32610

Chipley Livestock Company*
Auctions Every Tuesday
E. D. (Buddy) Neel, Mgr.
Ph. 904/638-0267, 638-4498
CHIPLEY, 32428

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

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

Jay Livestock Auction
Auctions Every Tuesday
Horace McCurdy, Mgr.
Ph. 904/755-4795
JAY, 32565

Kissimmee Livestock Market
Auctions Every Wednesday
Dorothy Norris & Johnnie Bronson, Mgrs.
365/947-3521
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 813/685-5088
TAMPA, 33601 and LAKELAND, 33801

Suwannee Valley Livestock Market*
Auctions Every Wednesday
Kiah Eubanks; Cecil Moore • Ph. 904/382-1702
LIVE OAK, 32050

Mills Auction Market*
Hog Auction Every Wednesday
Cattle Auction Every Thursday
Emery Mills, Mgr.
Ph. 904/732-4454
OCALA, 32670

West Florida Livestock Market*
Sale Every Thursday
Buddy Williams, Mgr.
Ph. 904/482-2229, 482-9884
MARIANNA, 32446

EDWARDS LIVESTOCK COMPANY*
Hog Auction Every Monday
Cattle Auction Every Wednesday
O. W. Edwards, Jr., Mgr. • 904/627-9584
QUINCY, 32351

Hardee Livestock Market, Inc.
Auctions Every Monday
Mgrs.: Doyle Carlton, III, Robert Ray Smith
Phones 813/773-8747, 773-9560
WAUCHULA, 33873

Interstate Livestock Market*
Auctions Every Tuesday
Jay Mueller, Mgr.
813/889-2424, 889-9995
SEFFNER, 33584

Sumter County Farmers Market
Auctions Every Tuesday
Gene Babbitt • Ph. 904/739-2021
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 / MARCH 1981 / 55
Activities in the industry!

Upper left, over 500 attended the annual Agricultural Hall of Fame banquet ceremony at the State Fair, Tampa, February 10. FCA Executive Vice President Ron Stephens, Kissimmee, presided over the session.

Second row, The late Senator Irlo Bronson, Sr., was inducted into the Agricultural Hall of Fame at the banquet. Looking at the plaque, just presented by Commissioner of Agriculture Doyle Conner, right, are family members Inelle Kelley, Kissimmee; Mrs. Mary Bronson, Fort Pierce, and Irlo (Bud) Jr., Kissimmee.

Third row, left, Gilbert A. Tucker, Cocoa, center, received his Hall of Fame plaque from Commissioner Conner while Mrs. Tucker looks on. Inset, top left, FCA President W. C. “Kayo” Welles, Arcadia, visits with Craig Ludwig of the American Hereford Association during a recent stock event in Bartow. Top right, Pat Wilson, Frostproof, served as emcee during the auction sale held during the NCA Convention in Phoenix, Arizona, in early February. Inset, bottom left, Mrs. JoAnn Smith, Wacahoota, chaired a day-long session of NCA’s beef promotion and consumer relations committee at the NCA convention. Inset, bottom right, Secretary of Agriculture John R. Block, answered numerous questions during a press conference at the Phoenix meeting.

Bottom left, Pat Corrigan, Vero Beach, and friend were photographed at the stock show in Denver, Colorado, last January, when he was computing performance of some Hereford bulls prior to attending the sale.

Bottom center, Also inducted into the Hall of Fame was J. Francis Cooper, Gainesville, editor emeritus of the Florida Cooperative Extension Service. He receives his plaque and congratulations from Commissioner Conner.

Bottom right, Barney Greene, right, chats with Lee Leachman, left, Denver, Colorado, and Auctioneer Sonny Booth, Miami, Oklahoma, prior to Greene’s Bar G Bar Limousin sale at the Madison ranch last November.
LIVESTOCK OUTLOOK

Fed cattle at Omaha averaged $63 in January while Medium No. 1's, 400-500 lbs. in Florida averaged $67-76. Overall, fed cattle declined about $1.30 from the previous month, while feeder cattle remained unchanged. Cows were up about 5.1 percent while steers were down about 2.6 percent. This is a neutral to bearish report. All classes of cattle were up much higher than virtually all analysts had predicted. This probably due to cattlemen holding cattle in the face of declining prices throughout the fall and early winter months rather than a firm desire to increase herd size or shift into cattle from other operations.

The 23 state January 1 cattle on feed report released January 19 indicated a decline of 5 percent from a year earlier, and 12 percent fewer cattle on feed than in January, 1979. Cattle feeders intend to market 2 percent more cattle during January-March than in 1980.

The near term outlook is for cattle prices to increase only slightly. By the end of March there should be a considerably reduced supply of both medium and heavier weight slaughter cattle. For this second quarter, if inflation measures appear to be effective, the prime rate is about $1.50

The January, February and March cattle inventory report indicated a 2.6 percent higher prices in the April-June period. By the end of March there should be a considerably reduced supply of both medium and heavier weight slaughter cattle. For this second quarter, if inflation measures appear to be effective, the prime rate is about $1.50

<table>
<thead>
<tr>
<th>Grade</th>
<th>1980</th>
<th>1981</th>
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</thead>
<tbody>
<tr>
<td>Choice</td>
<td>80.65</td>
<td>60.10</td>
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<tr>
<td>Good</td>
<td>74.11</td>
<td>55.95</td>
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<tr>
<td>Standard</td>
<td>58.91</td>
<td>48.55</td>
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Average Prices Received through 14 Florida Auctions January 1980 and 1981

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<thead>
<tr>
<th>Grade</th>
<th>1980</th>
<th>1981</th>
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</thead>
<tbody>
<tr>
<td>Slaughter Cows over 250 lbs.</td>
<td>87.25</td>
<td>70.23</td>
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<tr>
<td>Stocker Cows over 300 lbs.</td>
<td>80.96</td>
<td>74.12</td>
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<tr>
<td>Medium #1</td>
<td>77.30</td>
<td>60.09</td>
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<tr>
<td>Large #1</td>
<td>75.35</td>
<td>60.42</td>
</tr>
<tr>
<td>Medium #2</td>
<td>72.10</td>
<td>57.92</td>
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<tr>
<td>Large #2</td>
<td>62.90</td>
<td>56.28</td>
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<tr>
<td>Small #1</td>
<td>58.42</td>
<td>48.55</td>
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<tr>
<td>Small #2</td>
<td>55.63</td>
<td>48.55</td>
</tr>
<tr>
<td>All Grades</td>
<td>52.45</td>
<td>41.03</td>
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Average Prices, Dollars per Cwt.

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<thead>
<tr>
<th>Item</th>
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</thead>
<tbody>
<tr>
<td>Choice</td>
<td>85.60</td>
<td>69.80</td>
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<tr>
<td>Good</td>
<td>79.30</td>
<td>69.80</td>
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<tr>
<td>Standard</td>
<td>81.65</td>
<td>79.30</td>
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<tr>
<td>Average Prices as % of Parity</td>
<td>49.50</td>
<td>49.50</td>
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Average Prices Received, Effective Parity and Percent of Parity for Livestock, U.S., January 1980 and 1981

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<tr>
<td>Dols. per Cwt.</td>
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<td>63.90</td>
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<tr>
<td>Dols. per Cwt.</td>
<td>79.30</td>
<td>79.30</td>
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<tr>
<td>Percent</td>
<td>49.50</td>
<td>49.50</td>
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Slaughter Steers, Omaha

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<tbody>
<tr>
<td>Choice</td>
<td>67.85-67.80</td>
<td>67.80-67.80</td>
<td>67.81-67.81</td>
<td>67.80-67.81</td>
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<td>Commercial</td>
<td>50.73-50.78</td>
<td>44.15</td>
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<tr>
<td>Utility</td>
<td>51.43-51.45</td>
<td>44.02</td>
<td>44.02</td>
<td>44.02</td>
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<tr>
<td>Cutter</td>
<td>46.67-46.72</td>
<td>40.00</td>
<td>40.00</td>
<td>40.00</td>
</tr>
<tr>
<td>Canner</td>
<td>38.91-39.54</td>
<td>31.00</td>
<td>31.00</td>
<td>31.00</td>
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</table>

Slaughter Cows, Omaha

<table>
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<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Choice</td>
<td>67.85-67.80</td>
<td>67.80-67.80</td>
<td>67.81-67.81</td>
<td>67.80-67.81</td>
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<td>31.00</td>
<td>31.00</td>
<td>31.00</td>
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SOURCE: U.S.D.A.—AMS


<table>
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<tr>
<th>October</th>
<th>January-October</th>
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<tbody>
<tr>
<td>Year</td>
<td>Quantity Rec'd.</td>
</tr>
<tr>
<td>---------</td>
<td>-----------------</td>
</tr>
<tr>
<td>Florida</td>
<td>1000 Pounds</td>
</tr>
<tr>
<td>1978</td>
<td>18,811</td>
</tr>
<tr>
<td>1980</td>
<td>29,935</td>
</tr>
<tr>
<td>1980</td>
<td>147,216</td>
</tr>
</tbody>
</table>

SOURCE: U.S. Department of Commerce
This year we will be offering approximately 33 progeny-proven cows for sale. Each cow will have a calf at its side born during January or February, 1981. These cows are all of the winter calving cows in our herd born prior to Oct. 25, 1975. None will be held back.

Available for sale at this time will be 75 performance tested bulls just off test and several herd sires we have been using in our herd. For the first time, we will be offering 12 F1 Brangus bulls raised and performance tested by Graham Angus Farm.

The objective of Graham Angus Farm is to produce registered Angus bulls that will improve the economic efficiency of commercial beef herds. We attempt to do this by stressing traits of economic importance and only traits of economic importance in our selection of breeding animals. The following are traits we emphasize in our program:

1. **Fertility and Reproductive Ability.** We expose cows to bulls for 60 days and insist on a live calf.
2. **Mothering Ability.** We do not creep feed so we can measure a cow's ability to wean a heavy calf on her milk alone.
3. **Ability to Grow Rapidly.** We have weighed calves since 1955, yearlings since 1961.
4. **Structural Soundness.** We don't care about the shape of their heads, but we insist on good legs and feet.
5. **Adequate Size.** We like large Angus cattle.

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O. T. Watson Mgr.
(912) 432-0229

PERFORMANCE TESTING SINCE 1955

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O. T. Watson Mgr.
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PERFORMANCE TESTING SINCE 1955

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**S W-**

**THE FLORIDA CATTLEMAN / MARCH 1981**

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**Graham Angus Farm**

**Spring Gen House**

**Tuesday, Mar 17, 1981**

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**The following are some of the cattle to be offered for sale:**

**COWS**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Big Elban of Graham 43</td>
<td>1257</td>
<td>1/21/73</td>
<td>4/111</td>
<td>4/110</td>
</tr>
<tr>
<td>Graham Bardolier 84</td>
<td>1290</td>
<td>1/03/73</td>
<td>6/108</td>
<td>5/109</td>
</tr>
<tr>
<td>Big Elban of Graham 131</td>
<td>1330</td>
<td>1/18/74</td>
<td>4/119</td>
<td>3/112</td>
</tr>
<tr>
<td>Graham Emulous Para 22</td>
<td>1611</td>
<td>12/25/74</td>
<td>4/108</td>
<td>2/105</td>
</tr>
<tr>
<td>Big Elban of Graham 250</td>
<td>1714</td>
<td>1/02/75</td>
<td>4/115</td>
<td>3/112</td>
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<tr>
<td>Big Elban of Graham 86</td>
<td>1715</td>
<td>12/30/74</td>
<td>4/115</td>
<td>3/109</td>
</tr>
</tbody>
</table>

**BULLS ON TEST**

<table>
<thead>
<tr>
<th>Sire</th>
<th>Dam's No.</th>
<th>205 Day Adj. Wgt.</th>
<th>84 Day Gain</th>
<th>84 Day WDA</th>
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</thead>
<tbody>
<tr>
<td>Big Elban of Graham 208</td>
<td>1193</td>
<td>583</td>
<td>4.23</td>
<td>3.36</td>
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<tr>
<td>Emulous of Georday 1</td>
<td>1390</td>
<td>626</td>
<td>3.81</td>
<td>3.33</td>
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<tr>
<td>Dunnedin of Graham 12056</td>
<td>1523</td>
<td>641</td>
<td>3.81</td>
<td>3.22</td>
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<tr>
<td>Dunnedin of Graham 12056</td>
<td>1643</td>
<td>555</td>
<td>4.29</td>
<td>3.15</td>
</tr>
<tr>
<td>Emulous of Georday 1</td>
<td>1725</td>
<td>637</td>
<td>3.86</td>
<td>3.24</td>
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<tr>
<td>Menteith of Graham 15087</td>
<td>1778</td>
<td>627</td>
<td>3.99</td>
<td>3.17</td>
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**HERD SIRES**

<table>
<thead>
<tr>
<th>Name</th>
<th>Age</th>
<th>205 Day Adj. Wgt.</th>
<th>140 Day Gain</th>
<th>365 Day Adj. Wgt.</th>
<th>Wgt. 10/30/80</th>
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</thead>
<tbody>
<tr>
<td>Emulous of Georday 1</td>
<td>7</td>
<td>672</td>
<td>3.68/125</td>
<td>1230/128</td>
<td>2310</td>
</tr>
<tr>
<td>Big Elban of Graham 11155</td>
<td>5</td>
<td>599/118</td>
<td>3.16/119</td>
<td>1115/115</td>
<td>1950</td>
</tr>
</tbody>
</table>
**Georgia breeders share championships at two Florida Angus events**

Winners of open Angus judging at the Florida State Fair, Tampa, and the South Florida Fair, West Palm Beach, listed to three places in the order as they were placed, with number of entries in parentheses, follow:

**Tampa**

Junior heifer calves, calved Mar. 1, 1980 and after (9)–

- Circle G Rose 820 (reserve junior calf champion), Circle G Angus Farm, Hampton, Georgia; Bellemade Eutrovia 820, Bellemade Farms, Lake City; Susie Pride 159, Windy Hill Farms, Lake City;

- Junior heifer calves, calved between Jan. 1- Feb. 29, 1980 (5)–

  - Circle G Pride 810 (grand champion, junior calf champion), Circle G, Burton’s Blue Lady 930, Wildwood Acre J, Rome, Georgia; Bellemade Burgess, Bellemade;

  - Late spring heifer calves (9)–Briarhill Belinda, Jimmy Franks, Lenox, Georgia; Miss Barbara T 699, Mike Fuscell, Bartow; Bellemade Pride 499A, Bellemade;

  - Early senior heifer calves (5)–Picket Blackbird (senior calf champion), Franks; Miss Eriana Chaps T249 (reserve senior calf champion), Thompson Bros. Farm, Marianna; Briarhill Blemispissie, James Bacon, Zephyrhills;

  - Late summer heifer heifers (1)–Circle G Blackbird (reserve grand champion, intermediate champion), Circle G Angus, Hampton, Georgia;

  - Early summer heifer heifers (4)–Bellemade Blackbird 439 (reserve intermediate champion), Bellemade; Bellemeade Mignonne 509, Bellemade; Blackcap Adventure, Jason Clark, Wauchula;

  - April junior yearling heifers (2)–Raven Lassie, Bacon; WFF Evelyn 124, Windy Hill Farms, Lake City;

  - March junior yearling heifers (3)–Bellemade Eutrovia 29 (junior champion), Bellemade; Genneva pride (reserve junior champion), Geo. and Viola Miller, Zephyrhills; PAF Eilenhemere WVE 39, W. W. Teague, Auburndale;

  - Early junior yearling heifers (3)–CCAF Emulous Rev 9570, WR Bar Custom Fitters, Ocala; Queen Erica T109, Fussell; Proud Carrie 4 of Bozzuto, Bozzuto Angus Ranch, Lake City;

  - Junior bull calves, calved Mar. 1, 1980 and after (6)–

    - Picketti Emulous 219 (junior calf champion), Franks; Bevo Proton 69 of Bozzuto, Bozzuto; Arrowhead Bartman Disco 222, Wildwood Acre J Ranch, Rome, Georgia;

    - Junior bull calves, calved between Jan. 1 and Feb. 29, 1980 (2)–Bellemade Adventure 560 (reserve junior calf champion), Bellemade; Bateman Image, Bellemade;

    - Late senior bull calves (3)–Colossal Gorden, Bacon; Briarhill 378129, Randy Maggard, Zephyrhills; Bevo Proton 15 of Bozzuto, Bozzuto;

    - Early senior bull calves (2)–L. L. Winton 576 (grand champion, senior calf champion), Lazy Lakes Farm, Barwick, Georgia; Ankony Conductor (reserve senior calf champion), NW Bar; Bellemade Adventure 369, Bellemade;

    - Late summer yearling bulls (1)–Black Dot Deliverance 629 (reserve intermediate champion), Charles Kubarske, Groveland;

    - Early summer yearling bulls (4)–Black Shadow of Framework (intermediate champion), Bacon; Milestone Old Buck 59, Everett D. Eason, Jr., Lakeland; Clove Hills Star Wars 349, Bozzuto;

    - April junior yearling bulls (2)–Fox Fire (reserve junior champion), Calvin Winter, Tallahassee; CC Northern Prospector 516, Cypress Creek Ranch, Dale City;

    - March junior yearling bulls (3)–LAD-689 Burton’s Marshall (reserve grand champion, junior champion), Wildwood; Briarhill Kiana, Franks; Ken Caryl Prospector 2039, Triple K Ranch, Kinsimmee;

    - Early junior yearling bulls (1)–Circle G Skyliner 67, Circle G;

    - Senior yearling bulls (2)–Sensation Superstar, Circle G; Bellemade Adventure, Bellemade;

  - Summer-senior heifer calves (1)–Grubbs Black Legend (senior champion), Fussell;

    - Two-year-old bulls (2)–PS Tradition 088 (reserve senior champion), Lemon Cattle Enterprises, Woodbury, Georgia; Dotson’s McHenry 3281, Teague;

    - Get of sire (5)–Bellemade; Bellemade; Bozzuto;

    - Junior get of sire (4)–Bellemade, Bozzuto; Bellemade;

    - Breeder six head (3)–Bellemade; Bellemade; Bozzuto.

