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So Nutrena is looking for beefmen with high feed costs. Because Nutrena can help solve the problem. And solving your problem is the best way we know to earn your feed business.
THE BRUCELLOSIS PROGRAM AS IT AFFECTS Florida producers will be the prime topic at the coming quarterly meeting of FCA’s board of directors. Dates are December 9-10 and it will be held at the Holiday Inn, Fort Pierce, at the intersection of Highway 70 and the Sunshine Parkway. In making plans, keep the date of December 8 in mind because there will be a brucellosis workshop conducted by Dr. Paul Becton, chief of the Florida brucellosis eradication program. It will also be at the Holiday Inn. Then on Friday, December 10, the Animal Industry Technical Council meets to make its recommendations to Commissioner of Agriculture Doyle Conner on brucellosis and other matters as presented by FCA. Other issues will also be covered. A rundown on the program activities for the Fort Pierce directors meeting is contained elsewhere in this issue. FCA President Ralph Cellon, Jr., urges all to attend.

ADDITIONAL NEWS ON THE BRUCELLOSIS PICTURE shows that President Cellon and others attended the recent U. S. Animal Health Association meeting in Nashville, Tennessee. Florida’s case was presented with Dr. C. L. Campbell explaining the progress made in Florida the past two years. At this point, although there are some requirements involved, the primary goal of being able to move calves out-of-state was attained. President Cellon points out three major points: vaccinated heifer calves from herds under a herd plan can move to any state unless that state has imposed prohibitive regulations and a permanent I.D. must be shown which will be a 3/4-inch hole in the left ear; next, there was concern expressed that the integrity of the program must be maintained and that Florida must continue to be able to show progress in eradication as shown in the past two years. On both counts, President Cellon gave assurance that Florida would continue to show improvement and maintain integrity. Further outline of these areas will be given at the Fort Pierce session.

YOU MIGHT KEEP IN MIND THE UPCOMING NCA convention which is set to be held in Las Vegas, January 25-27, 1983. There will be the regular trade show along with a number of educational programs. There will be a special estate planning seminar with a registration fee separate from the fee for the contact. FCA headquarters for details.

CONGRATULATIONS ARE IN ORDER FOR Bud Bronson and Bert Harris. Both waged successful campaigns and won House seats from Districts 77 and 76 respectively. They will both be welcome additions to the legislative scene in Tallahassee with their knowledge of the industry and agriculture.
DECEMBER, 1982
VOL. 47, NO. 3

Calendar

DECEMBER
1—Carolina Farms Sale ......... Cairo, GA
3—Fla. Angus Bull Sale ..... Bartow
3—La. Poled Hereford Sale.... Marksville, LA
4—Circle H Hereford Sale ..... Cleveland, MS
4—National Nomination Quarter Horse Sale. By Video
6—Jo-Sa-Li Hereford Bull Sale. Kissimmee
6—Southside Angus Sale ..... Hawkinsville, GA
6—LJ Bar Beefmaster Bull Sale. Pleasanton, TX
7—Southern Select Pen Bull Sale ... Bartow
7—Alico Hereford Bull Sale. Plant City
9—10—FCA Directors Meeting ... Ft. Pierce
10—Beefmaster Range Bull Sale. Wauchula
11—Lee Limousin Production Sale. Alma, GA
16—Fordham Farm Limousin Disp. Norman Park, GA
16—Lovina Farms Angus Bull Sale ... Wauchula
18—Annual Bull Sale. Chipley

JANUARY
2—6—International Stockmen’s School. San Antonio, TX
9—11—SE National Duroc Congress ... Quincy
11—Ocala Bull Sale. Ocala
14—Avenue of the Breeds Bull Sale. Montgomery, AL
14—FGSA Annual Banquet ... Ocala
15—All Breed Bull Sale. Seffner
15—Florida Santa Gertrudis Sale ... Ocala
21—24—Green Hills Angus Dispersal. Verona, VA
25—30—Manatee Fair. Palmetto
26—29—SW Florida Fair .. Ft. Myers
25—27—NCA Convention. Las Vegas, NV
28—29—Great Southland Futurity. Athens, GA

FEBRUARY
2—3—Florida State Fair .......... Tampa
6—12—Highlands County Fair. Sebring
14—19—Hendry County Fair. Clewiston
14—21—SE Youth Fair. Ocala
15—20—Kissimmee Valley I/S Show ... Kissimmee
21—24—St. Lucie County Fair. Ft. Pierce
24—27—Palm Beach County Fair ... Dade City
25—Mar. 5—Central Florida Fair. Orlando
25—Mar. 5—Starryland Festival. Plant City

MARCH
4—6—Glades County Fair. Moore Haven
7—12—Circuit County Fair. Inverness
7—12—Martin County Fair. Stuart
14—19—Lake County Fair. Eustis
16—18—Polk County Fair. Bartow
18—Alabama Charolais. Montgomery, AL
19—Geminis Springs Santa Gertrudis Sale. Delray
29—April 2—Putnam County Fair .... Palatka

APRIL
23—Dynamic Dam’s Angus Sale. Woodbury, GA
29—Lovana Angus Sale. Clarkeville, GA
30—Generic Adventure Angus Sale. Hampton, GA

MAY
12—13—FIAC Trade Show .......... Tampa


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The Cover for December 1982
Our full color picture for this Santa Gertrudis issue shows one of the females from the Diamond B Ranch herd, Morriston, owned by Troy and Molly Burrell.

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March. . Brahmans
April. . Performance
May. . Animal Health
June. . Florida Pastures
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November. . Angus
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4/THE FLORIDA CATTLEMAN/DECEMBER 1982
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P&SA supervisor retires;
says thanks to Cattlemen

Atlanta, Georgia

This is to inform you that I (retired) as of October 26, 1982. I have been with the U.S. Department of Agriculture for about 40 years. Thirty-four of those years were with the Packers and Stockyards Administration . . .

I want to take this opportunity to express my official and personal appreciation for the fine cooperation you have given me. It’s been a real pleasure knowing and working with you . . .

Quentin H. Bierman
Regional Supervisor

Belle Glade staff appreciate information efforts

Belle Glade . . . We at Belle Glade really appreciate the tremendous job you are all doing in keeping Florida beef producers informed. Keep up the good work and if we can ever be of assistance give you a call.

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Winn-Dixie Stores, Inc.

Latest Statistics

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

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Brucellosis Testing (AITC) . . .

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Livestock Prices Per Hundred (USDA) . . .

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<td>Swine</td>
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Field Crop Prices Per Bushel and Ton (USDA) . . .