**West Palm Beach**

Junior heifer calves, calved Mar. 1, 1980 and after (1)–

- Arrowhead Erra Eriana 312, Wildwood Acres Ranch, Rome, Georgia; Arrowhead Erra Eriana 413, Wildwood; M Camilla Anne, Black Shadow Angus Farm, Zephyrhills;

- Junior heifer calves, calved between Jan. 1- Feb. 29, 1980 (2)–Burton's Blue Lady 930 (reserve calf champion, reserve grand champion), Wildwood Acres; JJ Enchantress Lady, Black Shadow;

- Late senior heifer calves (4)–Miss Barbara T 699, Mike Fuscell; Bardow, Stardust Miss Burgess 125, Stardust Ranch;
Dahl to leave

At pretime it was learned that Harvey Dahl, Deer Park, immediate past president of the Florida Cattlemen's Association, will leave his managerial post at Deseret Ranches of Florida, and return to his Nevada ranch.

He will serve his church as a regional representative of the Quorum of the 12 Apostles.

Succeeding Dahl as acting general manager at Deseret is Oscar Crosby. The effective date is March 15.

Dahl was active in youth work and served on the boards of several civic and financial organizations during his 10 years of managing the Mormon Church holdings in Osceola, Orange and Brevard counties.

DADE COUNTY Youth Fair grand champion steer in 1980, above, was shown by Lisa Sachs of Miami, and was purchased by Publix for $4.55 per pound. The 1981 event, set for March 19-29, in Tamiami Park, promises to be another record setting event, with over $8,000 in premiums expected to be paid.

ADVERTISE
Angus sell well

The fifth annual Southeastern Futuristic Angus Sale was held at the Polk County Agricultural Pavilion, Bartow, Saturday, February 14, under the sponsorship of the Florida Angus Association. Forty lots went through the sale ring following the annual show held the previous day to gross $36,235 for a per head average of $906.

There were 31 females in the sale bringing a gross of $25,510 to average $823. The nine bulls brought $10,725 to average out at $1,192.

High buyer was Brady Farms, Tampa, with purchases of 10 lots for $7,700. Second high buyer was Gables Engineering, Coral Gables, with four lots bought for $3,250. Third high buyer was John Polter, Inverness, with five lots for $3,025.

Sale manager was Irwin Sales Management of Gordonsville, Tennessee. Auctioneer was Mike Jones, Lagrange, Georgia. The American Angus Association was represented by John Crouch, Mauldin, South Carolina.

Complete results of the open and youth shows, youth judging contests and other activities will be published in the April issue of The Florida Cattlemen.

Douglas named to council office

Henry Douglas, Zephyrhills, a past president of FCA, was elected vice president of the Florida Agricultural Council, Inc., at the organization’s annual meeting held at the Hyatt Hotel, Orlando, January 29. Douglas had been serving on the board of directors.

Elected president was Richard D. Cassidy, Jacksonville, who had served several terms as vice president. He succeeded Cola B. Streetman, Vero Beach, who was named to the board of directors. William R. Boardman, Orlando, was reelected secretary-treasurer.

Other directors are Dick Biddle, Apopka; Copeland Newbern, Tampa; O. R. Minton, Fort Pierce; Bill Hunter, Gainesville; Charles Williams, Avon Park; and Ralph Cellon, Jr., Alachua. Cellon is a second vice president of FCA.

The morning business session was highlighted by a discussion on IFAS matters by Dr. Ken Tefertiller, vice president for agricultural affairs, University of Florida, Gainesville. He explained the many energy-saving procedures placed into effect throughout the IFAS structure which have also involved substantial savings in costs. In a slide presentation, Tefertiller pointed out the research being done in many areas of agriculture in Florida, all
designed to fit the expanding technological changes. He also noted the strong urban growth in Florida which has competed with agriculture to an extensive degree.

Tefertiller then explained the IFAS funding and pointed out that improved programs will call for an increased budget for the coming period. The estimated expenditures for 1980-81 are $60,831,859 and the increase needed will amount to approximately $13 million. The council went on record as supporting the budget request as presented.

Speaker at the luncheon was State Senator John Vogt, Cocoa Beach, who expressed the thought that with proposed redistricting coming, there would no doubt be confrontations between agricultural interests and other landholders eventually. Vogt said because of the growth of Florida, many environmental changes were necessary, and he felt most changes were properly handled at the legislative level which affected agriculture and urban development.

He concluded by stating that availability of water in the state is going to be a major problem with “time running out.”

Plaques were presented to Streetman for his service to the council, and to Vogt for his efforts on behalf of agriculture since serving in the legislature.

Support your local county Cow-Belles Association.
The House and Senate Agriculture Committees are geared up for a 1981 Florida legislative session which is expected to address itself to several issues of major importance of Florida cattlemen, is the word from L. M. "Buddy" Blain, FCA's legislative representative in Tallahassee.

Amos Sumner, staff director of the Senate agriculture committee, and Jack Holland, staff director of the House agriculture and general legislation committee, agree that the Legislature can be expected to devote considerable study this spring to the "Aggie-Bond" concept and to legislation aimed at the preservation of farm and other agricultural land.

The "Aggie-Bond" concept is one in which the state would issue tax-free revenue bonds to create a fund which would support low interest loans to qualified agriculturalists for use in acquiring additional land and depreciable items, such as equipment and livestock. The concept, supported by the Florida Department of Agriculture and consumer services, is still in the planning state and proposed legislation had not yet been drafted to implement it.

According to the two staff directors, the House and Senate agriculture committees also can be expected to carefully investigate any proposals which are designed to hold lands for agricultural purposes by slowing down sales for residential development of prime agricultural lands.

The Senate agriculture committee this year is once again chaired by Senator Alan Trask, a Democrat from Winter Haven who is beginning his fifth year as chairman. Trask, who has interests in citrus and cattle business, is an honorary director and past president of the Polk County Farm Bureau and a past director for the Florida Farm Bureau Federation. He was first elected to the Florida Senate in 1968 and was Speaker Pro Tempore in 1975 and 1976. Vice chairman of the committee is Senator Thomas J. Tobiassen, a Republican from Pensacola. Tobiassen, who served in the Florida House of Representatives from 1968 to 1975, was first elected to the Senate in 1974. A mechanical engineer, he is also beginning his fifth year of service on the committee.

The other members of the Senate agriculture committee are:

Senator Pat Frank, a Democrat from Tampa who served in the House of Representatives from 1976 to 1978 and was elected to her present Senate term in 1978. Mrs. Frank begins her first year on the Agriculture committee.

Senator George G. Kirkpatrick, Jr., a Democrat from Gainesville who was elected to the Senate last November. Senator Kirkpatrick, operator of a steel building construction company, is a member of the Alachua County Research and Development Authority. He is serving the remaining two years of the term of former Senator Kenneth H. "Buddy" MacKay, Jr., Ocala, an unsuccessful candidate for the Democratic nomination for U.S. Senator last fall.

Senator Richard H. Langley, a Republican from Clermont. Langley, who served in the Florida House of Representatives from 1972 to 1978, was elected to the Senate in 1980. He is an attorney with interests in citrus and cattle.

Senator Thomas F. Lewis, a Republican from North Palm Beach, who served in the Florida House of Representatives from 1972 until his election to the Senate last November. Lewis is a realtor.

Senator Curtis Peterson, Jr., a Democrat from Lakeland who is a nursery man and registered landscape architect. Peterson was first elected to the Senate in March, 1972, and is a former chairman of the Senate agriculture committee.

Senator Richard (Dick) Renick, a Democrat from Homestead. Renick served in the Florida House of Representatives from November, 1966, to March, 1967, and from 1968 to 1972. He served in the Florida Senate from 1974 to 1978 and was elected to his present Senate term last November.

Chairman of the House agriculture and general legislation committee is Representative Gene Hodges, a Democrat from Cedar Key. Hodges, who is entering his third year as chairman of the committee, was first elected to the House in March, 1967, and was reelected to the House in 1972. Prior to his election to the Legislature, he served as judge of the City of Cedar Key and was a member of the Cedar Key Planning Commission. His father, W. Randolph Hodges, served in the Florida Senate for a decade beginning in 1952 and served as President of the Senate from 1960 to 1962.

Vice chairman of the committee is Representative Sam Mitchell, a
Democrat from Chipley who first served in the House from 1956 to 1961 and was re-elected in 1978. He is an educator, banker, and businessman and was a high school principal for 10 years.

The other members of the House agriculture and general legislation committee are:

Representative Bobby Brantley, a Republican from Longwood who was elected to the House in 1978; Representative George Crady, a Democrat from Yulee who was first elected to the House in 1977; Representative Jim Foster, a Democrat from Tampa who was first elected to the House in 1972; Representative Arnett Girardeau, a Democrat from Jacksonville who was first elected to the Florida House of Representatives in 1976 and is a dentist; Representative Bob Hattaway, a Democrat and nurseryman from Altamonte Springs who was first elected to the House in 1974; Representative Ray Hodges, a Democrat from Hialeah and former chairman of the South Florida Regional Planning Council who was elected to the House last November;

Representative Wayne Hollingsworth, a Democrat from Lake City who served in the House from 1970 to 1972 and was re-elected to the House in 1976; Representative Andy Johnston a Democrat and dairy farmer from Jacksonville who was elected to the House in 1978; Representative Everett Kelly, a Democrat from Tavares who was elected to the House in 1978; Representative Ray Hardwick, a Democrat from Brooksville who was elected to the House in 1972; Representative George Messersmith, a Republican from Lake Worth who was elected to the House last fall; Representative Lawrence F. Shackelford, a Democrat and agriculturist from Bradenton who was first elected to the House in 1978; Representative Charles R. Smith, a Democrat and businessman from Brooksville who was elected to the House in 1978, and Daniel Webster, a Republican from Orlando who was elected to the House last November.

The staff director of the Senate agriculture committee is Amos Sumner, 56, a graduate in forestry from the University of Georgia and former superintendent of pulp wood operations for several north Florida forestry companies. Sumner, who himself served in the Florida House of Representatives from 1964 to 1966 is currently the senior staff director in the Florida Senate committee system. In addition to his Senate duties, Sumner is also engaged in cattle raising, farming and game management. He is presently serving on a biomass advisory committee for the Institute of Food and Agricultural Sciences at the University of Florida in Gainesville and represents the Florida Senate on the Florida Rural Development Committee. He began his duties as Agriculture committee staff director in 1972.

Secretary to the Senate Agriculture Committee is Mrs. Elaine Merritt, the senior committee secretary in the Florida Senate committee system. Mrs. Merritt joined the committee in 1970. Working with Mrs. Merritt is Mrs. Thelma Hartsfield, who joined the agriculture committee three years ago.

Staff director of the House committee on agriculture and general legislation is Jack Holland, 56, a native of Macon, Georgia, who received his undergraduate degree in journalism from the University of Florida and a Master's degree in management from the United States Army Command and General Staff College. Holland, who retired last November as a Colonel after 37 years of service in the United States Army and United States Army Reserve, formerly owned and operated weekly newspapers in and around the Chiefland area. He started and operated for 23 years, the Chiefland Citizen, and, at various times, owned and operated the Dunnellon News and the Williston Sun. He is the author of two books, "A History of the United States Army Reserve Reception Station at Gainesville," and "The End of a Log," a nostalgic collection of anecdotes about rural life in north Florida at the turn of the century. He is beginning his third year of service as staff director of the committee. Other staff members on the House committee include Mrs. Lounette Palmer, committee secretary; Ms. Rebecca Everhart, chief researcher; David Hallman, researcher, and Sam Plummer, intern-researcher.

The agriculture committees of both houses meet on a monthly basis until the beginning of the legislative session during the first week in April. During the session, the committees meet on a weekly basis.
Income tax management for the Florida Cowman

by JIM STRICKER

University of Florida

The coming of a new year means that income tax filing time is not far away. A number of strategies can be used for dealing with income taxes. One strategy is, after the close of the tax year, total income and expense for the year, fill out the necessary forms and pay the tax due. You may be even less involved if you use the services of a tax professional to fill out the forms.

Another tax management strategy, if you report on the cash basis, includes totaling income and expense items before the end of the year, estimating income and expenses for the balance of the year and then estimating your tax. This gives you an opportunity to make adjustments in income and expenses before the end of the tax year, if your tax is out of line with past years. Suppose your taxable income were less than your personal exemptions and deductions, you would lose the benefit of the exemptions and deductions not used. On the other hand, if taxable income is high in relation to past years, you may want to hold off on additional sales and make some needed tax deductible purchases before the end of the tax year. This will help you avoid paying tax in an unusually high bracket.

The most effective income tax management strategy depends on your having a basic knowledge of the tax laws and principles so you can analyze, either by yourself or with the aid of a tax advisor, the tax implications of business transactions before they are made. In other words, to do the best job of tax management you need to know a few basic principles and apply them year around, not just at the end of the tax year. When presented with records of completed transactions after the close of the tax year, there is very little even the most capable tax advisor can do to save tax dollars except make sure the forms are filled out correctly.

The objective of this article is to briefly discuss some income tax laws and principles important to the Florida cowman. The discussion applies to growers reporting their taxes on the cash basis (vs. the accrual basis) and to individual (vs. corporations). Since this is a general discussion, you will want to see a competent tax advisor for details or to clarify specific questions. You may also want to refer to I.R.S. Publication 225, Farmers Tax Guide, available at no cost at your county extension office or from the I.R.S.

The foundation of all good business management is a complete and accurate record of income and expenses. For income tax purposes, each dollar of business expenses overlooked will cost from 14 cents to 70 cents in unnecessary taxes. If you overlook income items, you could run into trouble in case of an audit. Be sure to identify in your records non-taxable income items such as withdrawal of savings, borrowed money, repayment of money you loaned to another person, proceeds from cashing bonds (accrued interest is taxable income), gifts which you have received. If non-taxable income is deposited in your checking account, make a note on the deposit slip where the funds came from so if you are audited, you can readily identify the money as non-taxable.

Depreciation

Cost of machinery, equipment, farm buildings, fences, breeding livestock and other business property with a useful life of more than one year must be depreciated over its useful life rather than expensed or written off in the year of purchase. A permanent record must be maintained of depreciable items and include: a description of the item, the date acquired, the original cost or other basis, method of figuring depreciation, years of useful life, salvage value and amount of depreciation taken so far.

A number of methods may be used to figure depreciation. The most commonly used methods are straight line and declining balance. Straight line is the easiest method to use. For example, let's say you purchased a new tractor on 12/1/80 for $15,000 cash plus a used tractor with $3000 left to be depreciated.

You plan to keep the new tractor for eight years and figure it will be worth $4000 (salvage value) at the end of eight years.

Example:

<table>
<thead>
<tr>
<th>Annual</th>
<th>Total for 8 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash difference</td>
<td>$15,000</td>
</tr>
<tr>
<td>Depreciation + salvage value remaining</td>
<td>$3000</td>
</tr>
<tr>
<td>Cost basis of new tractor</td>
<td>$18,000</td>
</tr>
<tr>
<td>Less estimated salvage value</td>
<td>($4,000)</td>
</tr>
<tr>
<td>Depreciable basis</td>
<td>$14,000</td>
</tr>
</tbody>
</table>

To determine the annual straight line depreciation, use the following formula:

\[
\text{Depreciable basis} = \text{useful life} \times \text{annual depreciation} \]

\[
\text{Annual depreciation} = \frac{\text{Depreciable basis}}{\text{Useful life}} = \frac{14,000}{8} = 1,750.00 \text{ annual depreciation}
\]

Depreciation is actually figured by the month and because you purchased the tractor on 12/1/80 and owned it for only one month, you can only take one month's depreciation or 1/12 of the annual depreciation in 1980. The 1980 depreciation is 1/12 of $1750 or $146.00.

The declining balance method of figuring depreciation allows larger deductions in the early part of the depreciation period. Larger deductions mean less taxable income and less tax in the early part of the depreciation period. With the rate of inflation more than 10 percent and interest rates near 20 percent, a deductible dollar today will be worth 70 cents or less a year from today. Under these conditions, using accelerated depreciation is a good practice, particularly for a grower who is expanding his business.

Three rates of depreciation can be used with the declining balance method; they are: 125 percent, 150 percent and 200 percent of the straight line rate. For details of which rate can be used with different kinds of property, refer to Table 1.

To illustrate the declining balance method of figuring depreciation, we'll use the same new tractor as before:

Example:

<table>
<thead>
<tr>
<th>New tractor purchased 12/1/80</th>
<th>Useful life 8 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash difference</td>
<td>$15,000</td>
</tr>
<tr>
<td>Depreciation and salvage value remaining</td>
<td>$3000</td>
</tr>
<tr>
<td>Cost basis of new tractor</td>
<td>$18,000</td>
</tr>
<tr>
<td>Salvage value $4,000*</td>
<td></td>
</tr>
<tr>
<td>Depreciable basis</td>
<td>$18,000</td>
</tr>
</tbody>
</table>

To figure the annual 200 percent declining balance depreciation, use the following formula:

\[
\text{Depreciation basis — previous depreciation} = \text{undepreciated basis} \times 0.2 \times \text{useful life} = \frac{\text{Depreciation basis}}{\text{Useful life}}
\]

1st year: $18,000 - 0 = $18,000 x 200% (or 2.0) = $4500.00

2nd year: $18,000 - $4500 = $13,500 x 200% (or 2.0) = $3375.00

3rd year: $18,000 - $775 = $17,125 x 200% (or 2.0) = $2531.00

Once again, you owned the tractor for only one month so you can deduct only 1/12 of the first year depreciation or 1/12 of $4500 = $375. Under these conditions, the first and second year depreciation will look like this:

1st year: $18,000 - 0 = $18,000 x 200% (or 2.0) = $4500 x 1/12 = 8 yrs. = $375

2nd year: $18,000 - $375 = $17,625 x 200% (or 2.0) = $4406 x 1/12 = 8 yrs. = $367

* With the declining balance method, salvage value is not subtracted from the cost basis of the new tractor before figuring annual depreciation. Depreciation continues until the remaining value equals $4,000.

** If using the 125% rate substitute 125% or 150% if using the 150% rate.

You may switch from the declining balance method to the straight line method at any time; however, you cannot change from the straight line to declining balance until you receive approval from the I.R.S.

Additional depreciation

You may deduct an additional 20 percent of the cost of farm equipment, machinery, and purchased dairy and breeding livestock if they will have a useful life to you of six years or more. This deduction may be made in the year of purchase regardless what time of the year the property was purchased. The
additional 20 percent depreciation can only be taken on $10,000 worth of property on a separate return or $20,000 worth of property on a joint return.

Example:

New tractor purchased 12/1/80
Useful life 8 years
Cash difference
20% additional first year depreciation
Balance
Depreciation + salvage value remaining in used tractor traded
Balance to be depreciated in the usual manner

If you are filing as a single taxpayer, your additional first year depreciation would be limited to $10,000 of the cash difference of the new tractor or a deduction of $2000 (10,000 x 20 percent). You may not be able to claim the 20 percent first year depreciation if you purchased the property from a relative or others with whom you have a financial interest. If you acquire the property in a trade, only the cash difference paid is eligible for the additional first year depreciation.

Ordinary income vs. long term gain
All income is taxed either as ordinary income or as long term capital gain. Ordinary income is fully taxable while only 40 percent of long term capital gain is taxed. (If you have a large amount of long term capital gain income, you may have to figure an alternative minimum tax in addition to the regular tax.) See the Farmers Tax Guide or your tax advisor for details. Since 60 percent of long term capital gain income is normally excluded from taxable income, it is to your advantage to shift as much income into long term capital gain as possible.

Income from the sale of items such as feeder calves, hay, milk and fed cattle is ordinary income.

Gains or losses from the sale of property held strictly as an investment or property used in your ranching or other business operations may be reported as long term capital gain (or loss) if it meets the following qualifications:

1) Depreciable property such as machinery, equipment and buildings held for more than 12 months.
2) Real property such as land held for more than 12 months and not held regularly for sale to customers.
3) Cattle and horses acquired after 1969, held for 24 months or more, and used for breeding, draft, dairy or sporting purposes. Other types of livestock such as hogs must be held for at least one year.
4) Commodity futures contracts must be held for more than six months.

The holding period for property is based on calendar months. The holding period is computed by excluding the date of purchase and including the date of sale or exchange. For example, if an item is purchased on January 15, then on February 16 the item has been held one month and on March 16, the item has been held two months.

Two dollars of long term capital loss are needed to offset one dollar of ordinary income. However, long term capital losses offset short term capital gains and long term capital gain dollar for dollar. Gain (or loss) on the sale of investment property or property used in your ranching or other business operations held less than the specified period is short term capital gain (or loss) and is fully taxable and losses are fully deductible.

With the cash method of accounting, the cost basis of raised breeding livestock or work horses is zero, because the cost of raising has been deducted

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**Table 1. SUGGESTED GUIDELINES FOR DEPRECIATION OF FARM PROPERTY**

<table>
<thead>
<tr>
<th>Kind of Property</th>
<th>Class of Life</th>
<th>Eligible for Additional 20% Ist Year Depreciation?</th>
<th>Eligibility of Straight Line</th>
<th>Eligibility of Declining Balance</th>
<th>Eligibility of Sum of Years' Digits</th>
<th>Eligible for Investment Credit?</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Machinery</td>
<td>(Yrs.) 10</td>
<td>Yes, if 6 yrs. or more life. Basis: Cash only.</td>
<td>Same as above.</td>
<td>Same as above, except limited to 150% of straight line rate.</td>
<td>Yes, Basis: Cash only.</td>
<td>Yes. Basic Cash plus undepreciated balance of trade.</td>
</tr>
<tr>
<td>Used Machinery</td>
<td>Est. Life</td>
<td>Same as above.</td>
<td>Same as above.</td>
<td>Same as above, except limited to 200% of straight line rate.</td>
<td>Not eligible.</td>
<td>Yes. Basis: Cash only.</td>
</tr>
<tr>
<td>Livestock:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Breeding Dairy</td>
<td>3-10</td>
<td>Same as above.</td>
<td>Same as above, except limited to 150% of straight line rate.</td>
<td>Not eligible.</td>
<td>Yes. Basis: Cash only.</td>
<td></td>
</tr>
<tr>
<td>Horses</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Groves, Orchards &amp; Vineyards</td>
<td>Est. Life</td>
<td>Not eligible.</td>
<td>Same as above except depreciation begins with the income producing stage.</td>
<td>Same as above except depreciation begins with the income producing stage.</td>
<td>Not eligible.</td>
<td>Yes, but eligible only as marketable products are produced.</td>
</tr>
</tbody>
</table>

Limited to a $10,000 cost of property on a single return, a $20,000 cost of property on a joint return.

**Extension Pub. #17 “Income Tax Management for Farmers.”**

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during the years the animals were raised. Thus, with raised breeding livestock and work horses, the selling price less expense of sale is a capital gain.

Example: Sale of a raised beef cow:

Cow born January, 1975
Sold February, 1980
Holding period 5 years

Long term capital gain

50% capital gain exclusion

Taxable income $184.00

In the case of purchased breeding livestock or work horses held the specified period of time, any gain resulting from depreciation taken after 1969 is treated as ordinary income. Gain in excess of that attributed to prior depreciation is treated as long term capital gain.

Example: Sale of purchased beef cow:

Purchased January 2, 1976 for $450
Sold January 3, 1979 for $480
Holding period 3 years
Salvage value $200
Estimated life 5 years
Straight line depreciation $50 per year
Depreciation taken for 1976, 1977, 1978 = $150.00

Sale price $480
Expenses of sale $50 (— 20) = $30 deductible expense
Less undepreciated salvage value $200 (— 200) = not previously deducted
Less depreciation not yet used (— 100) = therefore not subject to tax
Balance subject to tax $160
Recapture of prior depreciation (— 50) = taxed as ordinary income
Long term capital gain $ 10

A different set of rules apply to the recapture of depreciation on real property.

Involuntary conversions

Animals that are sold or destroyed because of disease are considered to be involuntarily converted even though the disease is not of epidemic proportions. You may delay paying tax on the gain from the sale of such animals and/or the proceeds from indemnity payments, as in the case of the brucellosis eradication program. To delay paying tax, you must replace the involuntarily converted animals with similar animals within two years from the close of the tax year in which the animals were sold or destroyed.

If, as a result of environmental contamination, it isn’t feasible to replace involuntarily converted livestock with other livestock, you may be able to replace the involuntarily converted livestock with other types of farm property.

Casualty and theft

Should you lose business property to casualty or theft you may have either a deductible loss, no deduction, or taxable income depending on the circumstances. If you, as a cash basis taxpayer, lost a steer calf raised for sale, to a lightning strike, and had no insurance coverage, you could not claim a deduction. This is because the expense of raising the calf had already been deducted as operating expenses. If you had purchased the animal for $200, you would be able to deduct the $200 cost from ordinary income. If you were insured and received $225 from the insurance company, you would report $25 as ordinary income ($225 insurance — $200 original cost) for the purchased calf.

The same rules would apply to raised and purchased breeding livestock. For example, a cow you purchased in 1977 for $400 is stolen in 1980. You have claimed $150 of depreciation before her loss and your insurance company pays $200 for the loss. The deductible loss in this case is the adjusted basis ($400 purchase price — $150 depreciation = $250) less the insurance proceeds of $200 or $50.

If insurance more than covers the adjusted basis, a gain is realized. The same rules discussed earlier for determining if the sale or exchange of animals results in ordinary income (or loss) or capital gain (or loss) applies to the treatment of gains (or losses) due to casualties or thefts.

Investment credit, energy credits

Investment credit is a direct credit against your tax. The purpose of the investment credit is to encourage investment in more efficient machinery, equipment and livestock. The investment tax credit rate is 10 percent of the eligible proportion of investment. The 10 percent rate was scheduled to decrease to 7 percent on January 1, 1981, but the 10 percent rate has been retained and made permanent. To qualify, preproperty must be depreciable tangible, personal property or other tangible property (except buildings or their structural components) that has a useful life of at least three years and was placed in service in the business during the year.

Examples of qualifying property commonly found on farms and ranches in Florida include: Machinery and equipment; Manure handling equipment; Pumps and wells used for watering cattle and/or irrigation; Fuel storage tanks and pumps; Fences, corrals, chutes, concrete in corrals, holding pens and feed bunks; Grain storage bins; Silos; Purchased animals held for dairy and/or breeding purposes; Single purpose livestock buildings or structures; Income producing orchards, groves, or vineyards; Automobiles, trucks and trailers. If used partly for business, the investment must be divided between business and non-business; Farm office equipment (filing cabinets, calculator, desk, chairs, bookshelves, etc.); Qualified new leased property, provided the owner of the property elects to pass through the investment credit to you. The property must be eligible for investment credit and the owner credit.

Property that will not qualify for investment credit include: livestock purchased for resale, feed inventory, land, horses, and building easily adaptable to different uses.

The amount of your investment eligible for investment credit depends on the useful life of the investment. The useful life for investment credit is determined by the depreciation period. The following table shows the proportion of your investment eligible for investment credit for a given useful life.

<table>
<thead>
<tr>
<th>Proportion of Investment</th>
<th>Useful life</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>years later</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>5 — less than 7 years</td>
<td>2/3</td>
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<td>3 — less than 5 years</td>
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<tr>
<td>Less than 3 years</td>
<td>7/7</td>
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Example: Purchased new pickup truck; Cost $8500; Useful life four years; Investment eligible for credit — 1/3 x $8500 = $2833; Investment credit — $2833 x 10% = $283.

For the 1980 tax year the amount of investment credit allowable is $25,000 of the current year’s tax liability plus 70 percent of the tax liability in excess of $25,000. For 1981 the maximum will be $25,000 plus the excess over $25,000 and for 1982 it will be $25,000 plus 90 percent of the excess over $25,000.

If property is disposed of before its useful life, as originally claimed, has expired, the excess investment credit must be recaptured. To figure the amount of recapture, simply recalculate the credit based on the actual useful life, then subtract this amount from that originally claimed. The difference is the credit recaptured and should be added to the tax liability for the year in which the property was eliminated from the business. As in the case of depreciation recapture, there is no penalty or interest charge; consequently, recapture is similar to repayment of an interest free loan from the government.

Two additional rules you should be aware of include: first, the six-month rule that applies to purchases of qualifying livestock. If during a one-year period starting six months before and ending six months after the date of acquisition, substantially identical livestock is disposed of without any investment credit recapture, the credit will be allowed only on the excess of the cost of the acquired livestock over the amount realized on the disposition.

For example, suppose you sold a breeding bull for $500 (without investment credit recapture) and six months later bought another bull for $1500, the qualifying investment would be $1500-$500, or $1000. Sex, age and use are the criteria used in determining if animals are substantially identical. The second rule is that investment credit cannot be claimed on used property if: (1) before you purchased the property you had used it (e.g. a lease-purchase agreement); (2) you purchase the property from a close relative or business associate (e.g. spouse, parents, children, partner). However, a purchase from a brother or sister does qualify.

Energy investment credit

Energy investment credit on new, eligible energy property is available at a 15 percent rate. This is an increase over the 10 percent business energy credit available in 1979 and is retroactive to
January 1, 1980. Energy property may qualify for both the 15 percent business energy credit and 10 percent investment credit if it meets the requirement for both. A windmill for pumping livestock water would be eligible for both business energy investment credit and regular investment credit.

For details about business energy credits, see I.R.S. publication 572 “Investment Credit.” Copies are available at your local I.R.S. office or by calling 1-800-241-3860 toll free.

Net operating losses
If there were years when your income was not large enough to cover expenses you may be paying more tax than is required by law, unless you have taken advantage of the net operating loss provision. Under this provision, net operating losses one year can be used to reduce farm income in other years. Although business losses are usually the most important factors in operating losses, other types of income and deductions must be considered to determine the net operating loss deduction.

Special rules are used to figure your net operating loss and to make adjustments. Consult a qualified tax consultant or I.R.S. publication 535 “Business Expenses and Operating Losses” for details.

In general, losses are first carried back three years and then forward up to seven years, if needed. The carryback provision allows a refund of all or part of the tax previously paid. You may file a claim on or before the 15th day of the 40th month following the close of the year when you had a net operating loss. In other words, if you are a calendar-year tax payer and you had a net operating loss in 1977, you have until April 15, 1981, to file a claim, if you have not previously done so. You may also file a claim for losses incurred in 1978, 1979 or 1980 if you have not previously filed.

Tax saving tips
1) Plan to have enough income to cover the allowable non-business deductions and personal exemptions. For 1980 (unless changed by Congress) this will be $1000 x the number of exemptions plus $3400 standard deduction for a married couple filing jointly or qualifying widow(er), $2300 for single or head of household, or $1700 for married persons filing separate returns. (If itemized deductions exceed these amounts, use itemized figures.) For example, a married couple with two dependent children would need $1000 x 4 (husband, wife and two children) = $4000 plus $3400 standard deduction or $7400 income to cover their personal non-business deductions and personal exemptions. If their income is less, they lose the benefit of the deduction and exemption and cannot recover it in another year.

2) If reporting on the cash basis, avoid extremely high or low taxable income by shifting income and expenses between present year and next. Leveling income fluctuation avoids paying tax at higher rates in years of high income and perhaps losing full advantage of personal exemptions and deductions in years of low income.

3) Write depreciable items off as fast as possible. With inflation exceeding 10 percent per year and the interest rate up near 20 percent, a dollar of deduction this year will be worth only about 70 cents next year. To take full advantage of investment credit on items with a useful life of seven or more years, use the declining balance or sum of the year’s digits method of depreciation. You can change from one method to a straight line during the life of the asset but not from a straight line method to an accelerated method without approval from the I.R.S.

4) If you have children at home who are old enough to work, pay them for work performed in the business. There must be a true employer-employee relationship. As long as a child qualifies as a dependent you can claim $1000 exemption on your return and child can claim $1000 exemption plus $2300 standard deduction for a total of $3300 on his/her own return. However, if child has more than $1000 in unearned income such as interest, dividends, trust distributions, capital gain and survivor annuities, he/she cannot claim the $2300 standard deduction and must itemize deductions.

5) Transfer income producing property, land, animals, or machinery to children and let them report earnings from their labor and capital. The transfer must be legally binding. This will keep income in the family and reduce the amount of income subject to tax. Also, it may be a good way to interest son or daughter in taking over the business. The same amount of money is excluded from tax as mentioned in item 4 above.

6) For calendar year tax payers, file tax estimate by January 15. This will delay the time of filing from March to April and let some pressure off of your tax consultant and hopefully permit him/her to do a better job on your return and save you tax dollars.

7) You may deduct land clearing expenses up to 25 percent of taxable income from farming but not more than $5000. Taxable income from farming includes gross income from production of crops, livestock, fruits or other agricultural products. Expenses in excess of the claim of $1000 exemption plus $2300 standard deduction may be added to the basis of the land and not recovered until the land is sold or otherwise converted. If the land is held less than 10 years, some or all of the land clearing expenses previously deducted will be subject to recapture as ordinary income.

8) Soil and water conservation expenses of a capital nature may be deducted up to 25 percent of your gross income from farming during the year. If your deductible soil and water conservation expenses are more than 25 percent of your gross income from farming during the current year, you may carry over unused deductions to future years but deductions in future years cannot exceed 25 percent of gross income from farming in that year. Some or all of the deductions taken for soil and water conservation will be subject to recapture as ordinary income if the land is held for less than 10 years.

9) If you are selling real estate and not planning to replace with similar property, consider an installment sale to spread the income over a period of years to avoid high income and a heavy tax burden in one year. Be sure to specify reasonable interest rate in the contract or I.R.S. will assume interest at the current prime rate.

10) If your taxable income is high and expected to remain high, consider setting aside some taxable income in a tax deferred retirement plan. You can cover yourself and your employees under an H.R. 10 or Keogh plan. Qualified plans allow you to deduct annually up to 15 percent of net earnings from self-employment up to a maximum of $7500. You may be able to set up your own Individual Retirement Account (IRA) and deduct up to 15 percent of your net earnings each year up to $1500. See your tax advisor for details.

11) If your income is greater than 30 percent of your total taxable income from the past four years by $3000, you may save money by using income averaging.

12) Note on deposit slips all gifts, borrowed money, savings bonds cashed, loans you have made to other people that are repaid and other non-taxable income, so if you are audited, these amounts can be readily excluded from taxable income.

13) When you telephone I.R.S. for an opinion on a tax matter always note the agent’s name, plus the date and time you talked with the agent. If you follow the agent’s advice and the I.R.S. later questions the way you handled the item, you can refer to the agent who gave you the advice. You may not avoid additional tax but may be able to avoid a penalty.

14) If the I.R.S. loses your tax return, you must prove that you actually filed a return. Sending your return registered mail with a return receipt and keeping the receipt may be good insurance.

15) Don’t overlook deductions for business use of home and auto.

16) Ranchers can report sale of raised breeding stock held for more than two years as capital gain and pay tax on only 40 percent of the proceeds. Ranchers in higher tax brackets may want to breed more heifers for replacements and cull more non-breeders and poor producers from the herd.

17) If you have timber on your land, see if you can handle the sale so income (Continued on page 102)
CROOKED LAKE RANCH
Registered Polled Herefords
Victor Dominos
Pat Wilson, Inc. 813/635-4804 Bus.
Owners 813/635-3787 Res.
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Performance is our Business.

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Performance Tested Bulls Available
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P. O. Box 755
Howard—912/552-3012
Sanderseville, GA

Polled Hereford Range Type Purebred Bulls
Using 2 sons of J3-212, also 1 son of WP Victor H 125 W497.
J. L. Wetherington
912/242-4721
2201 Newbern Dr., Valdosta, Ga. 31601

FLORIDA STATE FAIR
DORRELL Polled Herefords of Indiana showed the grand champion Polled Hereford female at Tampa.