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<td>$2.03</td>
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<tr>
<td>Hay, Baled (Ton)</td>
<td>$67.60</td>
<td>64.20</td>
</tr>
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</table>
Merry Christmas

THE PRO-LIX COMPANY
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NEW SALE facilities at the Osceola County Agricultural Center, Kissimmee, have already been used for five sales, including the event above in October.

now in use in Florida. The Kissimmee Valley Livestock Show and Fair Association has new pens and facilities that are available for purebred livestock sales. Ed Partin, St. Cloud, chairman of the association's sale committee, said that five purebred cattle auctions have already been held at the facility, and the group is planning to hold sales throughout the year for all breeds.

Partin said the facilities are some of the best in Florida and the location is well suited for hosting all kinds of sales. The area has a large number of motels within a one mile drive of the facility, which is just 15 minutes from Disney, and a short drive to other area attractions.

The facilities are located at the Osceola County Agricultural Center, on U.S. Highway 192, between Kissimmee and St. Cloud.

Vern Miner, manager of the Kissimmee Valley Livestock Show and Fair, said there are enough portable pens to handle about 75 head of cattle, an elevated sale ring, an auction stand especially designed for purebred sales, and a new sound system. He said breed associations and purebred livestock sale managers will be invited to inspect the facilities. Sales should be booked at least 45 days in advance, he said.

IMC sets date for sixth minerals conference

International Minerals & Chemical Corporation has set January 19, 1983, as the date for its sixth annual International Minerals Conference on animal nutrition. The 1983 technical program will again be held in St. Petersburg Beach, and will be followed by the University of Florida's annual Florida Nutrition Conference, according to C. K. MacDougall, vice president of IMC's Animal Health & Nutrition Division.

"The one-day conference will continue the IMC series concept, which focuses attention on various specific areas of animal nutrition," MacDougall said.

"This year, the program will feature presentations on trace elements by leading experts from the U.S., Canada and Scotland," he said. Speakers on the January 19 agenda will include Dr. N. T. Davies of Rowett Research Institute, Scotland, who will...
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Special contributions from Florida’s purebred beef cattle associations are helping to keep beef the number one choice of Florida consumers.

Above is Sarah Childs, co-chairperson of the 1982 Southeastern Hereford Pen Bull Sale, presenting Florida Beef Council Executive Director Polly Golden with a check for one-half of one percent of the sale gross. The money will help the Beef Council and FCA do an even better job of getting the good word about beef to consumers.

Polly has invited all breed associations to participate in the Beef Council program by donating a percentage or a dollar per head from all association sponsored special sales in Florida. It’s a good way to help make the future bright for the beef business.

Florida Beef Council

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P. O. Box 1929, Kissimmee, Florida 32741
discuss techniques for determining bioavailability of trace elements, and Dr. Bob Blair of the University of Saskatchewan, Canada, who will speak on trace element supplementation and carcass residues.

Also featured on the 1983 conference program will be D. E. Ullrey of Michigan State University, whose topic will be techniques for diagnosing trace element deficiencies; David Beede of the University of Florida, who will report on recent findings in potassium nutrition and the relationship with heat stress in lactating dairy cattle; and C. B. Ammerman, also of the University of Florida, who will discuss toxic aspects of trace elements.

Jim McGillivray, manager of nutrition services for IMC’s Animal Health & Nutrition Division, will conclude the meeting with a report on the usefulness of trace elements in commercial feed phosphates.

More information about the IMC conference may be obtained by contacting Dr. Thomas H. Berry, director of technical service for the division and program coordinator, at IMC’s General Office, 421 Hawley Street, Mundelein, 11, 60060.

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OCALA, 32674

Cow Palace*
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GAINESVILLE, 32601

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QUINCY, 32351

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THE FLORIDA CATTLEMAN/DECEMBER 1982/11
Agribusiness Feature

**Huco/Carey Salt makes commitment to southern agricultural market**

EDITOR'S NOTE—On a periodic basis, agribusiness enterprises in Florida engaged in expansion, innovative practices, and other changes that are considered to have special reader interest will be presented as a feature of our Editor's Desk columns. The initial coverage involves Huco/Carey Salt of Tampa based on an interview with company officials by The Cattlemman.

A marketing oriented company, Huco/Carey Salt has made a commitment to the agricultural market of the south. As Gene Spencer, sales manager, puts it, “We are here to serve.”

Along with Spencer, other company officials pointed out there are four major points the firm is looking at with emphasis on commitment to service. Covering the points were Eugene C. Duffy, vice president and general manager, Carey Salt, Hutchinson, Kansas, and William P. Kirbas, Huco general manager.

Outlining, Spencer said there would be: (1) commitment with people; (2) commitment with capital; (3) commitment with capacity; and (4) commitment with capabilities. The end result will be “commitment to service,” says Spencer.

Huco, formerly National Molasses Company, was purchased by Hughes Feed & Grain Company, which also purchased Tampa Salt, is considered unique in the southeast market in its handling of several product lines. Carey Salt came in with Huco in August 1980 and the dual name firm currently operates as a division of Processed Minerals, Inc., Hutchinson, Kansas.

Operating out of the plant at Gibsontown near Tampa, the company supplies four basic product lines: protein and special blocks; salt; livestock minerals, and dehydrated molasses. A new salt block press is expected to be in place within 30 days, which will be the only one in the southeast. Salt is processed for bulk mixing rock salt; bag mixing rock salt, and \( \text{H}_2\text{O} \) soft salt. Salt is transported to the plant from worldwide sources by ship. A shipload is 30,000 tons and Duffy said, “It’s like having a salt mine.” The salt supply is stored both at the main plant and adjacent warehouses.

Protein and special blocks are manufactured locally which consist of 37 percent protein range block for cattle; 35 percent protein range block for cattle; fly and worm control block for beef and dairy cattle; mineral blocks for beef and dairy horses; stock block for cattle, and horse block for the equine industry.

Minerals for livestock are manufactured locally, also, and consist of private label mineral for livestock and swine at Phos. levels from four percent to 14 percent; SuperMol line of minerals for livestock and swine, and specialty minerals for specified products.

Huco/Carey have the capabilities at the Tampa complex to manufacture and process with its dehydrating plant (dried molasses and super ferm); protein blocks; salt blocks; salt processing, and preparation of livestock minerals. As Spencer says, the marketing concept is “to provide top quality products and services that will result in superior service to the producer of livestock and poultry in the southeastern U.S. agricultural com-

---

**DEHYDRATING TANK** at Huco/Carey Salt for processing dried molasses and super ferm reaches a Fahrenheit temperature of 265 degrees at the peak of preparation.

---

**A BRIGHT** future for the firm is projected by from left, Gene Spencer, Bill Kirbas and Gene Duffy.

munity.”

Products are distributed through feed mills serving the trade in local markets throughout the southeast; through local distributors; large dealer outlets, and custom mixers.

Marketing territory covers into Virginia and to the Ohio border with experienced marketing people assigned to the four regions. Other sales and service personnel are located at the Tampa complex, and the broker concept is observed in some areas of the territory.

Transportation of products is handled by independent truckers and firms in the southeast; customer pickup at Tampa, and by rail to some outlets. Customer service representative is Miss Jody Mertens.

Replying to a query regarding the use of independent truckers primarily, Duffy said it was the most economical methods, and the company “didn’t want to be in the trucking business.”

The officials interviewed were all optimistic about the future and they expect the company to continue its growth both from within and through acquisitions.

Plans on the drawing board call for additional geographic expansion outside of the southeastern area, and with continued emphasis on the commitments to service.

---

**RONALD L.** Ellenburg is plant manager of Huco/Carey Salt and he points to the block storage area in part of the complex.
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The 167-day feeding trial, conducted by Allen Ellicott of the University of Georgia College of Agriculture, involved 40 crossbred heifers averaging 600 pounds each.

Heifers were divided into four groups of 10 head each. Two groups were placed on fescue pasture, one receiving 0.5 mg MGA/head/day and one non-medicated group serving as controls. The remaining two groups were placed on Coastal Bermuda grass overseeded with Rye grass, with one group fed 0.5 mg MGA/head/day and the other (control...
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Fla. Service repair and delivery: call Joe Pearce 813/487-1423

ELECTRONIC business information, communications and computing service for farmers, ranchers and agribusiness known as AgriStar, has been introduced by AgriData Resources, Inc.

MGA-treated heifers returned $18.73 more per head after drug costs and gained an average of 14 pounds more than did control heifers. This increased net return per head resulted from heavier carcass weights and the fact that 25 percent more of the MGA-fed heifers graded choice, the study showed.

211.—Nationwide ag communications service introduced

AgriStar, an electronic business information, communications and computing service for U.S. farmers, ranchers and agribusinessmen has been introduced by AgriData Resources, Inc., the Milwaukee-based publisher of Farm Futures magazine and a range of daily, weekly and monthly farm business information services.

According to an agreement concluded several months ago and announced September 22, Commodity News Services, Inc. (CNS), a subsidiary of Knight-Ridder Newspapers, will act as a major information provider to the AgriStar system. CNS, a leader in the commodity information business since 1953, provides...
YEAR-END SALE
Fence Posts—Wire Products—Gates
Sale Starts December 1 to December 31, 1982.
Open Monday-Friday 7:00 a.m. to 4:30 p.m.
Supply is limited and will be sold on a first come, first served basis. We will book orders by phone for 24 hour pickup. (Please call before you come to confirm that sale items are still available).

**BARBED WIRE:**
- Gaucho 15½ guage 5” barbed wire
  - Regular $23.50—Now $20.95
- Lasso barbed wire 5”
  - Regular $22.95—Now $19.95
- Lasso barbed wire 3”
  - Regular $23.95—Now $22.95

**FIELD FENCE:**
- 1047/6 Regular $73.00—Now $64.95

**STOCK PANELS:**
- 16’—Regular $23.50—Now $21.00

**GATES:** Believe it or not! Priced below 1981 prices.

**Galvanized 5-panel 52” high**
- 10’ Reg. $38.95—Now $34.95
- 12’ Reg. $42.95—Now $38.95
- 14’ Reg. $52.95—Now $44.95
- 16’ Reg. $55.95—Now $50.95

**1-5/8” Tubular Pipe Gates**
- 10’ Reg. $52.95—Now $50.95
- 12’ Reg. $63.95—Now $55.95
- 14’ Reg. $72.95—Now $64.95
- 16’ Reg. $78.95—Now $70.95

**2” Tubular Pipe Gates**
- 10’ Reg. $69.95—Now $64.95
- 12’ Reg. $77.95—Now $69.95
- 14’ Reg. $90.95—Now $80.95
- 16’ Reg. $99.95—Now $87.95

All prices are FOB Ona, Florida. Terms are cash for all sale items.

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<tr>
<th>Penta Pressure Treated Fence Posts (bundle price)</th>
<th>All prices are FOB Ona, Florida. Terms are cash for all sale items.</th>
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<tr>
<td>6½ ft. x 2½” max top—$.95</td>
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<tr>
<td>6½ ft. x 2½” to 3” top—$1.30</td>
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<tr>
<td>6½ ft. x 3” to 3½” top—$1.55</td>
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Posts treated by Florida Fence Post Company meet or exceed AWPA C-16 Specifications.

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AgriStar was launched in early November with 1000 commercial users nationally functioning as a large test group prior to the full market launch in January through Radio Shack stores. AgriData Resources will promote AgriStar through its own and other farm publications. Marketing will also be done through selected agricultural dealer organizations and in cooperation with selected software companies selling into agriculture.

In addition to CNS, AgriData Resources has also concluded information agreements with several major ag industry publishers, meteorological services, commodity brokerage houses and selected agricultural corporations, associations and colleges. Market analysis and recommendations from a range of economists, financial and commodity market information to more than 7500 subscribers nationwide. AgriData will edit and format the entire CNS output for use by farmers and others engaged in agricultural production.

In a related announcement it was revealed that Tandy Corporation has recently concluded an agreement for nationwide electronic retail distribution of the service through some 5000 of its Radio Shack stores and dealers in or near agricultural communities.

The AgriStar service will, for the first time, afford farmers, ranchers and others in the business of agriculture, instantaneous electronic communication among themselves and equally instant access via nearly any microcomputer or terminal to the complete array of business, financial, marketing, weather and news information. All information is continuously updated from several thousand electronically linked sources throughout the U.S. and the world.

"AgriStar was designed to be the total information service for American agriculture," according to Richard Weening, AgriData chief executive. "Its information banks are vast, but for the individual farmer it is very simply a personal information service that can give him any information he needs when he needs it 24 hours a day," he concluded.

AgriStar is fully interactive (two-way) system. It uses the home or office telephone line to connect the microcomputer or terminal to the system data center in Milwaukee via a national data communications network. In addition to instant access to user-selected information, two-way communications between users is afforded by AgriStar's "StarGram" electronic mail service. The user will soon do on-line computer timesharing of farm management programs on a new service to be announced in greater detail by AgriStar in January. Weening indicated that electronic access to several million information and "how to" encyclopedic entries on business and production technology will be available beginning in mid-1983.