POLLED HEREFORD breeders compete at West Palm and Tampa shows
Results of the open Polled Hereford judging at the Florida State Fair, Tampa, and the South Florida Fair, West Palm Beach, listed to the first three places with number of entries shown in parentheses, follow:

Tampa
Spring heifer calves (5)—DPH Ms Elegance 72M (grand champion, calf champion), Dorrell Polled Hereford Farms, Greenwood, Indiana; C & H Victra 212D35, C & H Farms, Sandersonville, Georgia; RMF Sunny Girl K7, Rolling Meadow Farm, Trenton.
Junior heifer calves (9)—C & H Victra Ned D31 (reserve grand champion, reserve calf champion), C & H Farms; C & H Victra Ned D83, C & H Farms; SFR Victor Maid 129L, Bailes Ranch; Ft. Pierce.
Winter heifer calves (7)—DPH Adamma L737 (junior champion), Dorrell Polled Hereford Farms; SFR Advanette 268L, Bailes Ranch; SFR Victor Maid 129L, Bailes Ranch; Late summer yearling heifers (1)—DPH Anevay L601 (reserve junior champion), Dorrell Polled Hereford Farms; Early summer yearling heifers (2)—D T Top Girl 169L, C & H Farms; SFR Ms Enforcer L19, WJR Polled Hereford, Alachua;
Late junior yearling heifers (1)—C & H Victra 16EC39 (reserve senior champion), T & R Farms, Webster.
Early junior heifer calves (3)—SFR Oakridge Miss 30 (senior champion), Bailes Ranch; TJR Moruanda J915, Margaret Bryan, Lakeland; MHR Ldy Victoria 198, T & R Farms.
Spring bull calves (5)—C & H Victor Ned D118, C & H Farms, RMF Sunny Boy K5, Rolling Meadow; BR Victor U817, Bailes Ranch;
Junior bull calves (2)—DPH Sakima 100M (reserve calf champion), Dorrell; C & H Victor Ned D21, C & H Farms; Winter bull calves (4)—Dorrell’s Vic 12H (calf champion), Dorrell; SFR Advantage 66L, Bailes Ranch; FR Victorious 92L, Bailes;
Late summer yearling bulls (2)—C & H Prime Minister (grand champion, junior champion), C & H Farms; Chief Justice (reserve grand champion, reserve junior champion), Dorrell;
Early summer yearling heifers (1)—FIS Enforcer 9120, Robert Lee, Quincy;
Early junior yearling bulls (2)—WJR Enforcer 107HL10 (senior champion), WJR Polled Herefords; EBG Innovator 20IK (reserve senior champion), WJR;
Get of sire (4)—C & H Farms; Bailes; Calf get of sire (4)—Bailes; Bailes; Best six head (4)—C & H Farms, Dorrell, Bailes.

West Palm Beach
Spring heifer calves (3)—RMF Sunny Girl K7, Rolling Meadow Farm, Trenton; BR Lady Trend U815, Bailes Ranch, Ft. Pierce; BR Miss Vicki U814, Bailes;
Junior heifer calves (6)—SFR Adgudette 41M (junior champion, grand champion), Bailes; SFR Advantage 66M (reserve junior champion, reserve grand champion), Bailes; RMF Enchantress K2, Rolling Meadow Farm;
Winter heifer calves (6)—SFR Advanette 268L, Bailes; SFR Victor Maid 129L, Bailes;
Spring bull calves (3)—RMF Sunny Boy K5 (junior champion), Rolling Meadow; BR Victor U817, Bailes; BR Victor U818 (reserves champion, grand champion), Bailes;
Winter bull calves (3)—SFR Victorian 92L (reserve junior champion), Bailes; RMF Enforcer 1074 J7, Rolling Meadow; SFR Advantage 66L, Bailes;
Early summer yearling bulls (1)—FIS Enforcer 9100 (senior champion, grand champion), Bob & Marshall Lee, Tallahassee;
Get of sire (3)—Bailes; Bailes; Best six head (2)—Bailes.

Harden scores in NCHA event
Spencer Harden, Sorrento, riding Lupe Quixote tied for seventh and eighth place in the Non-Professional Futurity of the National Cutting Horse Association.

He tied Price McLauchlin of Saginaw, Texas, riding Miss Rey Lena. Both contestants had 217½ points to earn each of them $2310 and a trophy buckle.
Marketmen set annual meeting

The 30th annual meeting of the Florida Association of Livestock Markets is slated for March 20-21 at the Gainesville Hilton, Gainesville.

As in the past the program calls for a social get-together beginning at 6:30 p.m., Friday evening, followed by a dinner hosted by the Florida Beef Council. FBC chairman is Andy Tucker of Rockledge.

An executive business session will get underway at 8:30 a.m., Saturday, March 21 with the general meeting starting at 10:00 a.m. A number of guests are expected to be on hand for the general session to give comments on the marketing segment of the livestock industry.

Topics expected to be under discussion include the current brucellosis program as it affects the marketing sector; proposed changes in the Packers & Stockyards Administration designed to reform and modernize livestock marketing legislation at both the federal and state level, along with other items pertinent to the industry.

National representatives expected to attend the Gainesville meeting include C. T. ‘Tad’ Sanders, general manager of Livestock Marketing Association, Kansas City, Missouri; Bruce J. Johnson, Atlanta, Georgia, associate manager of LMA and executive secretary of the Florida trade group, and John Hawkins, Monticello, second vice president of LMA and a member of FALM.

Current president of FALM is L. H. Thompson, Jr., Gainesville. Vice president is Robert Ray Smith of Wauchula.

According to USDA 1981 fertilizer use will be up somewhere like 54.7 million tons, up four percent from the previous high of 52.6 million tons set in 1980.

USDA reports citrus output is seen down from a year ago at 16.3 million tons, which is one percent off from last year.
Cattle situation viewed by NAAB members

Cattlemen attending the 1981 NAAB Beef A.I. Conference in Denver, Colorado, January 17, appeared optimistic, but cautious as they heard researchers and ranchers speak on the current cattle situation and the progress being made on new studies. The conference was sponsored by the National Association of Animal Breeders and the NAAB Beef Development Committee.

The conference was opened with the statement that the beef industry is becoming more unified in its production goals and the semen producing businesses are making substantial investments in sire, programs, and people to better service the needs of the industry.

The first session dealt with innovations with estrous synchronization. Larry Corah, Virginia State University, reviewed his research with various systems using prostaglandin. His conclusions were that “no particular system appears to offer any advantage in terms of overall effectiveness, rather you should use the system that best fits your breeding program.”

Fifty-seven percent of the cows in the study that showed heat conceived on first service. Corah believes lack of estrous activity in the beef female early in the breeding season is one of the major problems facing the beef industry. The Kansas research confirmed that the major reasons cows fail to come into heat are poor nutrition before and immediately following calving, insufficient number of days postpartum before breeding, and that certain age groups of beef females have more problems coming into heat.

Corah concluded by examining some of the techniques and drugs that could be used in the future to shorten the breeding season by bringing cows into heat earlier.

Estrous synchronization was also discussed by Keith Inskeep, West Virginia State University. His research has centered on improving synchronization results with the drug, Estradiol Benzoate. Even though further studies are needed before it will be commercially available, Inskeep stated in one study the number of cows in heat 56 to 88 hours after injecting progesterone was significantly improved from 56 to 77 percent by administering Estradiol Benzoate along with the prostaglandin.

Robert Bellows from the USDA-SEA Research station in Miles City, Montana, spoke on the effect nutrition has on birth weight and calving difficulty. He reported that 80 percent of the calves that die do so at birth or shortly thereafter. Bellows’ study also showed that calving difficulty has an effect on the fertility of the dam, a major cause of difficult births is disproportion between the cow and calf, and interesting enough, geographical location affects birth weights. In one study, calves born in Florida weighed 11 pounds less than those born to a genetically similar herd in Montana.

Bellows reported they are now studying the relationship between calf birth weights and the level of crude protein in the ration of the pregnant heifer.

Considerable attention also focused on studies done by Bellows on the Konefal Method of timing calving. The method involves feeding at certain times so that cows are more likely to calve during daylight hours. Bellows stated the results look promising, but suggested “don’t give up the night crew yet.”

Garry Hullinger, a feedlot owner from Nebraska gave his opinion in regards to the new feeder calf grades. Hullinger believes the new grades are a step in the right direction, however, they are not being used to a great extent. He emphasized many factors go into pricing, especially the personal relationship between the supplier and buyer and what kind of program the cattle will be going into.

Rod Bowling, a corporate officer for Monfort of Colorado, Inc., concluded the conference by speaking on packer buyer preference. He emphasized the variation in the cattle population has advantages and disadvantages, and that cattlemen must learn to manage it.

“I’m afraid we are creating an inefficiency in the industry that we can’t long survive by having cattle yield too high with excess fat.” Bowling stated he believes the right kind of grading system will help the industry gain genetic potential and rate of gain efficiency by going to the larger frame cattle and by slaughtering them at lighter weights with less fat.

Bowling also emphasized that cattle must be uniform to compete in today’s decentralized marketing system.

Blackmon heads Sarasota stockmen

Boyce Blackmon, Sarasota, heads the Sarasota County Livestock Association with Carl E. Askins, Sarasota, serving as vice president.

Secretary is Charles B. Fulton, Jr., and treasurer is Maurice Combee, both of Sarasota.

State director is B. T. Longino, Sarasota, and alternate state director is Mabry Carlton, Jr., of Arcadia.

Local directors, all from Sarasota unless otherwise indicated, include: Arlin Hawkins; John Albritton; Charles Vann, Jr.; Alex Fulford, Englewood, with F. W. Alday serving as director to the county fair.

Commercial red meat output in Florida for December 1980 was 17.3 million pounds, down seven percent from December 1979, the Florida Crop and Livestock Reporting Service says.
Brangus bulls average strong $1522 at Tifton

Seventy-two head of Brangus bulls turned in a $1522 average per head at the annual Southeastern Brangus Breeders Bull Sale, held January 14, at Tifton, Georgia. The sale grossed $109,550.

Final sale tabulations showed Turner Cattle Company, Arcadia, listed as one of the volume buyers. Turner purchased nine bulls for $9800, an average of $1089 each. The Florida company was the second high volume buyer at the event. Other Florida buyers were L. H. Gill, Live Oak; Brown and Brown, Oxford; Rogers Brothers, Highland City; Big Cypress Ranch, Immokalee; Smith Brothers, Wacahoota; S. D. Sanders, Jackson ville; Bobby Howell, Jennings; J. C. Cone, Greenville; and Turner Coates, Fort Pierce.

Top volume buyer was H. C. Dodson, Tifton, Georgia, with purchases totaling $14,350 for seven head, an average of $2050 each.

Top selling bull was purchased by Dodson for $4600. The bull, GKD Pistol, a January, 1989, son of MCG Getze 20/5, was consigned to the sale by Graham K. DuBose, Rembert, South Carolina.

Sale chairman was Dave Schubert, Crystal Springs, Mississippi. The sale was managed by Syler Sales Management, Burton, Texas. Gerald Bowie, West Point, Georgia, was auctioneer.

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

H. C. Dodson, Tifton, Georgia (7) $14,350; Turner Cattle Company, Arcadia (9) $9800; Big Cypress Ranch, Immokalee (5) $7100; Riley Farms, Ashland, Alabama $1800; Hagner Farms, Kingston, Texas $1950; Harrell & Soo, Haynesville, Alabama $2450; Carl Youngblood, Sylvester, Georgia $1700; L. H. Gill, Live Oak $3400; Edwin Watkins, Elmore, Alabama $1200; Brown & Brown, Oxford (3) $3600; Meadowbrook Farm, Georgetown, Tennessee $2050; Rogers Brothers, Highlands City (3) $6150; Robert Copel, Marion Juncton, Alabama (8) $9600; Harry White, Alamo, Georgia (2) $3180; Pratt Farm, Eutaw, Alabama $1400; Frank Campbell, Livingston, Alabama (4) $5750; Bud Nixon, Livingston, Alabama $1650; Smith Brothers, Wacahoota (4) $4000; S. D. Saunders, Jacksonville (2) $4800; Cripple Pine, Whitesville, Georgia (2) $3300; Bobby Howell, Jennings $1250; Almon Ranch $700; Charles Payne, Americus, Georgia $1550; J. C. Cone, Greenville (3) $3500; Turner Coates, Fort Pierce $2000; Hubert Halden, Ashland, Alabama $2000; L. D. Burbank, Leesburg $1150; M. H. Young, Bebeon, Georgia $2150; Indian Creek Plantation, Covington, Georgia $2100; James Swill, West Point, Georgia $1300; R. J. Mitchell, Quitman, Georgia $1800.

Volusia association holds election

Members of the Volusia County Cattlemen's Association elected W. L. Thompkins, Pierson, as president for the new year. Named to the vice presidency was Ernest Cone, DeLand.

Treasurer is Elvin Daugharty of DeLand, and secretary is Mickey McDaniel, DeLand.

Serving as state director will be David Daugharty of DeLand.
GRAND champion Brangus female at the Florida State Fair was shown by Great Southern Ranches.

Martin, Maywood, Great Southern win Brangus championships.

Complete results of the open Brangus competition at the Florida State Fair, Tampa, and South Florida Fair, West Palm Beach, listed to three places with number of entries shown in parentheses, follow:

**Tampa**

Late junior bull calf (1)—HD Cactus Jack, Donald Smith, Ocala;
Early junior bull calf (3)—WSF Rocky Joe, White Springs Farm, Lake City; GP 300 Champ 162; Great Southern Ranches, Purvis, Mississippi; No name, Paul Hayman, Kenansville;
Late senior bull calf (1)—No name, Hayman;
Early senior bull calf (4)—MWF Rocky 100/5 (bull calf champion), Maywood Farms, Bardstown, Kentucky; BC 25 (reservve bull calf champion), Beaver Creek, Sylvania, Georgia; GP 300 Champ, Great Southern;
Senior yearling bull (2)—MWF Rocky 748 (grand champion, senior champion, champion, Martin’s Casa Grande, and Cunorah Hills, Lake City; GPN 300 Champ 662 (reserve grand champion, reserve senior champion), Great Southern;
Two bulls (4)—Martin, Maywood and Cunorah Hills;
Senior yearling bull (2)—MWF Rocky 748 (grand champion, senior champion, champion, Martin’s Casa Grande, and Cunorah Hills, Lake City; GPN 300 Champ 662 (reserve grand champion, reserve senior champion), Great Southern;
Two bulls (4)—Martin, Maywood and Cunorah Hills;
Late junior heifer calf (2)—WPH Patty Too, Hayman; MWF 1/0, Martin and Maywood;
Early junior heifer calf (1)—GP Lady Oscar 157-164 (reserve grand champion, reserve calf champion), Great Southern;
Early senior heifer calf (2)—GP Lady Oscar 157-164 (reserve grand champion, reserve calf champion), Great Southern;
Early summer yearling heifer (1)—Miss MWF Rocky 329 (reserve champion), Martin’s;
Late junior yearling heifer (1)—Miss MWF Rocky 329 (reserve champion), Martin’s;
Late junior heifer calf (1)—Miss MWF Rocky 329 (reserve champion), Martin’s;
Two females (2)—Great Southern; Martin’s;
Get of sire (3)—Martin, Maywood; Great Southern; Hayman.

**West Palm Beach**

Late junior bull calf (1)—HD Cactus Jack, Donald Smith, Ocala;
Early junior bull calf (4)—WSF Rocky Joe 11/0 (reserve bull calf champion), White Springs Farm, Lake City; WPH Titan, Paul Hayman, Kenansville; GP 300 Champ 162, Great Southern Ranches, Purvis, Mississippi; No name, Paul Hayman, Kenansville;
Late senior bull calf (1)—WPH Majestic, Hayman;
Early senior bull calf (2)—MWF Rocky 1009 (junior champion, reserve grand champion), Hayman, Lake City; GP 300 Champ 7/5, Great Southern;
Senior yearling bull (2)—MWF Rocky 748 (grand champion, senior champion), Martin’s Casa Grande, Lake City; GP 300 Champ 662 (reserve senior champion), Great Southern;
Two bulls (5)—Martin and Maywood; Great Southern; Maywood;
Hayman;
Early junior heifer calf (2)—WPH Patty Too, Hayman; MCF Miss Rocky, Martin’s;
Early junior heifer calf (1)—GP Lady Oscar 157-164, Great Southern;
Early senior heifer calf (2)—GP 300 Lady Champ 50/5 (calf champion, reserve grand champion, Great Southern; GP 157 Lady Oscar 74/5 (reserve champion, Great Southern;
Early summer yearling heifer (1)—Miss MWF Rocky 329 (reserve champion), Martin’s;
Late junior yearling heifer (1)—Miss MWF Rocky 329 (reserve champion, Great Southern; Martin’s;
Early junior yearling heifer (1)—7/9 MCF Lucky Lady, Martin’s;
Two females (1)—Great Southern; Martin and Maywood; Martin’s;
Get of sire (3)—Martin, Maywood; Great Southern; Hayman.

Cattle and calves on feed in the seven monthly states totaled 7.86 million head, off seven percent from a year earlier and 15 percent lower than January 1, 1979, the Crop Reporting Board says.

USDA reports cattle feeders intend to market 6.29 million head during the January-March quarter of 1981.
Suspensions give you the best of both

30-0-0-3
(Nitrogen) (Sulfur Sulfate)

This is the ratio grasses use of nitrogen and sulfur to assimilate amino acids that are required in the manufacture of protein. This perfect balance is best in fluid fertilizer form because it can be quickly absorbed by hungry grass roots. This perfect balance produces much more protein in forage than nitrogen alone.

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Jack Jones, 305/889-3597, Ellis Knoy 305/323-3868
Mike Dressell 813/465-0834
The following article summarizes a few of the key legislative and regulatory issues of concern to the National Cattlemen's Association. With a new Congress (the 97th) and a new administration, we can expect some new or revised legislative and regulatory proposals and actions.

**Animal health and identification**

"Animal Rights" activists are beginning to work against the use of today's more cost-effective livestock and poultry production methods. Legislation to control animal husbandry practices have already been passed in other countries. First, they will work onveal calf raising methods and cage egg production and the cosmetic industry's use of animal tests. Next in priority will be pork production, followed by beef.

NCA and affiliate groups have been active in seeing that the Brucellosis Uniform Methods and Rules are practical and workable. Of immediate concern is the reclassification of states into A, B, or C status. Most cattle states will be "B" states, which will mean two tests, whether cattle are moved within a "B" state or across state lines.

In the area of medicated feeds, NCA continues to work to keep FDA from imposing the same red tape and regulations on livestock operators who mix feeds, as are imposed on commercial feed manufacturers.

**Beef cattle research**

The industry must work to see that emphasis on agricultural research is restored. Funding of ag research has declined in real terms, to the detriment of the public as well as cattlemen. Adequate research is needed to help cattlemen improve their efficiency and their returns.

**Beef promotion, consumer relations**

A majority of cattlemen said "no" to research and information programs as proposed in the Beeferdum. However, a subsequent survey indicated that most cattlemen definitely want a beef program. NCA has taken a leadership role in seeing that the industry moves toward a broadly supported, more adequately funded program, based on state check-offs legislated and voluntary.

The diet-health controversy and rising beef prices will continue to the top concerns of consumers. NCA, and the total cattle and livestock industry, must do all they possibly can to help resolve and bring understanding to these issues.

**Environmental management**

Hopefully, the new administration will place less emphasis on extreme environmental regulations. However, the industry must continue its efforts to retain the use of 2, 4, 3-T and other chemicals used in pest and weed control and range, pasture and crop production.

Certain emphasis will also be given to develop a model code for use by states in dealing with the recycling and utilization of animal waste as a component of feeds.