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| | Bermudagrass, Unhulled |

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<tr>
<th>BAHIAS</th>
<th>MILLETS</th>
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<tr>
<td>Argentine Bahiagrass</td>
<td>Brown Top Millet</td>
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<tr>
<td>Paraguayan Bahiagrass, Strain 92</td>
<td>Japanese Millet</td>
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<td>Pensacola Bahiagrass</td>
<td>Dove Proso Millet</td>
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<td>*Tibbee Crimson, (Certified). Write us for Mississippi State University Bulletin.</td>
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<tr>
<td>*Subterranean, Mt. Barker (Special Order). Write us for Brochure.</td>
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<td>*Yuchi Arrowleaf, Scarified (Special Order).</td>
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<tr>
<th>SEED OATS &amp; SEED RYE</th>
<th>VETCHES</th>
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<tr>
<td>Fla. 501 Seed Oats (Certified)</td>
<td>*Vantage and Vanguard</td>
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<tr>
<td>Gator Seed Rye</td>
<td>Write us for Auburn University's information on these two varieties</td>
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<td>Florida Black Seed Rye</td>
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<td>Abruzzi Seed Rye</td>
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<th>RYEGRASSES</th>
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<tr>
<td>Gulf Annual Ryegrass</td>
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<tr>
<td>Shannon Brand Tetraploid Pioneer Brand. Write us for brochure.</td>
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<tr>
<td>Marshall Ryegrass (Certified) Funks Brand. Write us for Mississippi State University Bulletin.</td>
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<td>Florida 80 Reseeding Ryegrass (Very scarce). Write us for University of Florida Circular S-291.</td>
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<th>UNIVERSITY OF FLORIDA CIRCULAR S-291</th>
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<td>Florida 80 Reseeding Ryegrass (Very scarce). Write us for University of Florida Circular S-291.</td>
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Save Yourself Some Time and Trouble

You live in the South. And if you are in the market for a bull, you have thousands from which to choose. That could make yours a tough decision, especially if you don't know what you want.

But you do know. You want a guaranteed breeder, one that will get out and work no matter how hot it may be — one that will take care of his share of cows, then come in after breeding season in respectable shape.

You want a bull whose calves are born easy, then weigh heavy at weaning. You want a bull whose sons are going to step down a little harder on the scales — and you'd like some of them to be good enough to follow in his footsteps. You want a bull whose daughters are fertile, efficient producers.

It boils down to this. You want a Santa Gertrudis bull from Big B Ranch. Sixteen years of selection says a Big B bull has all the traits you're looking for. And remember, Big B bulls have been raised in the South. Heat and humidity don't slow them down and they are resistant to the area's plentiful parasites.

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Since every animal travels differently, Hava-Span™ (Sulfamethazine) Prolonged-Release boluses give your animals the individual treatment they need to fight shipping fever complex. The unique Servospan base releases the right amount of sulfamethazine according to the fever of the animal. The higher the fever, the longer the absorption into the bloodstream—from 3½ to 5 days of therapeutic blood levels.

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Hava-Span Prolonged-Release boluses are one of the best protectors your money can buy and they’re competitively priced with every prolonged-release sulfamethazine treatment on the market today. Ask your veterinarian about Hava-Span today. And give your beef a head start against shipping fever complex.
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(Available Horned or Polled)
will be available in AgriStar. AgriStar is compatible with virtually any microcomputer which is equipped to communicate over telephone lines, a modification that typically costs under $200. Either a microcomputer or a communicating terminal can be used. AgriData will provide on a 3-year lease/purchase basis a communicating video display terminal for $32.00 a month including a full three-year warranty. An optional but highly recommended printer for paper copies is available on the same basis for $32.00 a month. 

Not including hardware costs, normal use of the service will cost less than $100 a month in total. There is no telephone charge associated with use. “Well-informed business and marketing decisions can pay for AgriStar a hundred times over each year,” Weening said. “We’ve priced the service to be within the reach of every farmer who operates his farm as a livelihood,” he stated.

For more information check number 211 and return the form on page 8.

1983 Simmental sire summary now available

The American Simmental Association, Bozeman, Montana, publication and release of its 1983 National Simmental Sire Summary. As described by Earl B. Peterson, association executive vice president, “it is the most accurate and up-to-date measurement of the American Simmental breed available anywhere.

“A great deal of the early research work done with Simmental was based upon the genetics of European bred cattle,” Peterson explained. “A key feature of the Sire Summary is that the records come from producers, and thus they represent the current status of the breed more fairly than any other document or report that might be used.”

Progeny data is gathered from ASA performance records provided by Simmental breeders. Breed wide comparisons of sires are tabulated in 12 economic traits, allowing breeders to evaluate the potential usefulness of a large pool of purebred bulls when used in their own herds.

A key feature of the ASA performance program is free calculations of records to members and non-members alike when either the sire or dam is a registered Simmental. Thus, a commercial producer may obtain cost-free performance calculations by using a registered Simmental bull, and submitting the data to ASA.

In 1971 the initial Sire Summary listed 13 purebred sires and 6778 progeny from 301 management units. The 1983 edition, by comparison, lists 1610 purebred sires and 518,069 animals from 54,043 management units. The Sire Summary includes a listing of 86 Genetic Trait Leaders, identifies reference sires; carries a trait correlation table and other information.

The Simmental Sire Summary is mailed free of charge to all active ASA members. Non-members may obtain

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Our experience indicates that Grass Tetany problems tend to occur on farms with high productivity and above-average management practices.

FRM's Wintergrazer is a free-choice cattle mineral formulated to feed when grazing small grains, millet, fescue and early spring grasses.

As always, Wintergrazer and all FRM products are especially designed for the Georgia, Florida and Alabama area, so you can rest easy knowing that your livestock's particular nutritional needs are being considered. See your local FRM dealer today.
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213—Revive newborn calves with easy-to-use device
Beef and dairy producers who’ve had to helplessly stand by and watch newborn calves die at birth because the animal couldn’t breathe properly now can save the majority of those calves with an easy-to-use device that costs under $50.

The hand-operated Vetaspirator Jr., manufactured by The Magrath Company, McCook, Nebraska, rescues calves that are born with a heartbeat but aren’t either not breathing or breathing with great difficulty.

Once the umbilical cord is severed at birth, an animal that is not breathing generally dies after three minutes if something isn’t done to revive him.

Now, with the Vetaspirator Jr., producers who observe the non-breathing calf immediately after birth have a good chance of saving the animal.

The product consisting of a detachable 10 inch long plastic bellows, a hardwood handle, and a detachable aspiration tube and face mask, can easily be used by one person.

The aspiration tube allows the producer to remove the fluids which nearly always block the oral and nasal passages of the non-breathing or poorly-breathing calf.

Then, by quickly removing the aspiration tube and attaching the face mask, the producer can begin pumping air into the calf’s lungs by means of the bellows.

Dr. Joseph Magrath, a rural veterinarian in Nebraska for more than 25 years, developer of the Vetaspirator Jr., says of the device:
"I view the Vetaspirator Jr. about the same way I view a fire extinguisher. You’d be happy if you never had to use it, but you’re sure glad you’ve got it when the need arises.”

Horse owners also can use the device with equal success on newborn foals, says Magrath.