**Foreign trade**

Expansion of meat exports will receive strong support from NCA. Most of that support will go to the U.S. Meat Export Federation in its efforts to expand overseas markets. Efforts must also continue on the political front, in order to reduce or eliminate non-tariff barriers against U.S. beef.

**Grading and Inspection**

The year 1981 will see further review of the beef grading system, with an eye toward improving the standards in order to encourage the production of leaner beef and discourage production of waste, trimmable fat. Some fat is necessary to provide the palatability desired by the public, but excessive trimmable fat is expensive to produce and is not wanted by most consumers.

**Marketing**

NCA is opposed to any government interference in the area of beef pricing and reporting. Thus far, the industry has complied with many of the recommendations proposed by the USDA Evaluation and Consultation Group. The group encouraged continued monitoring of the futures markets by the Packers & Stockyards division. It recommended legislation requiring traders to respond to USDA Market News Service requests for price information.

Congress has toyed with a number of legislative proposals that would affect futures markets. One proposal would have both the Securities and Exchange Commission and the Commodity Futures Trading Commission regulate the futures industry. NCA has supported an effort to get a cattlemen appointed to the CFTC.

**Private lands and water**

NCA supports the concept of state control over water and the Constitutional rights of ownership of private lands. One thing NCA will push for is an administrative review of the Resources Conservation Act (RCA) to reflect livestock industry concerns.

**Public lands**

A stormy conflict with the Department of Defense over siting of the proposed MX missile system will be a top item of business this year. NCA will also push for legislative and administrative review and refinement of wilderness grazing management policies.

**Tax**

The pendulum is now swinging in favor of capital formation and toward tax policy which will encourage rather than discourage savings and capital investment. Legislation will center on simplifying and accelerating depreciation, expanding investment credit, and further lifting the capital gains tax burden.

NCA also will be involved in 1981 in indexing the tax system for inflation, exempting farm trucks and trailers from the highway use tax, exempting farm and horse trailers and truck chassis from federal excise taxes, preventing IRS from taxing certain fringe benefits and from treating contract farm workers as employees with respect to tax withholding, and seeking relief for royalty land owners from the "windfall profits" tax.

One proposal which would hurt NCA would provide for taxing that portion of association dues spent on lobbying. IRS also has tried to outlaw deduction of certain fringe benefits and from treating contract farm workers as employees and include the capital gains tax.

**Transportation**

Most legislation to be introduced in 1981 will be directed toward needed changes in energy bills passed by the 96th Congress. Unfortunately, legislation passed by the last Congress further expanded the role of government in virtually all phases of energy production and marketing. Apparently, an effort may be made to dismantle the Energy Department. It is also anticipated that greater access to the energy resources on public lands will be forthcoming under the current administration.
Bang's funds for vet payments in limbo

Recent disclosure that federal funds to pay private practitioners for vaccinations performed under the accelerated brucellosis program in Florida have been suspended has slowed the program at the farms and ranches, according to W. G. "Kayo" Welles, Arcadia, FCA president.

Welles met with Dr. Paul Becton, USDA, chief of the nation's brucellosis program during the National Cattlemen's Association annual convention in Phoenix, Arizona, in early February to discuss the Florida problem. At that time, Becton indicated he would pursue the issue and determine if funds could be shifted to cover the amount needed to continue the use of private practitioners.

It is expected Becton will coordinate the action with Dr. C. L. Campbell, state veterinarian in Tallahassee.

Dr. Larry Gore, executive director of the Florida Veterinary Medical Association with headquarters in Orlando, told The Cattleman that his organization would support the need for the required funding if that is what the industry wants.

At the Phoenix meeting, NCA's animal health committee presented a resolution which was adopted concerning the national brucellosis program. One of the points included was "Adequate funding of the cooperative state-federal program, so long as it is effective and acceptable, to assure the disease is brought under control."

Also under supplemental appropriations, it was noted that the Congress has failed to appropriate the level of funding for the brucellosis program as supported by NCA and the states, which does not allow the state to meet their expanded requirements for testing, vaccination, depopulation and indemnity. NCA recorded that it supported a supplemental appropriation for the remainder of FY 1981 sufficient to meet those needs.

Pasco names Sanders to prexy slot

Members of the Pasco County Cattlemen's Association elected Robert Sanders, Dade City as president for the coming year at the annual meeting held recently.

Vice president is Mark Weeks, Dade City; secretary is Marion Ruffing, San Antonio, and treasurer is Randy Barthle, Dade City.

State director is Joe Barthle, Dade City.

Local directors are Bert F. Edwards, Tribby; Vernon Hill, Zephyrhills; H. C. Douglas, Zephyrhills, and Randy Barthle.

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K & M LIMOUSIN showed the grand champion female at Tampa and West Palm Beach.

JIMMY FRANKS exhibited the grand champion Limousin bull at the Florida State Fair.

Congdon, K & M, Johnson, Johnting share Limousin wins at two fairs

Complete results of the adult Limousin cattle shows held recently at the Florida State Fair, Tampa, and the South Florida Fair, West Palm Beach, listed to three places with number of entries in parentheses, follow:

Tampa
Spring heifer calves (5)—Black Lady (reserve grand championship, junior champion); Kenney Johnting, Jr., Lakeland; Miss Ellie; Carl Johnson, Brandon; Miss Kristin, Johnson.
Junior heifer calves (4)—Carmen, K & M Limousin, Lakeland; AEW, Crescent Ranch, Kissimmee; Lee’s Miss Jessica, Jim Franks, Lenox, Georgia.
Winter heifer calves (3)—Miss Simmons 0401; Tjong’s Limousin Corral, Lakeland; Miss Announcer 91L, Charles A. Congdon, Haines City; ARFM Rockette 28L, Twila Chamberland, Parrish.
Senior heifer calves (3)—Polled Princess (reserve junior champion), Tjong’s; Miss Sudbrink, Congdon; Lee’s Miss John Lee Pending, Franks.
Spring yearling heifers (1)—Ginger 902 (grand champion, senior champion), K & M; Miss Sir 04L (reserve senior champion), Rossia Farms, Ocala; Lazy Lady 3082, John Dzinski, Dover; K’V Echo Rainbow, Shari Olive, Lake Helen.
Two females (4)—K & M; Johnson, K & M; Spring bull calves (1)—LeRoy 52, Warren J. Cason, Lakeland;
Junior bull calves (3)—Mr. K & M O6M (reserve calf champion), K & M; Mr. Okie 01, Johnson, Chief Redman 51, Histock Limousin Ranch, Lakeland;
Winter bull calves (2)—Mrs. Gingerbread 27L, D. James Pennington; Black Gem, K & M;
Senior bull calves (3)—Mr. Roe 12L (grand champion, calf champion), Frank; General Lee F18L, Frank; Hanchons Pride 041, Congdon;
Spring yearling bulls (2)—Mr. Keyed UP 124L, reserve grand champion, junior champion; Johnson, Mr. Keyed UP 137L (reserve junior champion), Congdon;
Two year-old bulls (1)—Pure Hanchon 29K (senior champion), Congdon;
Two bulls (3)—Johnson; Congdon; K & M;
Pair of calves (2)—K & M; Johnson; K & M.

Pair of yearlings (2)—K & M and Johnson; Congdon; Get of sire (2)—K & M; Congdon; Group of 5 head (2)—K & M; Congdon.

West Palm Beach
Spring heifer calves (5)—Miss Ellie 27M (reserve junior champion), Carl Johnson, Brandon; Miss Kristin 26M, Johnson; Miss Kety, K & M Limousin, Lakeland;
Junior heifer calves (3)—Carmenette (reserve grand champion, junior champion), K & M; Lass’s Famous Pride NPF 270405 312 M, Osborne Cattle Co., Davie; AEW 2M, Dr. A. E. Whaley, Kissimmee.
Winter heifer calves (2)—Miss Announcer 91L, Congdon Limousin Farm, Haines City; Miss CC; Congdon;
Senior heifer calves (1)—Miss Sudbrink 315L NPF 257611 Pure 315L, Congdon;
Summer yearling heifers (1)—FRCC Miss Endormi 112 L “Prayer” (reserve senior champion), Todd P. Swingle, Okeechobee;
Spring yearling heifers (2)—Ginger 902 (senior champion, grand champion), K & M; FRCC Miss Endormi 961 L.

RESERVE grand champion Limousin female at Tampa was shown by Kenney Johnting, Jr.

LIMOUSIN reserve grand champion female at West Palm Beach was shown by K & M Limousin.
NEEL REELECTED BY
WASHINGTON-HOLMES

E. D. "Buddy" Neel, Chipley, reelected president of the Washington Holmes Cattlemen's Association at the organization's December 1980 meeting.

Elected vice president was John Bomann, Bonifay, and secretary-treasurer is James A. Clemmons of Chipley.

State director is U. S. Harrison, Chipley.

Serving as directors at the local level are Ronnie Hartzog, Chipley; Earl Gilbert, Chipley; Eli Nelson, Chipley; George C. Owens, Chipley; V. J. Collins, Caryville; Donnie Duef, Chipley, and Harrison.

Other directors, all from Bonifay, are Jim Penney; Charles L. Martin, Cletus Andrews; Grover Paul; Gary Darling; W. C. Ward, and J. Q. Lee.

Support your local county Cow-Belles Association.

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FOURTH ANNUAL SALE

Saturday, 1 p.m.

MARCH 21, 1981
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Sale at Coastal Plain Station Sale Pavilion, one mile north of Tifton off U. S. 41 North, From I-75, Exit 21 ABAC.

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• 16 Domestic Purebreds, bred
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• 10 3/4 cows, with calves
• 17 3/4 bred cows and heifers
• 28 Half-blood cows, with calves
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ANNUAL MEETING
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THE FLORIDA CATTLEMAN / MARCH 1981 / 79
By-Lines

(Continued from page 40)

Toby and T Bone were present at the annual meeting selling chances on door-prizes donated to ANCB. $1600 was collected from this fund raiser with proceeds going to the ANBC Building fund.

Promoting beef as a tradition for Father's Day is gaining strength each year because of the efforts of many hard working CowBelles. Each year in our BFFD promotion we urge meat market managers to join in the fun. This past year's winner is Jerry Thomas, Jerry's Red Owl, Torner, North Dakota. We were honored to have him talk during national convention. The following are highlights from his speech.

"Being a cattle rancher myself and believing in the product I raise, I also know the need for more beef production. My first love has always been cattle and I saw the contest as a way to promote this nation's number one product, beef. Wheels started to click in my head. I decided to involve the ranch name and combine the two. Inky Dinky Burgers, a three ounce patty of Armour grain fed beef served on a bun was the result. The mayor agreed to proclaim June 9-15 "Beef For Father's Day."

I then proceeded to take six spots on TV, 40 spots in radio and spent a full day at the paper office preparing a two-page ad. All on beef sales and promotion for the week.

The District II CowBelles served the Inky Dinky Burger for 29 cents on Thursday only. This included potato chips, pop and free ice cream; a drawing for 10 pounds of ground beef donated by the CowBelles; free balloons for the kids, and registration for a front quarter of beef with 100 percent satisfaction guaranteed on all beef purchases.

The amount sold in the sale was one ton of ground beef, 14,001 pounds of chuck and 133 quarters which amounts to 17,290 pounds, for a total of 20,690 pounds of beef sold in three days. Our beef sales had increased 100 percent over the previous year during the time for the contest.

It wasn't the $1000 for winning the contest that was important but the fact that a small town business man could win a national contest!"

Now we all know why BEEF PROMOTION is still an integral part of our CowBelle activity.

In order to do the many necessary programs to promote this nation's number one product, BEEF, we must keep membership strong. (See the accompanying box.)

-Sarah Childs, President
Florida CowBelles Association

---

Keep membership strong!

Some members keep their organizations strong,
While others join and just belong.
Some dig right in, some serve with pride,
Some go along just for the ride.
Some volunteer to do their share,
While some set back and just don't care.
On meeting days, some always show,
But then, there are those who never go.
Some always pay their dues ahead,
Some get behind for months instead.
Some do their best, some build, some make,
Some NEVER give, but always take.
Some lag behind, some let things go,
Some never HELP THEIR ORGANIZATIONS GROW.
Some drag, some pull, some don't some do.
WHICH OF THESE ARE YOU?

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- National Beef Promotions.
  a. Food stores/supermarkets
  b. Restaurants
- Classroom beef education.
- Consumer information.
- Full-time Home Economist.
- Mail and direct contact with food editors and other media sources.
- News releases to Florida’s mass media.
- Materials for schools, fairs, conventions, extension.
- Major CowBelle activities.
- Nutrition education in schools.
- Beef cookery education in schools.
- Exhibits at local fairs and Florida State Fair, and major professional health conventions.
- Supports the FCA Sweetheart Program.
- Provides 4-H scholarships.

If voluntary deductions were figured at 25 cents per head, your FBC could provide a substantial increase in percentage of services as outlined above. Join with us to help do a better job of promoting BEEF.

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BIG WINNERS at the Florida State Fair open Simmental judging, held recently at Tampa, were Bond Simmental, Boston, Georgia, and Millercrest Simmental, Bronson. Picture at top shows Bond’s grand champion Simmental bull. Second photo is the reserve grand champion bull, owned by Bond. Grand champion female in third picture is another Bond Simmental entry. Bottom picture is the reserve grand champion female, shown by Millercrest.
The 1st Annual Bond Austrian Influence Sale

Saturday, April 4th
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Offering 50 Lots

15 Fullblood lots including:
- Planned matings to top fullblood donors including Heidi (daughter of the great Austrian cow Ardahan Fenella F6 by Sigfried).
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- 4 yearling heifers bred to Austrian bulls (top individuals carrying Austrian calves).
- Pairs and bred fullbloods by Double Extra, Beat, Petro, Galant and Buffalo.

35 Purebred lots consisting of:
These lots, specially selected to appeal to the most discriminating breeders, include pairs and 3-in-1 packages with calves sired by the leading A.I. sires and many of the females rebred to Austrian sires.
Several of the fullblood and purebred cows will be bred to the Bond bull battery—Bourbon, Dallas and Caruso.
Auctioneer: Merrill Anderson

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NCA convention
(Continued from page 39)ments of the beef business to include all those involved in getting beef from pasture to plate; achieve more unity and more action in state and national beef promotion programs, and generate more funds. In this area, NCA, the Beef Industry Council of the National Live Stock & Meat Board will sponsor the first National Beef Forum, March 28, to work for stepped-up promotion.

Also, develop a master plan so that the industry and NCA will know where they are going and how they are going to get there. In this regard, a special NCA planning group is now undertaking the development of a master plan.

Berry concluded that it was vital to restore the cattlemen's pride and faith in the beef business. He said, "With the right competitive spirit and effort, we can turn (the potential) into the reality of a brighter, more profitable future."

Mrs. JoAnn Smith, Wacahoota, chaired the important beef promotion and consumer relations committee during a full-day session which featured a number of speakers from in and out-of-the industry.

Other FCA delegates and members attended the numerous committee meetings held during the convention.

Beefmaster sale set in Georgia

The Southeastern Beefmaster Breeder's Association will hold its sixth annual spring sale at Tifton, Georgia, on Friday, April 10, 1981.

The sale, which starts at 12:30 p.m., will take place at the Coastal Plains Experiment Station Sales Pavilion.

This quality offering represents the top Beefmaster breeders in the southeast. Selling will be 20 herd sires and herd sire prospects, all Bang's, TB and fertility tested. Also selling are 60 females, including bred and open heifers, pairs, and three-in-one packages.

The sale is approved by Beefmaster Breeders Universal, Gerald Bowie, West Point, Georgia, will be the auctioneer. Sale manager is Thompson Cattle Marketing Inc., San Antonio, Texas.

Argentine frozen beef exports lower


Value of shipments in the first half of 1980 was $293.3 million, compared to $377.2 million in the 1979 period.

Leading importers of Argentine beef in January-June were the Soviet Union, 48,368 tons worth $98.9 million; The United Kingdom, 9,292 tons at $29.1 million; West Germany, 8,620 tons at $25.5 million.

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Florida Beefalo Sale averages $1332 on 25

The first Florida Chapter of American Beefalo Association Sale was held on February 7, at Tampa, in conjunction with the Florida State Fair.

Selling under the gavel of auctioneer Jerry Cash of Lawrenceburg, Tennessee, the 25 lots grossed $33,300 to average $1332. The 21 female lots grossed $28,300 to average $1348, while four bulls grossed $5000 to average $1250.

Top selling individual was Ms Valentine, a pure blood Beefalo female, born February 14, 1980. The consignment from Will Dean, Cleveland, Georgia, was purchased by My Goal Farms, Punta Gorda, for $3700. The other purebred Beefalo in the sale, a combination of 5/8-blood Bovine and 3/4-blood Bison, was also purchased by My Goal for $3000. It was consigned by Dean.

Volume buyers at the event were My Goal, purchasing two lots for $6700, Ray McGee, Ocala, buying four lots for $53,250, and Walker Baldwin, Leesburg, spending $4400 for four lots.

Consignors of animals included Flying M Ranch, Leesburg; White Oak Plantation, Yulee; Bill Byrd, Knoxville, Tennessee; Five J. Ranch, Ocala; Oakley Farms, Citra; Dolly Feigenbaum, Gainesville; and Will Dean.

Appearing on the program were Joe Barnett, Courtland, Mississippi, president of American Beefalo Association, and S. E. Montgomery, Leesburg, president of the Florida chapter.

Buyers at the event, with number and head purchased shown in parenthesis if more than one, and amount spent, follow:

Wayne Corbin, Ocala $1025; Massaro Ranch (2) $1775; Ray McGee, Ocala (3) $4025; Arrington Beefalo (2) $2250; Emerald Valley Farms, Knoxville, Tennessee $1500; Mike Capri, Tampa $1100; Flying M Ranch, Leesburg $825; Louise Wilson, Palatka $1400; Walker Baldwin, Leesburg (3) $1600; My Goal Farm, Punta Gorda (2) $6700; Bulls—Ray McGee, Ocala $1300; Jack Spivey $1500; Mike Capri, Tampa $1400; Walker Baldwin $800.

Northwest cownmen elect Jernigan

Bryan Jernigan, Cantonment, was elected president of the Northwest Florida Cattlemen's Association at the group's January meeting. Vice president is John D. Nesbit, Milton.

Secretary is Earl P. Cooper, Pensacola, and treasurer is Glynn C. Key, McDavid.

Northwest is represented by two state directors. Serving are Marion Tidewell, Milton, and Jernigan.