For more information check number 213 and return the form on page 8.

Rohn introduces total solid confinement fencing
Rohn Agri Products, Peoria, Illinois, has announced the availability of Total Solid
Wear the brand... 
Endorsed by The Florida Cattlemen's Association

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Tom Willis
Trenton, Florida

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14' cattleguard $435
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Complete Palmetto Removal
Dozer, Loader, Grader, Heavy and Light Discing, Two Rotovators
Modified for Sod Fields

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Land Clearing
Call us Collect
Due to the tremendous response another Palmetto Removal Machine has been added to our Fleet of Machinery.

Gabel heads cattle-fax as market analysis director
Steve Gabel has been appointed director of market analysis for Cattle-Fax, a market analysis service associated with the National Cattlemen's Association.

Gabel, who has been with Cattle-Fax since 1979, will direct a staff of regional analysts who serve Cattle-Fax members nationwide. He succeeds Jerry Bohn, who recently accepted a feedlot manager's position in Kansas.

Gabel will continue as feedlot analyst for Colorado and will assume responsibility for feedlots in the Panhandle region. He also will coordinate preparation of the weekly report to Cattle-Fax members.

HOG confinement fencing from Rohn Agri-Products utilizes all solid steel horizontal and vertical rods.

Rod Confinement Fencing constructed of all solid steel horizontal and vertical rods, welded construction and hot dip galvanized after fabrication for ultimate strength and corrosion resistance.

The new confinement fencing utilizes heavy 7/8 inch solid rod top and bottom horizontal bars, solid 1/2 inch vertical rods are used for finishing confinement and 3/8 inch vertical rods are used for nursery confinement fencing.

“Our customers were seeking a way to increase the durability and life of confinement fencing. We developed the new total solid rod approach to provide a long term economical approach to the rigorous demands of today's hog producers,” stated Richard Rohn, president.

Solid Rod Confinement Fencing is available in four heights, 30, 34, 38 and 48 inches to meet varying needs for growing, finishing, gestation or breeding operations.

The Rohn solid rod fencing requires no posts which makes it easily adaptable to existing confinement facilities. All welded construction plus Hot Dip Galvanizing after fabrication assures maximum corrosion resistance.

Rohn Agri Products has provided livestock producers with innovative, dependable quality confinement and feeder equipment for over 25 years, the firm points out.

HOG confinement fencing from Rohn Agri-Products utilizes all solid steel horizontal and vertical rods.
Hawkins to help implement King Ranch bull test

Harold E. "Hal" Hawkins, 34, has joined King Ranch as associate to Norman R. Parish, reproductive physiologist at the ranch's Kingsville, Texas, headquarters.

The Lajara, Colorado, native attended Adams State College and is a 1974 graduate of Brigham Young University, Provo, Utah, with a bachelor's degree in animal science. He has to his credit extensive work at BYU toward a master's in reproductive physiology.

Hawkins is working with Parish on the ranch's bull fertility test and breeding soundness evaluation, a comprehensive program that has been in limited use at King Ranch for several years but is being applied to all 5500 Santa Gertrudis herd bulls for the first time this year.

The test was developed by Parish and Dr. J. N. Wiltbank (with whom Hawkins studied at BYU) and is aimed at increasing conception rates in the ranch's multiple sire pastures by locating any infertile or subfertile breeding age bulls. It involves visual appraisal and three measurements: Testicle circumference, semen mobility (amount of movement in sperm) and semen morphology (percent of normal sperm). Extensive tests at King Ranch have indicated the program can lead to a six percent increase in conception rates.

Hawkins also will be involved with record keeping, A.I. and palpating. According to Parish, Hawkins' several years of varied, practical experience while ranching after college is an especially valuable asset.

Hawkins and his wife, Barbara, and their sons, Nick 7, Jess 6, and Josh 4, reside at home the ranch's Laureles division near Kingsville.

What's left out of a feed is important, too

When you buy a protein block or any other livestock feed supplement, it's good business to know what's in it.

But it's also good business to check what's left out. Both play a part in your animals' performance.

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3. First oil-adjuvanted 8-way vibrio-lepto vaccine released

   A major step forward in vibrio-lepto vaccines has recently been released by Fort Dodge Laboratories, Fort Dodge, Iowa.

   New TriVib 5L® is the first combination vibrio-lepto vaccine with a special oil adjuvant, the firm says.

   Research has shown that an oil adjuvant enhances the antigenic response against vibrio-causing organisms (Campylobacter fetus). It helps boost antibody levels in the blood, and then maintains these antibody levels over a longer period of time.

   New 8-way oil-adjuvanted TriVib 5L provides highly effective protection against three strains of vibrio and five serotypes of leptospirosis, the eight major causes of infertility, delayed breeding, strung-out calf crops, and abortions in beef and dairy cattle.

   The leptospirosis fraction of new TriVib 5L is produced by the Bio-Ferm process, using bovine albumen as a substitute for whole serum. This greatly reduces the potential for anaphylactic shock.

   With just one 5-ml. shot, this new 3-vibrio, 5-lepto vaccine (See label for full dosage information) helps protect the entire herd of your calf crop eight ways—and more.
FORT DODGE Laboratories now offers the first 8-way vaccine which can help save stress on animals. Up your efficiency by cutting down on time, labor and handling of animals.

Glossary of natural resource management terms released
An expanded edition of the Resource Conservation Glossary has been released by the Soil Conservation Society of America, Ankeny, Iowa. This third edition of the glossary includes more than 4,000 terms used in soil and water conservation and 32 other natural resource disciplines and technologies. Among the disciplines and technologies represented are agriculture, fish and wildlife biology, cartography, conservation education, computer science, ecology, economics, engineering, geology, forestry, horticulture, hydrology, irrigation, land use planning, outdoor recreation, plant materials, mining, range science, remote sensing, waste management, and weather modification. The 200-page, 6 x 9 inch book features a durable softbound cover suitable for field use.

Copies are available from SCSA, 7515 N.E. Ankeny Road, Ankeny, Iowa 50021, for $7.00 ($6.00 for SCSA members), postpaid.

Hardin named field technical representative
Rick Hardin has been named field technical representative by Haver-Lockhart, BAYVET Division Cutter Laboratories, Inc., Shawnee, Kansas. Hardin will be part of a team of field technical representatives to support Haver-Lockhart's Prostaglandin Business Unit and work with Haver-Lockhart sales representatives and practicing veterinarians to support Haver-Lockhart's Estrumute and Equimate marketing. He will be monitoring university field demonstration trials using Estrumute® — a cattle prostaglandin introduced by Haver-Lockhart earlier this year. Hardin serves as a source of information and technical expertise relating to the proper use of prostaglandin.

Hardin has extensive experience in bovine management and physiology. He received his Ph.D. in animal reproduction from Texas A&M University, his M.S. at the University of Florida and his B.S. from Middle Tennessee State University.
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1939: Cattle tour highlights were given

Clyde Beale, assistant extension editor, University of Florida, wrote a feature article on a cattle and pasture tour sponsored by the state cattlemen’s association. A total of $4850 in premium money was set for the 1940 Florida State Fair breeding show. A news item pointed out that every herd of cattle in the U.S. had been tested for tuberculosis at least once.

1944: Importance of census was noted

An editorial pointed out the importance of the agriculture census where valuable information is obtained on the nation’s farming and ranching enterprises. The Tallahassee Chamber of Commerce bought five Horned Hereford bulls for distribution to farmers in the area at Seminole Farms sale, Donalsonville, Georgia. Modena Plantation, Savannah, Georgia, consigned one bull and two heifers to the Southeastern Angus Association show-sale at Atlanta.

1949: Bronson was re-elected president

Irlo Bronson, Kissimmee, was re-elected for a fourth term as president of the state cattlemen’s association at the group’s annual convention in Tampa. 175 entries made the Sumter All-Florida Breeders’ Show the largest all-breed event in Florida history. Lazy B Ranch near DeFuniak Springs held a barbecue and field day which attracted several hundred visitors.

1954: Gunter was featured on cover

Billy Gunter, Live Oak, national president of the Future Farmers of America, was featured on the cover of The Cattleman. J. B. Starkey of Largo was elected president of the Florida Cattlemen’s Association, succeeding Ben Hill Griffin, Jr., of Frostproof. Tom Cannon, Jr., of Live Oak, was re-elected president of the Florida Swine Producers Association.

1908: Photographed at the Experiment Station

The photo came from the files at the University. The Cattleman needs old pictures for this space and will return the photos undamaged after use.

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PHOTOGRAPHED AT THE EXPERIMENT STATION, University of Florida, in 1908 was this group of Shorthorn cows with the herd bull shown at right, known as Duke of Niagara.
FCA directors session set at Fort Pierce

The December quarterly meeting of FCA’s board of directors is being co-hosted by the St. Lucie and Martin County Cattlemen’s Associations. Location is the Holiday Inn, Fort Pierce at the intersection of the Sunshine Parkway and Highway 70 and dates are December 9-10.

A special meeting on the state’s brucellosis program will be held Wednesday, December 8 beginning at 1:00 p.m. This will be a workshop concept conducted by Dr. Paul Becton, chief of the state’s brucellosis eradication program and is designed to review the changes in the Florida regulations to conform with the UM&R. The session will be held at the Holiday Inn, Fort Pierce, preceding the quarterly meeting.

On Thursday, December 9 the executive committee will meet at 10:00 a.m., with the CowBelles executive committee also meeting at the same time. Allied members will meet for a luncheon session at 12:30 p.m. At 2:00 p.m., a CowBelles presentation will be given which is open to all cattlemen and CowBelles. Committees will meet at 3:30 p.m., to wind up the business sessions. A hospitality hour is scheduled for 6:30 p.m., followed by dinner at 7:30 p.m., and a dance at 9:00 p.m.

Ralph Cellon, Jr., Alachua, will host a past presidents breakfast at 7:30 a.m., Friday, December 10. FCA’s board of directors will convene at 9:00 a.m.; as will the CowBelles board with adjournments scheduled for 12:00 noon.

A meeting of the Animal Industry Technical Council chaired by Pete Clemons, Okeechobee, is slated for 1:30 p.m.

Meat exports may be helped

USDA is setting up a program that might be some help in increasing meat exports. Under the program, which includes money made available in the Farm Act of 1981, USDA will provide $1 of interest-free financing for every certain number of dollars borrowed from Commodity Credit Corporation funds by buyers of U.S. commodities.

The number of dollars on which interest is paid will vary, USDA says. A total commitment of $1.5 billion in credits over three years is involved. Although at present not much meat is shipped to overseas buyers under CCC credit programs, under the program it is conceivable meat shipments would increase.

Meat exports may be helped

If your lender thinks a Limousin needs a chauffeur, you’re borrowing at the wrong place.

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There’s an office near you. Call or come by today and talk loans for beef cattle production with people who speak your language.

We speak your language.
Winners named at three Florida Livestock shows

Three regional livestock shows held open beef competition during the fall in Florida.
The three events covered by The Cat-
tlemen include the Northeast Fair, Callahan; the Greater Jacksonville Fair, Jacksonville; and the North Florida Fair at Tallahassee.
The Callahan event hosted five breeds—Angus, Santa Gertrudis, Brahman, Limousin, and Polled Hereford. Don Hargrove, University of Florida, and James Coker, a Brahman breeder from Alachua County, shared the judging duties at the event. A total of 217 head were exhibited.
The Jacksonville show had 180 head of beef cattle, including Limousin, Santa Gertrudis, Angus and Brahman. The cattle were judged by Dan Daniels, Athens, Georgia, and Louis Gilbreath, Ocala.
Eight breeds of cattle were exhibited at the Tallahassee show. The 131 head were all judged by Sim Sumner, Bartow.

Grand champions and reserve grand divisions, and division and reserve divi-
sions named at the three events follow:

**Callahan**

**Angus—74 head**

Junior heifer calf champion: Black Shadow Queen 0282, owned by Black Shadow Angus Farm, Zephyrhills.
Reserve junior heifer calf champion: Bemelmeade Erica 102, owned by Bemelmeade Farm, Lake City.
Senior heifer calf champion: Miss Erica F61, owned by Michael Fussell, Barrow; exhibited by Lee and Sons Cattle Service, Eustis.
Reserve senior heifer calf champion: Electra Pride, owned by Black Shadow Angus Farm, Zephyrhills.
Intermediate heifer calf champion: Fairtime Mayzelle 117, owned by Franks Angus Farm, Lenox, Georgia.
Intermediate heifer calf champion: Princess 175 of Boc-
taro owned by Bocntaro Ranch, Lake City.
Junior heifer calf champion: Pebblebrook Petunia 134, owned by Brady's Angus Farm, Brooksville.
Reserve junior heifer calf champion: Elisa D 301, owned by Windy Hill Farms, Lake City.
Grand champion heifer calf: Miss Erica F61, owned by Michael Fussell; exhibited by Lee and Sons Cattle Service, Eustis.
Reserve grand champion heifer calf: Black Shadow Queen 0282, owned by Black Shadow Angus Farm, Zephyrhills.