Local directors are James Lee, Milton; James Ward, Milton; Rex Thomas, Milton; Hubert Smith, Pensacola, and James D. Cunningham, Molino.

Join your local county Cattlemen's Association.
Ross takes top honors at Tampa and West Palm S'Gertrudis shows

Ross Brothers Farm and Ranch, Branford, took top honors at the open Santa Gertrudis judging held during the Florida State Fair, Tampa, and the South Florida Fair, West Palm Beach. The firm took the grand and reserve grand championship ribbons for the bull and female competition at both events.

Miss RB 811, a two year old heifer shown by Ross, took the grand champion female honors at both Tampa and West Palm Beach. A two year old bull shown at the firm, RB 850, was named grand champion at both shows.

Miss Tarzan 854, owned by D. L. Thomas, Lake City, won reserve grand champion honors at both Tampa and West Palm Beach. The Tampa event also produced a reserve grand champion bull and a reserve senior champion heifer.

Dry Creek Ranch, Donalsonville, Georgia, had the reserve grand champion bull at West Palm Beach with Dry Creek Red Rock 7.

Complete results of the two shows, listed to three places with numbers of entries shown in parentheses, follow:

Tampa

Junior heifer calves (6)—Miss Tarzan 0/27 (senior champion), D. L. Thomas, Lake City; Miss Doublebloom Stuf D057, Dietrich’s Flying D Ranch, Orlando; Miss Stage Coach 13, Stage Coach Ranch, Dade City; Junior heifer calves (8)—Miss Thomas 007, Thomas; Maxwell’s 310, John Maxwell, Parkland; 7019 Frie Beredod 5, David McGhee, Clewiston;

Summer yearling heifers (3)—Miss Thomas 944 (reserve senior champion), Thomas; Miss Stage Coach 120/9, Stage Coach; Miss Thomas 928, Thomas;

Junior yearling heifers (4)—Miss Doublebloom Stuf D958, Dietrich; Miss Diamond B 6, Diamond B Ranch, Morritson; Miss Stage Coach 44, Stage Coach;

Senior yearling heifers (6)—Miss 14/9, Zona Jones, South Bay; Dry Creek Miss O, Dry Creek Ranch, Donalsonville, Georgia; Miss Diamond B 3, Diamond B;

Two year old heifers (5)—Miss RB 811 (grand champion, senior champion), Ross Brothers Farm and Ranch, Branford; Miss Tarzan 854 (reserve grand champion, reserve senior champion), Thomas; Miss Gemini 23/9, Gemini Springs Farm, DeBary;

Senior yearling heifers (4)—Dry Creek Red Rock 7, Dry Creek Ranch, Tarzan 905, Thomas; Doubloon Stuf D906, Dietrich;

Two year old bulls (4)—RB 850 (grand champion, senior champion), Ross Brothers; Senior Masterpiece 730/8 (reserve grand champion, reserve senior champion), Thomas; Thomas 834, Thomas;

Aged bulls (2)—Ringo’s Masterpiece 83, Dietrich and Ringo Ranch, Immokalee; Stage Coach 095, Stage Coach;

Two bulls (2)—Ross Brothers; Thomas; Dietrich,

Pair of yearlings (3)—Dry Creek, Thomas; Dietrich;

Pair of calves (3)—Dietrich; Stage Coach; Thomas;

Get of sire (4)—Thomas; Ross Brothers; Dietrich.

West Palm Beach

Junior heifer calves (6)—Miss Stage Coach 13, Stage Coach Ranch, Dade City; Miss Doublebloom Stuf D057, Dietrich’s Flying D Ranch, Orlando; Miss Tarzan 027, D. L. Thomas Ranch, Lake City;

Senior heifer calves (6)—Miss Thomas 007, Thomas; Maxwell 310, John Maxwell, Parkland; Miss Stuff Shirt 15/0, K. D. Eatmon, Pompano Beach;

Summer yearling heifers (5)—Miss Stuff Shirt 1/0 (senior champion), Richard Gwinn; Miss Thomas 928 (reserve junior champion), Thomas; Miss Stage Coach 120/9, Stage Coach;

Junior heifer calves (5)—Miss Doublebloom Stuf D958, Dietrich; Miss Stuff Shirt 135/9, Eatmon; Lazzy 6/9, Stony Sander;

Senior heifer calves (7)—Dry Creek Lady O, Dry Creek Ranch, Donalsonville, Georgia; Miss Stuff Shirt 131/9, Eatmon; 14/9, Zona Jones, South Bay;

Two year old heifers (3)—Miss RB 811 (senior champion, grand champion), Ross Brothers, Branford; Miss Tarzan 854 (reserve senior champion, reserve grand champion), Thomas; Miss KT Princess, Monica Toby, Loverchabees;

Pair of heifers (7)—Eatmon; Thomas; Dietrich;

Junior bull calves (6)—Mrs. Stuff Shirt 69/0 (reserve junior champion), Eatmon; Thomas 017, Thomas; Warga Majestic 32/9, Peter Warga, West Palm Beach;

Senior bull calves (2)—Doublebloom Stuf D013, Dietrich; KT Prince Charmine, Toby;

Summer yearling bulls (4)—STUFF SHIRT 7/0 (junior champion), Eatmon; B R 991, Ross; Tarzan 932, Thomas;

Junior yearling bulls (3)—B R 921, Ross; Stuff Shirt 245/9, Eatmon; Tarzan 919, Thomas;

Senior yearling bulls (4)—Dry Creek Red Rock 7 (reserve senior champion, reserve grand champion), Dry Creek Ranch, Donalsonville, Georgia; Stuff Shirt 139/4, Eatmon; Tarzan 905, Thomas;

Two year old bulls (3)—B R 850 (senior champion, grand champion), Ross; Senior Masterpiece 730/8, Thomas; Thomas 834, Thomas;

Aged bull (2)—Ringo’s Masterpiece 83, Dietrich; Stage Coach 095/8, Stage Coach;

Two bulls (8)—Ross; Eatmon;

Pair of yearlings (7)—Dry Creek, Eatmon; Dietrich;

Pair of calves (5)—Eatmon; Dietrich;

Produce of dam (3)—Dietrich; Stage Coach; Thomas;

Get of sire (6)—Eatmon; Ross; Dietrich.

Join your local county Cattlemen’s Association.
New rules set for import center

There are new rules for paying fees and acquiring quarantine space for cattle at USDA's Harry S. Truman Animal Import Center in Key West, according to Pierre A. Chaloux, deputy administrator for USDA's Animal and Plant Health Inspection Service.

"The new rules will assure cattle importers use the space allocated to them and assume financial responsibility for all expenses involved in importing cattle through the center," he said.

"Under the new procedures," Chaloux said, "cattle quarantine space at the center will be allocated among importers through a drawing, which will be announced 60 days in advance. The announcement will designate the geographic area from which the imported cattle will originate."

Chaloux said importers wishing to use the import center must submit an application at least five days before the drawing and deposit $1000 for each animal they intend to import.

"The importer or a legal representative must attend the drawing and be prepared to assume financial responsibility for importing costs when space is allocated," Chaloux said. "If an importer declines to accept the allotted space, the space will be distributed to other applicants through another drawing."

Chaloux said a sliding fee schedule has been established based on the total number of animals imported; the $1000 deposit will be applied to that fee. The center's capacity is 400 head of cattle and no importations will be made if less than 50 spaces are allocated, he said.

Payments of the fees may be made by certified check, money order, or letter of credit. Deposits will be returned to importers if they do not receive an allocation of space, if they decline to accept the allocation at the time of the drawing, or if importation is cancelled for lack of applicants.

United industry effort needed

Although the reasons behind lowered beef consumption are debatable, the meat industry should make every effort to develop effective promotion and marketing efforts for their products, according to M. Claude Molpus, president of the American Meat Institute (AMI), national trade association of the meat industry.

Molpus spoke February 3, to the National Cattlemen's Association committee on beef promotion and consumer relations in Phoenix, Arizona. The committee is chaired by Mrs. JoAnn Smith, Wauchula.
Changes proposed in P&S regulations by USDA

Members of the livestock and meat industry and the public were invited to comment until March 2 on changes in packers and stockyards program regulations proposed by USDA.

“The first phase of an ongoing general review of regulations issued under the Packers and Stockyards Act has produced several proposed revisions,” said James L. Smith, a packers and stockyards official with USDA’s Agricultural Marketing Service at Washington, D.C.

Smith said the proposed changes include a substantial reduction in the information required in annual reports submitted by livestock dealers and market agencies, a change which would greatly reduce the time spent filling out reports.

“We are also proposing that the custodial accounts for shippers’ proceeds could be maintained in interest-bearing savings accounts,” Smith said. “These accounts are required to ensure prompt payment to consignors of livestock but there is no reason that the money involved should not be put to work, provided it is properly designated as part of the custodial account.”

Smith said the revisions would also

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Florida Festival Sale, Walt Disney World, March 6
include an increase in the amount of the bonds required of dealers to secure more
amplify the performance of obligations
entailed in buying and selling livestock.
“Another proposal,” he said, “would clarify our policy on sales pro-
visional to the act to compete on an
just
used
the policy against point-promotions
“would clarify our policy on sales pro-
entailed in buying and selling livestock.
amply the performance of obligations
include an increase in the amount of the
Florida Crop and Livestock Reporting
Florida Santa Gertrudis Ass’n

Plantings in state
to exceed 1980
Florida farmers indicated in early January that they intend to plant more
corn and cotton and harvest more hay in 1981 than in 1980, according to the
Florida Crop and Livestock Reporting

Also, plantings of soybeans and
peanuts in 1981 are expected to be
unchanged from a year ago.

Expected plantings of corn in Florida
total 440,000 acres, an increase of
seven percent from the 1980 level of
410,000. Acreage planted to cotton is
expected to total 7500 acres, up 25 percent from 1980. Farmers indicate they
will harvest 245,000 acres of hay during
1981, an increase of two percent from
last year.

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410,000. Acreage planted to cotton is

440,000 acres, an increase of
seven percent from the
1980 total 440,000 acres, an increase of
two percent from

1980.

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Longwood, FL
Bob & Beverly Holdorff
Pompano Beach, FL
Lester and Barbara Holt
Ocala, FL
Myles Horvath
Ochopee, FL
David A. Johnson
Marietta, FL
Wilton Jones
Tifton, GA
Little Everglades Ranch
Dade City, FL
Circle L Ranch
Elba, AL
Laural Oak Farm
Wellborn, FL
Coley Lott
Dover, GA
Henry C. Louden
Fort Pierce, FL
Arthur E. Lynn
Dover, FL
Bob Roper
Elberton, GA
Ringo Ranch
Imokaalee, FL
Robinson Farms, Inc
Atlantic, GA
Ron & Marcia Rodgers
Arcadia, FL
Ross Brothers
Brantford, FL
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Thomasville, GA
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Hartselle, AL
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Lake Worth, FL
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DeLand, FL
Thomas & Suzanne Sheeley
Leesburg, FL
Sheilton Land & Cattle Company
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Ortega, FL
Frank & Joann Potter
Okeechobee, FL
Robert E. Purkay
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Morriston, FL
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Donalsonville, FL
Edward Conchiglio
Ocala, FL
Continental Ranch
Buckley, AR
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1980, according to the
Florida Crop and Livestock Reporting

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ASF emergency declared in Haiti

USDA has declared an animal health emergency due to the presence of African swine fever (ASF) in Haiti which represents a serious threat to the U.S. swine industry and consequently, to the national economy.

This action has been taken in order to initiate measures for countering spread of the highly contagious disease to the U.S., its territories and possessions. The declaration was jointly agreed to by both the out-going and in-coming administrations.

The emergency declaration specifies that the "... emergency arising out of the existence of African swine fever in Haiti, a very close neighboring country ... constitutes a threat to the swine industry of the United States."

Puerto Rico is considered especially vulnerable to ASF, because it is located approximately 75 miles from the Island of Hispanola, shared by Haiti and the Dominican Republic. In turn, active tourism and trade between Puerto Rico and the U.S. would make it difficult to prevent spread to the mainland. There is no effective vaccine or treatment for ASF.

The declaration authorizes "... a program in cooperation with the Government of Haiti, and with other governments and international organizations or associations, in carrying out operations or measures to eradicate, suppress or control African swine fever in Haiti or to prevent or retard African swine fever vectors thereof from being introduced to and disseminated into the United States."

ASF first invaded the western hemisphere in 1971. That outbreak, in Cuba, resulted in destruction of a half-million hogs. In 1978, the disease was confirmed in the Dominican Republic and Brazil, with Haiti becoming infected in 1979. Cuba experienced a second outbreak early in 1980, which was rapidly eliminated.

The disease is spread by infected live pigs and pork products; contaminated garbage, feed or water; contaminated premises, clothing and footwear; and improper disposal of infected carcasses.

Eradication of ASF is possible only by quarantining all farms in the vicinity of an outbreak, destroying all infected and exposed swine, surveying herds and cleaning and disinfecting all infected and exposed farms.

Vet office opens in Tampa

USDA has established a southeastern regional office of the Animal and Plant Health Inspection Service at Tampa.

Dr. John Jeffries is the director of USDA's regional Veterinary Services office located at 700 Twiggs St. Dr. Dean Philson is the assistant regional director. Jeffries' prior assignment was assistant director for animal health programs at Hyattsville, Maryland.

The regional office, formerly located at Hyattsville, was relocated to put officials in closer contact with concerned industries in the region.

The southeastern regional VS office is responsible for the coordination and direction of animal health and disease eradication programs in eight states and the Caribbean area.

These states and areas are Georgia, Alabama, Florida, Mississippi, Kentucky, Tennessee, South Carolina, North Carolina, Puerto Rico and the U.S. Virgin Islands.

Veterinary Services is made up of a team of veterinarians, animal health technicians, other professionals and support personnel.

It has five primary tasks: Keeping foreign diseases out of the country, eradicating outbreaks of those diseases which get past our border defenses, fighting domestic animal diseases of economic and/or human health significance, assuring safe and potent veterinary biologics and assuring the humane care of animals.

It is also responsible for preventing the interstate spread of certain animal diseases.

Animal disease control and eradication programs are carried out through cooperation with state governments, the veterinary profession and livestock and poultry industries.
Selling at the
Florida “Fabulous Forty” Festival Sale
Walt Disney World—March 6, 1981

2 Choice Daughters of Stage Coach Ranch

Both these Females are Stage Coach on both sides and both go back to Nine Bar on both sides.

78/9—daughter of L 14—calved 12/20/77. Adj. 205 day wt. 665
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Both of these show herd females safe-in-calf to BRIGGS RANCH 095/8, a son of MUCHO!

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Barfield Farms Beefmaster bull brings $50,000

The Painted Warrior, a son of Robert E. Lee, topped the Fred Barfield “Sixth Edition” Beefmaster sale, held January 26, 1981, at Immokalee. Half interest in the 15 month old Warrior grandson sold for $50,000 to Charlie Dunkin of Birmingham, Alabama. The bull is a half brother to Warrior III, the young bull which topped Barfield’s fall, 1980, sale.

The sale, which emphasized upgrading and commercial bulls, grossed $253,350 on 71 lots, to average $3568. Sixteen of the 31 buyers were first time buyers, sale officials reported.

Second high selling bull was a 1977 War Paint son which sold to Triple J Ranch and Diamond Lazy J Ranch for $10,000. Triple J Ranch is owned by Mr. & Mrs. Joel Wahlberg and Mike Kohlman, Houston, Texas. Gary Jordan, Lexington, Texas, owns Diamond Lazy J.

A sale breakdown showed five herd sires averaged $14,440, four aged herd sires averaged $3125, 29 commercial bulls averaged $2119, six open heifers averaged $5017, 27 bred females averaged $1956.

Dan Morgan, Jackson, Mississippi, paid $5200 for a three-year old son of King, Jr. which has been used extensively in the Barfield herd. Bob Williamson, Still Hills Beefmasters, Fort Payne, Alabama, paid $5000 for Barfield’s Blaze. B & W Beefmasters, Evergreen, Alabama, paid $4000 and $3000 respectively for sons of Medicine Man and Big Tom.

Charles Kaffie, Kaffie Brothers, Corpus Christi, Texas, bought nine bulls including a $4500, two-year old son of Big Tom. Dick Johnson, Immokalee, paid $3700 for a three-year old son of Barfield’s Blaze.

Camelot Beefmasters, a division of Triple J, represented by Mrs. Shirley Wahlberg, bought the top selling female, an open daughter of Robert E. Lee, for $15,000. The 10 month old heifer is the oldest Robert E. Lee daughter to sell.

Talley Beefmasters, Leesburg, bought an open daughter of War Paint for $5500. Triple J bought a bred three-year old Big Tom daughter for $6500, to top the bred female offering. The cow is bred to Red Cloud. P-T Ranch, Dover, paid $4500 for a cow bred to Red Cloud. Diamond Lazy J also paid $4500 for a War Paint daughter bred to Red Cloud. David Brown, Ft. Myers, paid $4000 for a three-year old daughter of Barfield’s Blaze bred to Red Cloud.

Jack Dunn, Alice, Texas, was the volume buyer of females, with seven lots.

Volume buyers were Charlie Dunkin; Kaffie Brothers; Dunn; Triple J-Diamond Lazy J; Camelot; B & W; James E. Meeks, La Belle; and Curtis Helms, Dalton, Georgia.

Other buyers were Caloosa Beefmasters, Immokalee; P-T Ranch; Bell Branch Ranch, Italy, Texas; Lester Donley & Sons, Winter Haven; Al Curry, Immokalee; Slash S Ranch, Kenansville; American Senepol, Ltd., Versailles, KY; James H. Grunholzer, Ft. Meade; Talley Beefmasters; J. B. Pettit, Hartselle, AL; Womble Ranch, Highlands City; Bob Williamson; Hans Wittenburg, Edna, TX; Dan Morgan; David Brown; Shelton Land & Cattle Co., Double D Division, Belle Glade; C. Flowers, Punta Gorda; J Bar K, Bowling Green; Gamble Creek, Parrish; Dick Johnson; Lee Shewmaker, La Belle.

Prices in Florida during December for dairy feed, 14 percent protein, increased $1 per ton; 16 percent protein increased $5 and 32 percent protein increased $10 per ton from the previous month.
OUR "SIXTH EDITION" BEEFMASTER SALE IS NOW A HAPPY HISTORY. MANY THANKS!

We Deeply Appreciate Your Support.

Thanks to all of you.