Junior bull calf champion: Circle C Brother 201, owned by Cypress Creek Ranch, Dale City; exhibited by Lee and Sons Cattle Service, Eustis.
Reserve junior bull calf champion: Frank's Sonic Jet, owned by Franks Angus Farm, Lenox, Georgia.
Senior bull calf champion: Bevo Proton 98 Bocztro, owned by Bocntaro Angus Ranch, Lake City.
Reserve senior bull calf champion: Timberline Progressor, owned by Bemelmeade Farm, Lake City.
Intermediate bull calf champion: Bemelmeade Adventure 21, owned by Bemelmeade Farm, Lake City.
Intermediate bull calf champion: Bemelmeade Woodway 41, owned by Bemelmeade Farm, Lake City.
Junior bull calf champion: Live Oaks Bartman, owned by Fails Angus Farm, Laura Hill; exhibited by Lee and Sons Cattle Service, Eustis.
Reserve junior bull calf champion: Briarhill Bartman 2711, owned by Briarhill Farm, Lake City.
Reserve senior bull calf champion: Bevo Proton 98 Bocztro, owned by Bocntaro Angus Ranch, Lake City.
Grand champion bull: Live Oaks Bartman, owned by Fails Angus Farm, Laura Hill; exhibited by Lee and Sons Cattle Service, Eustis.
Reserve grand champion bull: Briarhill Bartman 2711, owned by Briarhill Farm, Lake City.
Reserve junior bull calf champion: Bevo Proton 98 Bocztro, owned by Bocntaro Angus Ranch, Lake City.
Grand champion bull: Live Oaks Bartman, owned by Fails Angus Farm, Laura Hill; exhibited by Lee and Sons Cattle Service, Eustis.
Reserve grand champion bull: Circle C Brother 201, owned by Cypress Creek Ranch, Dale City; exhibited by Lee and Sons Cattle Service, Eustis.

**Santa Gertrudis—69 head**

Champion heifer calf: Miss Diamond B, owned by Diamond B Ranch, Morriston.
Reserve champion heifer calf: Miss Thomas 204, owned by D. L. Thomas Ranch, Lake City.
Senior champion heifer calf: Ramona 58.1, owned by Diamond B Ranch, Morriston.
Reserve champion heifer calf: Miss Stage Coach 26.1, owned by Stage Coach Ranch, Dade City.
Senior heifer calf champion: Miss Stage Coach 14.0, owned by Stage Coach Ranch, Dade City.
Reserve senior heifer calf champion: Miss Thomas 072, owned by D. L. Thomas, Lake City.
Grand champion heifer calf: Miss Stage Coach 14.0, owned by Stage Coach Ranch, Dade City.
Reserve grand champion heifer calf: Miss Thomas 072, owned by D. L. Thomas, Lake City.
Champion bull calf: Fla. Governor 580, owned by Diamond B Ranch, Morriston.
Reserve champion bull calf: Jake 205, owned by D. L. Thomas, Lake City.
Champion junior bull: Diamond B's Royal Governor, owned by Diamond B Ranch, Morriston.
Reserve champion yearling bull: Jake 11, owned by D. L. Thomas, Lake City.
Senior champion bull: Mr. Stage Coach 20.0, owned by Stage Coach Ranch, Dade City.
Reserve senior champion bull: Mr. Stage Coach 17.0, owned by Stage Coach Ranch, Dade City.
Reserve champion bull: Mr. Stage Coach 20.0, owned by Stage Coach Ranch, Dade City.
Reserve champion bull: Mr. Stage Coach 17.0, owned by Stage Coach Ranch, Dade City.
Get-of-sire: Gingerbred Farm.
Best five head: Gingerbred Farm.

**Brahman—40 head**

Champion calf female: WHS Exo Female 0211, owned by W. H. Studet Ranch and CMC Limousin, McDonough, Georgia.
Junior champion female: Miss Gamel Kabar 351, owned by Kabar Ranch, Jacksonville.
Reserve junior champion female: VM Blanka 82, owned by Heart Bar Ranch, Kissimmee.
Senior champion female: Miss Gamel Kabar 267, owned by Kabar Ranch, Jacksonville.
Reserve senior champion female: HPS Miss Ekron 94, owned by Heart Bar Ranch, Kissimmee.
Grand champion female: Miss Gamel Kabar 351, owned by Kabar Ranch, Jacksonville.
Reserve grand champion female: VM Blanka 82, owned by Heart Bar Ranch, Kissimmee.
Champion bull calf: Mr. Garces 109, owned by Santa Ana Ranch, Clewiston; exhibited by Lee and Sons Cattle Service.
Junior champion bull: AEW Manso Bevo 127.666, owned by Creston O Ranch, St. Cloud.
Reserve junior champion bull: B. S. Sugar Boy 27.0, owned by W. H. Stude Ranch, Jacksonville.
Reserve senior champion bull: Loxey Kabar 315, owned by Kabar Ranch, Jacksonville.
Grand champion bull: B. S. Sugar Boy 27.0, owned by W. H. Stude Ranch, Bartow.
Reserve grand champion bull: Loxey Kabar 315, owned by Kabar Ranch, Jacksonville.
Reserve champion bull: (Get of: Dame) of Berta Kabar 141, owned by Kabar Ranch.
Get-of-sire: Get of Loxacana 177, owned by Kabar Ranch.

**Limousin—21 head**

Junior champion heifer: Miss Gingerbred Sarah, owned by Gingerbred Farm, Maxville.
Reserve junior champion heifer: Misty, owned by Franks Angus Farm, Lenox, Georgia.
Senior champion heifer: Miss Gingerbred Electra, owned by Gingerbred Farm, Maxville.
Reserve senior champion heifer: Miss Rossola 404N, owned by Rossola Farms, Ocala.
Grand champion heifer: Miss Gingerbred Electra, owned by Gingerbred Farms.
Reserve grand champion heifer: Miss Rossola 404N, owned by Rossola Farms, Ocala.
Two females bred and owned by exhibitor: Gingerbred Farm.

Champion bull calf: Mr. Gingerbred 2P, owned by Gingerbred Farm.
Reserve champion bull calf: Mr. Keyed Up 16N, owned by Franks Angus Farm, Lenox, Georgia.
Junior champion bull: Citation 0465N, owned by Gingerbred Farms.
Reserve junior champion bull: Boxe Kilo Wati, owned by J. A. Evans, Baldwin.
Grand champion bull: Mr. Gingerbred 2P, owned by Gingerbred Farm.
Reserve grand champion bull: Citation 0465N, owned by Gingerbred Farms.
Two bulls, bred and owned by exhibitor: Gingerbred Farm.
Pair of yearlings: Gingerbred Farm.