To Charlie Dunkin for his purchase of "The Painted Warrior" for $50,000 for half-interest.
To Mrs. Shirley Wahlberg, Camelot Beefmasters, on the purchase of a great open "Robert E. Lee" daughter for $15,000.
To Triple J Beefmasters and Diamond Lazy J Beefmasters on the purchase of a top "War Paint" son for $10,000.
To volume buyers Charles Kaffie, Jack Dunn, B-W Beefmasters, James E. Meeks, Curtis Helms and those listed above.
To our repeat buyers. We appreciate your continued confidence.
And especially to the 16 new buyers who are adding our Beefmasters to their program.

Sale Results

71 Lots, including
herd sires, commercial
bulls, open & bred
females.

Gross $253,350.
Average $3,568.

31 Buyers from Six States

THE "SIXTH EDITION" BUYERS

Charles Dunkin
Birmingham, AL
Kaffie Bros.
Corpus Christi, TX
Triple J — Diamond Lazy J
Houston and Lexington, TX
Jack Dunn
Alice, TX
Camelot Beefmasters
Houston, TX
B & W Beefmasters
Evergreen, AL
James E. Meeks
La Belle, FL
Curtis Helms
Dalton, GA
Caloosa Beefmasters
Immokalee, FL
PT Ranch
Dover, FL

Bell Branch Ranch
Italy, TX
Lester Donley & Sons
Winter Haven, FL
AL Curry
Immokalee, FL
Slash S Ranch
Kensansville, FL
American Senepol, Ltd.
Vassilas, KY
James H. Grunholzer
Ft. Meade, FL
Talley Beefmasters
Lecburg, FL
J. B. Pettit
Hartselle, AL
Womble Ranch
Highlands City, FL
Bob Williamson
Evergreen, AL

Hans Wittenburg
Edna, TX
Dan Morgan
Jackson, MS
David Brown
Ft. Myers, FL
Shelton Land & Cattle Co.,
Double D Division
Belle, Glade, FL
C Flowers
Punta Gorda, FL
J Bar K
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** State Fair has 95 youth steers **
A total of 95 youth steers were exhibited and sold at the 1981 Florida State Fair Youth Steer Show and Carcass Contest, held recently at Tampa.
Sale officials reported that the sale netted $131,883 for the 95 steers. The average price per pound came to $1.39.
Warren Cason of Lakeland showed a 1247 pound Simmental-Angus crossbred steer to grand champion honors. Teresa Lott of Seffner had the reserve grand champion with a 1102 pound Chianina-Angus crossbred.
At the sale, Utility Trailers of Tampa, paid $3.10 per pound for the grand champion. The reserve grand champion was purchased by long-time youth steer sale supporters Publix Markets.
Lykes Brothers of Tampa, an historical major supporter of the event, was again among the volume buyers at the 1981 sale.
The show was judged by Erskine Cash of Penn State University. Charlie Moore, Lutz, was show superintendent.

Nebraska and Indiana continue to lead the nation in popcorn output with Nebraska's total at just under 180 million pounds and Indiana at 122.5 million pounds in 1980.
Every breeding season, more and more commercial cattlemen are discovering the value of Talley Beefmaster bulls. And, we're humbly proud to claim Peacock Fruit and Cattle Corporation, Fort Pierce, Florida, as a major repeat buyer.

Over the past two years, Peacock Fruit and Cattle Corporation has purchased over 60 Talley Beefmaster bulls. Cattle manager Larry Jackson says the company's goal is to utilize only Beefmaster bulls.

Larry, shown in the photo, is already breeding a major portion of their tremendous commercial cow herd to Beefmaster bulls.

We express our sincere appreciation to Peacock Fruit and Cattle Corporation and all of our past customers for the confidence they have shown in our breeding program. The proof is in how they perform for others—Talley Beefmaster bulls are proven. We're always happy to show you our cattle.

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Snow Cloud is a product of our management program — of developing, proving, and using our top bulls for three breeding seasons, then selling them as fours. Like our other proven four year old herd sires, Snow Cloud sells this year:

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Snow Cloud. One of the great bulls and bloodlines developed and used at Fred Barfield Farms, including War Paint, Big Tom, Crimson Warrior, The Seminole Warrior, Warrior III, The Painted Warrior, Robert E. Lee, Gator, Ben, Legacy.
You built your barn strong to stand the tough times. Have you built your herd the same way?

Many of today's cow herds are not strong enough to keep you in business. The cows are too small, don't give enough milk, or just calve "ever now and then." They are just not capable of raising and weaning a heavy calf every year.

Beefmasters help you get greater genetic—and economic—strength in your cowherd. The first cross puts more size, more milk, and more fertility in the replacement females. The steer calves are heavier, worth more. Calves from these excellent first cross females are worth even more.

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‘Exotic’ livestock diseases pose threat to Florida’s production

Florida is vulnerable to the introduction of “exotic” livestock diseases from outside the U.S. That was the message repeated many times during the two-day Exotic Agricultural Threats Seminar, held February 11-12, at the Holiday Inn, International Drive, Orlando.

The event was co-sponsored by the Florida Department of Agriculture and Consumer Services and U.S. Department of Agriculture. The program was aimed toward informing law enforcement officials and agriculturists of the dangerous vulnerability of Florida from drug smugglers who bring material from countries with such diseases as Foot and Mouth, African Swine Fever, and Exotic Newcastle.

The major concern of cattlemen is Foot and Mouth Disease (FMD). The last outbreak in the U.S. was in 1929. The cause was the faulty handling of ship’s garbage, USDA and U.S. Customs are credited with keeping such diseases out of the U.S. However, many of the speakers voiced concern that it is only a matter of time before FMD breaks out somewhere in the U.S., and Florida is a major candidate.

Officials at the seminar pointed out that FMD is common outside the North American Continent. The diseases has prevailed on the European Continent for centuries. There has been a tremendous increase of inter-country travel to Florida in recent years. The legal travel that passes through proper channels does not concern officials. The illegal drug smuggling that continues daily in Florida is what concerns agriculturalists the most.

Co-chairing the seminar were Florida’s State Veterinarian, C. L. Campbell, and H. L. Jones, director of the Division of Plant Industry for the Florida Department of Agriculture.

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Thiamine deficiencies in cattle can cause serious disorder

What are the consequences of thiamine (Vitamin B1) deficiency in fattening beef cattle? Without adequate thiamine, cattle lose appetite, stop growing, weaken, and are likely to have a severe nervous disorder; bovine polioencephalomalacia. Among other things, this disorder, called PEM or BPE, short, causes blindness, failure of the rumen to contract, convulsions, paralysis and death. That's the word from the department of agriculture and animal health of Hoffman-LaRoche, Inc.

Cattle may receive thiamine in two ways: in their feed and from bacterial synthesis in the rumen. However, under certain conditions, cattle may not get sufficient thiamine to promote growth at peak efficiency. Neither source guarantees they'll get the required levels. So to compensate for potential thiamine losses, supplemental thiamine is recommended when PEM occurs or is suspected.

Even though this essential B-complex vitamin is found in feedstuffs like leafy green plants and whole grains, studies that link thiamine deficiency to PEM indicate moldy hay, straw, and certain plants contain thiaminase, a thiamine antagonist. (Thiaminase is an enzyme that destroys thiamine and can reduce a feed's thiamine content.)

In addition, bacterial synthesis of thiamine in the rumen has been found to vary considerably in cattle fed a variety of roughage and grain products. It has been estimated that only 8 mg of thiamine is produced in the rumen during 24 hours. In a study measuring the influence of physical form of grain and roughage on thiamine content in the rumen, thiamine levels varied by a 40-fold differential.

There are other situations where supplemental thiamine is advisable too. For example, sick animals, off feed for several days, have reduced rumen function. Fermentation in the rumen decreases 10 percent to 15 percent, the rumen protozoa count may fall to zero, and the bacterial count may drop to one percent of normal. These changes may reduce rumen synthesis of thiamine, requiring supplemental thiamine to make up the loss.

Non-ruminating calves also have a great need for thiamine in the diet. Post-weaning is a stressful period in a calf's life. Studies have shown that supplemental thiamine helped calves achieve faster weight gains and better feed conversion. These calves required fewer days of treatment for disease than stressed calves not given supplemental thiamine, the report noted.

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SOUTHEASTERN BEEFMASTER
BREEDERS SALE

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SOUTHEASTERN BEEFMASTER
BREEDERS SALE

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Watch For Future SEBBA Sales
At Jackson, Mississippi, September 19, 1981, and Bartow, Florida, October 20, 1981

THE FLORIDA CATTLEMAN / MARCH 1981 / 101
Income tax
(Continued from page 69)
can be reported as capital gain. See your
tax advisor before planning to sell.
18) If you have received insurance
payments for animals or indemnity pay-
ments for livestock condemned because
disease, you may postpone payment of
taxes on the payments if you replace
the condemned livestock with similar
livestock within two years after the close
of the tax year in which the money was
received.
19) If you plan to buy a farm be sure
to allocate the portion of the sales price
that is for buildings, fences, fruit trees,
etc., so these items can be depreciated. It
is best that this is spelled out on the sales
agreement.
20) If leasing new machinery or
equipment see if the company or person
who owns the machinery or equipment
will pass-through the investment credit
to you. This pass-through provision
applies only to new property. The
property must be eligible for investment
credit both to you and the owner.

Conclusions
Although most of us consider the
income tax rules and regulations a pain
and a nuisance, they are nevertheless a
fact of life that must be dealt with.
Income tax management is one part of
good business management and should
contribute to the overall objective of
your business. The objective of most
managers is to minimize income taxes
and at the same time maximize after tax
income. Good income tax management
is largely a matter of knowing a few
basic tax laws and principles and apply-
ing this knowledge throughout the year.

This article by no means covers all of
the income tax management principles
that are important to the Florida
cowman. It is hoped, however, that this
discussion will help you appreciate the
benefits of informed tax management
and encourage you to further explore
this important management area.

Lindsey heads Gilchrist cowmen
Larry Lindsey, Bell, was named to the
presidency of the Gilchrist County
Cattlemen's Association. Serving as vice
president will be Jeffery Beach.
Secretary-treasurer is Howell E.
Lancaster, Jr., of Trenton, and state
director is Forrest L. Beach, Trenton.
Local directors are Roy Wilson,
Trenton; Frank Colson, Trenton, and
David Mikell, Bell.
Who needs it?
You need it!

All cattlemen, no matter how large or small, must get some kind of performance from the herd. Without performance there would be no results. The kind and degree of performance and production within a herd is what counts.

The April, 1981, issue of The Florida Cattleman will be devoted to taking a practical look at herd production and performance, and how a commercial cattleman can use proven performance techniques to increase profits and herd quality.

If you have performance proven seed stock available, get your message to the commercial cattle industry of Florida through the April issue of The Florida Cattleman. You'll get the added impact of this special issue which will focus on performance.

Call one of our representatives to reserve space. We'll be happy to help with copy and layout. Deadline is March 5. In Florida call toll free: 800/432-9192. Out of state call: 305/846-2800.
Of Beef 'n Things

Savings money at the supermarket can be a real challenge for today's consumer, says Polly Golden, FCA's home economist. There are many cost cutting methods that can be applied to aid the shopper in this quest.

You will pocket the difference and decrease your food budget if you plan wisely before you go to the supermarket. By deciding on menus a week at a time, then drawing up a list from these menus, you can shop more efficiently, thus saving time, energy and money. You will not only save money, but assure variety in meals will be achieved. Trying a variety of new recipes with varied cuts of beef can renew added interest in those sometimes rather dull meals. Because every one is the first concern when menu planning, understanding and choosing a wider variety of cuts of meat is of more importance today than ever before.

When buying and interesting meals can be achieved with basic knowledge of retail beef cuts and proper cooking methods of each cut. The cooking of meat is as important as the selection of meat in order to achieve complete success in meal planning.

There are two basic methods in meat cookery: dry heat and moist heat. Within each category there are variations: dry heat methods include roasting, broiling, pan-broiling, pan-frying and rostisserie. Those associated with moist heat include braising, stewing, pressure cooking, cooking in liquid. The proper method to use depends on the tenderness, size and thickness of the meat, the recipe and cooking facilities available. Cural and regional cooking patterns may also influence the choice of method for preparing the meat.

Regardless of the cooking method there are a few general principles of beef treatment that should be observed. Meat is not usually washed; it is wiped clean with a damp cloth. Washing the meat extracts nutrients and flavor from the meat tissue. If salt is used before cooking, it will penetrate to a depth of about 1/2 inch. The salting of certain cuts of meat, such as chops, thin steaks, and stew meat may cause loss of meat juices. Meat dishes that are served with these juices, will be flavor enhanced by the addition of these drippings.

When buying meat, compare on the basis of cost per serving rather than cost per unit weight. Note the amount of bone, fat, or gristle in a cut since it has a direct effect on the number of servings. Avoid waste by buying only the amounts you need. The total amount of meat to buy depends upon the number of persons to be served and whether you wish to have sufficient leftovers for another meal. The following guide may be useful: boneless meat—1/4 pound per serving, bone-in meat—1/2 pound per serving, bony meat 1/4-1 pound per serving. Plan on 2-3 servings for hearty appetites.

One of the best aids in planning ahead is the advertised food specials. By planning week-at-a-time menus, shopping will be made easier and more systematic resulting in fewer trips to the store.

Braised round steak is often a featured special that is quite a versatile cut of meat. Creamy beef strips is a hearty and flavorful dish combined with hot buttered noodles, sure to satisfy dinner appetites.

Beef rounds are economical cuts of meat for roasting, pot roasting, pan-frying and broiling. Those associated with moist heat include braising, stewing, and rostisserie. Those associated with dry heat methods include roast, grilling, broiling, pan-broiling, and rostisserie. Those associated with moist heat include braising, stewing, and rostisserie. Those associated with dry heat methods include roast, grilling, broiling, pan-broiling, and rostisserie.

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brown in shortening; sprinkle lightly with salt and pepper. Add sliced onion, crushed garlic, drained mushrooms, and dry mustard; cook until mushrooms are browned and onion is tender. Add beef broth; cover and simmer about an hour, or until meat is tender. Remove meat mixture from heat and add sour cream; mix well.

To serve, arrange meat on platter with heated drained peas that have been tossed with butter and noodles that have been sprinkled with parsley. Yield: 6 servings.

**Boeuf en Daube**

2 cups dry red wine; 1 medium onion, chopped (1/2 cup); 2 cloves garlic, minced; 1 tablespoon vinegar; 1 teaspoon salt; 1/2 teaspoon dried rosemary, crushed; 1/2 teaspoon dried thyme, crushed; 1/2 teaspoon grated orange peel; 1/4 teaspoon pepper; 2 to 2 1/2 pounds lean beef stew meat cut in 1-inch cubes; 2 ounces salt pork; 1/2 cup beef broth; 6 carrots, bias-cut in 1-inch pieces; 3 onions, quartered; 1 cup pitted ripe olives; 2 tablespoons cornstarch; 2 tablespoons cold water.

Combine wine, the 1/2 cup onion, garlic, vinegar, salt, rosemary, thyme, orange peel, and pepper. Add beef; stir to coat. Cover and marinate at room temperature for 2 hours. Drain meat, reserving marinade; pat meat dry with paper toweling. In 4-quart Dutch oven cook salt pork till there are 2 to 3 tablespoons fat; discard pork. Brown meat in the hot fat. Add marinade and beef; bring to boiling. Cover; simmer 1 hour. Add vegetables and olives; simmer, covered, 30 to 40 minutes. Blend cornstarch and water; add to pot. Cook and stir till bubbly. Turn into bowl; top with some parsley, if desired. Makes 10 servings.

**Lively Liver Strips**

Combine wine, the 1/2 cup onion, garlic, vinegar, salt, rosemary, thyme, orange peel, and pepper. Add beef; stir to coat. Cover and marinate at room temperature for 2 hours. Drain meat, reserving marinade; pat meat dry with paper toweling. In 4-quart Dutch oven cook salt pork till there are 2 to 3 tablespoons fat; discard pork. Brown meat in the hot fat. Add marinade and beef; bring to boiling. Cover; simmer 1 hour. Add vegetables and olives; simmer, covered, 30 to 40 minutes. Blend cornstarch and water; add to pot. Cook and stir till bubbly. Turn into bowl; top with some parsley, if desired. Makes 10 servings.

**Creamy Beef Strips**

1 1/2 pounds round steak; 2 tablespoons shortening; salt and pepper to taste; 1 medium onion, sliced; 1 clove garlic, crushed; 1 (3- or 4-ounce) can or jar mushrooms; 1/4 teaspoon dry mustard; 1/4 cup canned condensed beef broth; 1 cup commercial sour cream; 1 (16-ounce) can peas; 1 tablespoon butter or margarine; 3 cups hot cooked noodles; Parsley flakes.

Cut round steak into thin strips and

per serving, bone-in-meat—1/2 pound per serving, bony meat 1/4-1 pound per serving. Plan on 2-3 servings for hearty appetites.

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Braised round steak is often a featured special that is quite a versatile cut of meat. Creamy beef strips is a hearty and flavorful dish combined with hot buttered noodles, sure to satisfy dinner appetites.

Stews are also economical dishes that are easy to prepare and provide full value in flavor, nutrition and number of servings.

Any of the less tender, less costly of beef may be stewed. Generally more liquid is used in stewing than for braising or pot roasting as the pleasures of a good stew depend on an ample amount of liquid for a flavorful gravy. Often chunky or whole vegetables are cooked along with the meat—added during the last stages of cooking. Boeuf en Daube is a French recipe that has a subtle flavor and is sure to please. This dish can easily be served to guests as a main course along with a fresh spinach salad and hot crusty rolls.

If you're looking for a bargain at the meat counter, don't overlook liver. In addition to being an economical choice, it's a nutritional bargain as well, offering a bananza of nutrients, in every serving.

For liver as appealing as it is nutritious, serve Lively Liver Strips. In this recipe, liver is served in a savory sauce.

Preparation of Lively Liver Strips is quick and easy. Liver can be cut more easily when it is partially frozen. The membrane should be peeled and trimmed from the liver before it is cooked.

For a satisfying family meal, serve the liver over hot split baking powder biscuits with a combination vegetable of peas and carrots.

Try new economical, budget stretching recipes can be an exciting and rewarding experience. With little time and personal preparation new meat recipes can be a pleasant taste experience.

**Creamy Beef Strips**

1 1/2 pounds round steak; 2 tablespoons shortening; salt and pepper to taste; 1 medium onion, sliced; 1 clove garlic, crushed; 1 (3- or 4-ounce) can or jar mushrooms; 1/4 teaspoon dry mustard; 1/4 cup canned condensed beef broth; 1 cup commercial sour cream; 1 (16-ounce) can peas; 1 tablespoon butter or margarine; 3 cups hot cooked noodles; Parsley flakes.

Cut round steak into thin strips and
Maybe someday soon we’ll see such a warning stamped on our beefsteaks. There’s a growing trend among food activists — both inside AND outside of government to urge cutbacks in beef consumption. One way to help head off this kind of interference with your livelihood is to get behind the organization that speaks up for your industry. Your membership in the National Cattlemen’s Association is the key to protecting your business. Join NCA today.

Give me more information on NCA.
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Address __________________________
City ______________________________
State ____________________ Zip ______

NATIONAL CATTLEMEN’S ASSOCIATION
Feeding the broodmare and foal

Some breeders may already have foals on the ground and are enjoying their progressive skills at exploring their new world. Others are anxiously waiting for the first signs that their favorite mare is starting that unpredictable countdown toward delivery. Regardless of the stage you are in, now is an excellent time to evaluate the mares feeding program and plan what you are going to feed the foal in the months to come.

During gestation, usually during summer and early fall, the mares requirements are essentially for maintenance. The fetus is too small to be of significance to the mare’s needs. In most areas, pasture and free choice minerals will provide for the mare’s requirements during this time. As winter approaches, hay or winter pasture supplemented with some concentrate will be necessary. This is the time that the mares need to be watched carefully. Some will carry adequate flesh on only forage while others will drop condition unless some concentrate is supplied. Winter hair coats will often hide weight loss during this time so an occasional observation across the fence from a pickup truck may not reveal what is actually occurring until the mare has dropped more weight than is desirable. Hard keepers need to be separated from the rest of the herd and fed a concentrate at a level of 0.5 pounds per day. The resulting foal will often be smaller than normal, but will usually still be viable. Inadequate levels of other nutrients may result in more serious problems in both the foal and mare.

A concentrate containing 13-15 percent crude protein, 5 percent calcium and .4 percent phosphorus fed at .75-1 lb./100 lb. BW/day will be adequate for most mares receiving good quality grass hay or pasture. Alfalfa or other legume fed the protein content can be reduced to two percentage units and the calcium content reduced to .4 percent.

The broodmare’s nutrient requirements are highest during lactation. Milk production peaks 2-3 months after foaling and gradually decreases until weaning. The mare must consume adequate nutrients to meet her maintenance needs plus that excreted in the milk. If the mare consumes less than she needs she will either reduce milk yield or lose weight. A concentrate containing 15 percent crude protein, .65 percent calcium and .45 percent phosphorus fed at 1.5 lb./100 lb. BW/day during early lactation and 1.0 lb./100 lb. BW/day during late lactation will usually be adequate.

Feeding program recommendations are shown in Table 1. Mares should be fed concentrates individually during late gestation and early lactation so that intake levels can be adjusted to fit variations in the mare’s requirements. If this is not possible, grouping mares accord-

<table>
<thead>
<tr>
<th>Period</th>
<th>Concentrate, % BW</th>
<th>Lbs. Conc. for 1200 lb. mare</th>
</tr>
</thead>
<tbody>
<tr>
<td>45 days before breeding to 60 days post</td>
<td>0.5-0.75</td>
<td>6-9</td>
</tr>
<tr>
<td>Mid gestation</td>
<td>0-0.5</td>
<td>0-6</td>
</tr>
<tr>
<td>90 days to 60 days prefoaling</td>
<td>0-0.5</td>
<td>0-6</td>
</tr>
<tr>
<td>60 days to 30 days prefoaling</td>
<td>0.75</td>
<td>9.0</td>
</tr>
<tr>
<td>30 days prefoaling to foaling</td>
<td>1.00</td>
<td>12.0</td>
</tr>
<tr>
<td>Early lactation (first 90 days)</td>
<td>1.50</td>
<td>18.0</td>
</tr>
<tr>
<td>Late lactation</td>
<td>1.00</td>
<td>12.0</td>
</tr>
</tbody>
</table>

*Modified by condition score (20% per unit).
ing to their expected foaling date, aggressiveness and efficiency will permit group feeding to work fairly well. Concentrates can be either commercial products formulated to meet the specifications cited or farm mixed feeds using grains and commercial supplements.

Feeding the nursing foal
During the first few months of life the foal relies heavily on the mare's milk for his major source of nutrients, however, most foals will soon start eating dry feed, some as soon as the first week, by stealing from the mare's feed tub or eating his own concentrate. By two months of age most foals will be eating 2-3 pounds of concentrate daily and intake will increase steadily as the foals age and find this works very well for our farm. Other farms prefer 150 lbs./100 lbs. BW/day of hay.

Feeding the weanling foal
The foal may be weaned as soon as he is eating sufficient dry feed to keep him growing. We feed at 112 days of age and find this works very well for our farm. Other farms prefer 150 to 180 days. Regardless of the time selected it should be recognized that milk production peaks at 2-3 months and after this time the dry feed must provide a larger and larger portion of the foal's requirements.

After weaning it is recommended that each foal be fed its concentrate individually. Although this requires additional facilities, individual feeding eliminates direct competition and keeps some foals from eating too much at the expense of other foals. We feed our foals all the concentrate they will eat in two, one and one-half hour feeding periods each day. Hay is group fed twice daily. With this system, foals 4-8 months of age will eat 1.7 lb./100 lb. BW/day of concentrate and 1.0 lbs./100 lbs. BW/day of hay.

Research results indicate that a concentrate providing 18 percent crude protein, .95 percent calcium and .65 percent phosphorus be offered to the foal when the mare is eating and/or in a creep feeder in the pasture. The creep feeder should be located in an area where the mares accumulate and feed should be kept fresh by only putting out what the foals will clean-up each day. By starting the foal on its own ration while nursing, the trauma of weaning is greatly reduced.

Feeding the growing foal
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The Florida DAIRY FARMER

Polk 4-H’ers hold annual dairy show at Bartow

The annual Polk County 4-H Club dairy show was held January 17 at the agricultural center in Bartow. Top award winners were Anna Hamilton and Warren Cason, both of Lakeland.

Hamilton was named high point overall senior 4-H’er, winning the senior showmanship, senior fitting, placing second in record book competition and exhibiting the grand champion Holstein. Cason was named high point overall junior 4-H’er, winning the junior showmanship, junior fitting, and exhibiting the grand champion Brown Swiss.

Other award winners were: Donna Sue Branch with best record book by a junior member, grand champion Guernsey and reserve champion Guernsey; Kathy Bryan with best record book by a senior 4-H’er and fifth place in showmanship; Cindy Digan with third place record book, third place in fitting, fourth place in showmanship and reserve champion Holstein; Margaret Bryan with a second place in showmanship, fourth place in fitting, fourth place in record book, and grand champion Ayrshire; Everett Cason with fifth place record book, and Connie Mooneyham with third place in showmanship, all are from Lakeland. Kin Kemp with grand champion Jersey, all breeds champion, and second place fitting; Dan Kemp with reserve champion Jersey, both of Kathleen.

Other 4-H’ers participating in the event were: Nancy Bath; Larry Bloomfield; Bryan Branch; Laura Gill; Kasandra Williams; Robert Williams; Joseph Mooneyham, and Ellie Croxton, all members of Lakeland area 4-H Clubs.

Bang’s progress reported by USDA

USDA, in a year-end status report on its program to eradicate cattle and swine brucellosis, reported that more states were certified free of the disease in 1980.

According to Paul Becton, national director of the brucellosis eradication program at Washington, D.C., for USDA’s Animal and Plant Health Inspection Service, 31 states and the U.S. Virgin Islands have been certified brucellosis-free.

In addition, 19 states and Puerto Rico have obtained a modified certification standing in the national program to eradicate cattle brucellosis.

Four counties in Florida (Charlotte, Hardee, Highland and Okeechobee), two parishes in Louisiana (Cameron and Lafourche) and Yellowstone National Park in Wyoming have not maintained the minimum standards and remain non-certified, Becton said.

To certify a county or state brucellosis-free, state and federal animal health officials must find that less than one percent of an area’s herds have been infected during the previous 18 months.

A modified certification status is granted when less than five percent of an area’s tested herds are found infected. Areas with herd infection rates greater than five percent are non-certified.
Fort Myers Rodeo held in January

Winners at the January 17-18, 1981 Fort Myers rodeo, listed to four places, with time or mark in parentheses, and monies listed, follow:

Barebacks—Dave Baggett, Brooksville (69) $186.20; Ellis Ballard, Sarasota (66) $116.37; Glen E. Webb, Prairieville, Louisiana (96) $116.37; Jim Ream, Arcadia (61) $46.55.

Saddle bronces—1st go round—Gary Williams, Okahochobee (69) $45.73; Clay Jowers, St. Cloud (62) $34.30; Spence LaFlure, Glendale, Montana (61) $22.87; 4th round split;

2nd go round—Gary Williams (71) $45.73; Clay Jowers (65) $28.58; Mike Ashton, Lorida (66) $28.58; Spence LaFlure (63) $11.43.

Average—Gary Williams (140) $45.74; Clay Jowers (127) $34.30; Spence LaFlure (124) $22.87; Mike Ashton (125) $22.87.

Bull riding—Roy Carter, Crockett, Texas $343.00; David Cunningham, Albany, Louisiana (11.4) $116.37; Mike Ashton, Lorida (71) $116.37; Mike Nabers, Boco Grande (70) $22.87; Scott LaFlure (71) $45.73; Mike Ashton (61) $11.43.

Average—Larry Bailey, Plant City (285) $171.50; Mike Ashton, Lorida (67) $171.50; Mike Ashton, Lorida (65) $171.50; Mike Ashton (66) $171.50; Mike Ashton (65) $171.50; Mike Ashton (66) $171.50.

Calf roping—Larry Bailey, Plant City (11.4) $116.37; Mike Ashton, Lorida (71) $116.37; Mike Ashton, Lorida (67) $116.37; Mike Ashton, Lorida (65) $116.37; Mike Ashton (66) $116.37.

Barrel race—Paula Fortner, Plant City (67) $164.03; Pauette Gilbert, St. Petersburg, Florida (67) $162.68; Mike Ashton, Lorida (70) $162.68; Mike Ashton, Lorida (69) $162.68; Mike Ashton, Lorida (68) $162.68.

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Bull riding—Roy Carter, Crockett, Texas (70) $343.00; Mike Nabers, Bonita Springs (67) $171.50; Shannon Walden, N. Ft. Myers (67) $171.50; David Cunningham, Albany, Louisiana (67) $171.50.

Calf roping—Larry Bailey, Plant City (8.6) $323.56; Sylvester Mayfield, Arlington, Texas (9.8) $244.02; Robert Todd, Jessup, Georgia (11.4) $162.68; Josh Sills, Rayne, Louisiana (12.5) $81.34.

Steer wrestling—Johnny Perdue, Alturas (6.4) $219.52; Bob Bartle, San Antonio (7.0) $164.64; Gary Dymmek, Kilsumme (9.6) $109.76; Gary George, Marianna (14.4) $58.89.

Bareback—Paula Fortner, Plant City (17.0) $303.36; Deb Brannon, Marløy, Oklahoma (17.2) $207.19; Charlotte Lewis, Invalid Town (17.26) $164.03; Paulette Gilbert, St. Petersburg (17.32) $120.86.

Conner seeks aid for stockmen

Commissioner of Agriculture Doyle Conner has asked the USDA to open up the livestock feed assistance program to help overcome the effects of the freeze.

Clyde Payne, state director of the Agricultural Stabilization and Conservation Service (ASCS), recommended loosening the restrictions on the program to make livestock owners eligible for help statewide. Payne said some counties are receiving livestock feed assistance as a result of last summer’s drought.

Federal regulations prohibit use of the feed assistance program in a disaster caused by cold weather. However, the record freeze in Florida recently reduced the amount of grazing by killing perennial grasses and small grains all over the state, and caused financial hardships for livestock owners.

To be eligible for feed assistance, farmers would have to have had a 40 percent or more loss of feed capability, and have applications approved by county ASCS committees to receive financial assistance in purchasing supplemental feed, Payne said.

"The cold, sub-freezing nights, coming on top of a below-normal rainfall season, compounds the lack of feed," Conner said, "Some of our normal winter grazing had not had enough rain to put on any growth." Pastures will come back if they have a timely rain, he added.

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

Again, it is the time for my annual plea to have your horses vaccinated against St. Louis virus and Borna virus (encephalomyelitis). Although it's only February, warm weather in certain parts of the state is already here and the mosquitoes, which are the carriers of sleeping sickness, are starting to swarm. Last year, the laboratory investigated about 75 cases of equine encephalomyelitis. This is somewhat less than what we reported in 1979; however, it is still too high. I feel that, with vaccination of all our Florida horses, we could virtually reduce these losses to encephalomyelitis to 0.

The public relations office of the Florida Veterinary Medical Association again will put on a widespread publicity campaign advising horse owners to vaccinate their horses against equine encephalomyelitis. Hopefully, all horse owners will follow this advice. I urge you to make arrangements with your veterinarian now to have your horses vaccinated. Those of you who have association with saddle clubs, please see that the members are made aware of the need for getting their horses vaccinated.

As we all know, this winter has been hard on pastured animals. We have recently had several cases which may have been related to our weather problem. In these cases, a fairly large number of sudden deaths occurred in cattle in a very short period of time. Three cases occurred in different areas of the state at about the same time.

The animals in these three cases, in general, exhibited the same symptoms—sudden deaths with muscle twitching and salivation. The first impression was that the animals had been poisoned by some type of organic chemical (organic phosphate, chlorinated hydrocarbon, Paraquat, etc.). In one case, empty phosphate, chlorinated hydrocarbon, Paraquat, etc.). In one case, empty potato Allelopathic crops may be the cause..
thinks of other types of poisoning. It is possible that, as a result of the recent severe freeze, certain pasture grasses, which normally are not toxic, are altered by the extreme cold and become toxic. Another possibility, although very remote, is the presence of fungus, which, under the proper conditions, produce potent mycotoxins which can cause sudden deaths.

Grass tetany or grass staggers is another possible cause. Grass tetany is a metabolic disturbance caused by a low blood level of magnesium (hypomagnesemia). We normally think of grass staggers occurring primarily in heavy milking cows that are grazing on lush grass pasture. However, grass staggers can also occur in cattle of any age or condition, particularly beef cattle that may be under-nourished and exposed to changeable cold weather. The disease is characterized by irritability, muscle twitching and convulsions. Apparently normal appearing animals will suddenly throw up their heads, bellow, gallop in a blind and wild manner, fall and undergo severe paddling convulsions. These episodes may be repeated at short intervals with death usually occurring in 2-3 hours. The disease is usually attributed to the low level of magnesium and high levels of potassium and nitrogen in the pasture grass. The high potassium and nitrogen levels combine to limit the magnesium absorption. This condition can be prevented by the addition of magnesium to molasses licks or fertilizing pasture with magnesium oxide or magnesium limestone. Fertilizing will increase the magnesium level of the grass. This application is successful only in certain soils.

A soil analysis and consultation with an agronomist should help provide answers as to what to do if your soil is deficient in magnesium. With proper herd management, large unexplainable losses can be reduced or eliminated.

Hopefully, with warm weather and the return of good pasture conditions, these sudden unexplainable losses will cease.

**Annual ‘Cracker Day’ set by Flagler group**

The annual Cracker Day sponsored by the Flagler County Cattlemen is scheduled for March 28 at the arena on U.S. I, Bunnell.

The event will get underway at 10:00 a.m., with the grand entry parade. Participating will be Lisa Ford, FCA’s Sweetheart from Volusia County.

A barbecue will be served at 12:00 noon. The day’s program will include the traditional rodeo events and horse races.

A highlight will be the pony races for the youngsters with Shetlands, Welsh and cowponies competing.
Land problem becoming controversial point

Although Florida has continued to increase its sales of agricultural products both for home and export consumption, the continued growth of the state's number one industry is threatened by ever-increasing urban encroachment on its farmlands.

This urban pressure is more pronounced in Florida than in most other states. Some areas in south Florida are in danger of losing irreplaceable farmlands to this expansion. In a 10-year span, from 1967 to 1977, farmland loss came to 10 percent in Florida and a national lands study showed that Dade County alone has lost 35 percent of its farmlands to other uses in the last decade.

Commissioner of Agriculture Doyle Conner has noted the problem should be tackled by the legislature at the coming session. But the question of how to preserve agricultural land threatened by urbanization will be a difficult one to cope with.

There is no simple solution. The causes of the problem are complex. Many factors are involved in the loss of farmland, not urban growth alone. Tax, regulatory and compensation policies are interrelated.

We would hope all facets of the problem be analyzed if and when this subject is brought under the scrutiny of the Florida Legislature.

“Aggie-Bond” concept gets into focus

The Florida Legislature has been urged by the state to undertake a study of a proposed revenue-bond financing proposal for agricultural development. It's a plan aimed at making low interest loans available to qualified agriculturalists for capital improvements, and at proposals intended to curb the increasing numbers of sales of agricultural properties to development interests. (See above editorial segment).

The concept, already in operation in three states, is designed to offer loans to farmers/ranchers at interest rates up to four percent lower than current rates offered by commercial lending institutions. The concept is being promoted by the Florida Department of Agriculture.

It is noted such state-issued bonds would permit loans to be made for farm purposes at lower rates than banks and other credit sources charge. Bonds would be similar to those marketed to finance industrial and housing development; the interest payments would be free of federal income taxes to the bond-buyers.

That agriculturalists have difficulty at present securing loans because of the high rate of interest cannot be denied. The bond route would probably allow the farmer to borrow at about half the prime rate.

It will be interesting to watch this concept move along in the legislative halls. There are a number of points to be considered, both pro and con, no doubt.

We see the need for careful study by all involved.

Goals outlined at disease seminar

The recently conducted Exotic Agricultural Threats Seminar (EATS) held in Orlando dwelled on the menacing threats to agriculture from diseases and pests being unwittingly carried into the state from abroad.

It was geared to educating and informing law enforcement representatives about these serious threats, and seeking solutions for preventing such entry.

Goals were established and will be studied further to determine the methods by which they can be placed in operation. The seminar was successful in that communications have been opened between state and federal authorities with the producer, and with the law enforcement segment now being well aware of the real dangers which threaten the agricultural industries.

FCA initially brought this problem to the attention of the state authorities last fall. The resultant action through the presentation of the EATS seminar by state officials is certainly worthy of note.
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