**Santa Gertrudis—78 head**

Champion heifer calf: Miss Diamond B 69, owned by Da-
mond B Ranch.
Reserve champion heifer calf: Miss Thomas 204, owned by D. L. Thomas Ranch.
Champion yearling heifer: Romanu 58.1, owned by Diamond B Ranch.
Reserve champion yearling heifer: Miss Stage Coach 13.0, owned by Stage Coach Ranch.
Senior champion heifer: Miss Stage Coach 13.0, owned by D. L. Thomas Ranch.
Reserve senior champion heifer: Miss Stage Coach 13.0, owned by Stage Coach Ranch.
Grand champion heifer: Miss Stage Coach 13.0, owned by Stage Coach Ranch.
Reserve grand champion heifer: Miss Stage Coach 13.0, owned by Stage Coach Ranch.

Champion bull calf: Fla. Governor 80, owned by Diamond B Ranch.
Reserve champion bull calf: Diamond B's Royal Governor, owned by Diamond B Ranch.
Champion yearling bull: Tarzan 126, owned by D. L. Thomas Ranch.
Senior champion bull: Mr. Stage Coach 17.0, owned by Stage Coach Ranch.
Reserve senior champion bull: Mr. Stage Coach 20.0, owned by Stage Coach Ranch.
Grand champion bull: Mr. Stage Coach 17.0, owned by Stage Coach Ranch.
Reserve Grand champion bull: Mr. Stage Coach 20.0, owned by Stage Coach Ranch.

(Get of continued page 66)
STAGE COACH Ranch showed the grand champion Santa Gertrudis bull at Jacksonville and the reserve grand champion at Callahan.

D. L. THOMAS exhibited the reserve grand champion Santa Gertrudis female at Jacksonville and Callahan.

PRINE Limousin showed the grand champion Limousin female at Jacksonville.

PRINE Limousin showed the reserve Limousin female at Jacksonville.

BELLEMEADE Farm exhibited the grand champion Angus bull at Jacksonville.

MIKE Fussell exhibited the grand champion Angus female at Jacksonville.
CLYDE & BETTY Goudeau exhibited the grand champion Brahman female at Jacksonville.

KABAR Ranch showed the reserve grand champion Brahman female at Jacksonville.

KABAR Ranch showed the grand champion Brahman bull at Jacksonville and the reserve grand champion Brahman bull at Callahan.

LUCIOUS Wilson exhibited the reserve grand champion Brahman bull at Jacksonville.

MICHAEL Fussell exhibited the grand champion Angus Female at Callahan.

BLACK SHADOW Angus Farm showed the reserve grand champion Angus female at Callahan.

FAIST Angus Farm exhibited the grand champion Angus bull at Callahan.

CYPRESS CREEK Ranch exhibited the reserve grand champion Angus bull at Callahan.

GINGERBRED Farm showed the reserve grand champion Limousin bull at Callahan.

GINGERBRED Farm showed the reserve grand champion Limousin female at Callahan.

GINGERBRED Farm showed the grand champion Limousin female at Callahan.

ANHINGA Farms exhibited the grand champion Polled Hereford female at Callahan.
RIVER DIVIDE Ranch showed the reserve grand champion Polled Hereford female at Callahan.

RIVER DIVIDE Ranch showed the grand champion Polled Hereford bull at Callahan.

B. J. DIXON showed the reserve grand champion Polled Hereford bull in Callahan.

KABAR Ranch showed the grand champion Brahman female at Callahan.

HEART BAR Ranch showed the reserve grand champion Brahman female at Callahan.

W. H. STUART Ranch exhibited the grand champion Brahman bull at Callahan.

STAGE COACH Ranch showed the grand champion Santa Gertrudis female at Callahan.

SPRING CREEK Farms showed the grand champion Polled Hereford female at Tallahassee.

SPRING CREEK Farm exhibited the reserve grand champion Polled Hereford female at Tallahassee.

H. T. McWATERS exhibited the grand champion Polled Hereford bull at Tallahassee.

SPRING CREEK Farm showed the reserve grand champion Polled Hereford bull at Tallahassee.

WILDWOOD ACRES exhibited the grand champion Angus female at Tallahassee.
FORT RICH Farms showed the reserve grand champion Angus female at Tallahassee.

BOZZUTO Angus Ranch showed the grand champion Angus Bull at Tallahassee.

WILDWOOD ACRES exhibited the reserve grand champion Angus bull at Tallahassee.

McLEOD Farms exhibited the grand champion Brangus female at Tallahassee.

FLINT Land and Cattle showed the reserve grand champion Brangus female at Tallahassee.

FLINT Land and Cattle showed the grand champion Brangus bull at Tallahassee.

MARTIN'S Casa Grande showed the grand champion Brangus bull at Tallahassee.

MILANDI Farms showed the grand champion Limousin bull at Tallahassee.

MILANDI Farms showed the reserve grand champion Limousin bull at Tallahassee.

MILANDI Farms showed the grand champion Limousin female at Tallahassee.

MILANDI Farms showed the reserve grand champion Limousin female at Tallahassee.

MILANDI Farms showed the champion Limousin Tallahassee.

WASDIN Charolais Ranch exhibited the grand champion Charolais female at Tallahassee.

(Continued on page 75)
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Santa Gertrudis meet the challenge in all areas

by KIM D. DORROH
Publicity Director, SGBI

Santa Gertrudis was the first beef breed developed in North America. Experimental crossbreeding began about 1910 on the Santa Gertrudis division of the King Ranch in south Texas. From a cross of Brahman and Shorthorn, an outstanding bull calf named Monkey was produced in 1920. He became the foundation sire of the breed.

USDA recognized Santa Gertrudis as an official breed in 1940 and Santa Gertrudis Breeders International was organized in 1951 to maintain records and to promote and improve the new breed. Today, the breed thrives in 49 states and 24 foreign countries. There are over 3000 members and over 422,000 animals in the registry.

SGBI requires that animals be individually inspected by an association representative before being accepted for permanent registration. In 1981, the three field directors classified and branded with the “S” (for purebred) or the “S Bar” (for accredited) a total of 24,000 bulls and females which met the requirements of the SGBI Standard of Excellence. Such a system of visual appraisal helps maintain the purity and quality of the breed.

SGBI offers a grading-up program whereby a commercial cattleman can breed up to purebred status through the use of purebred Santa Gertrudis bulls on four successive top crosses, regardless of the original breed of the cow herd.

The Santa Gertrudis youth program with 1100 junior members has grown into one of the largest and most active in the purebred industry. At the Fifth Annual National Show June 18 in Dallas, Texas, 220 juniors from 11 states exhibited a record 343 heifers in competition for a record purse.

The biggest event of 1981 was the triennial World Congress held October 11-14 in Dallas (the first time in the U.S.) Santa Gertrudis breeders from throughout the U.S., South Africa, Mexico, New Zealand, Australia, Guatemala, Colombia, and Brazil accounted for the excellent attendance. Over 320 entries competed in the Third World Congress Show.

An accelerated demand by consumers for leaner beef, for beef cuts with less waste fat and more edible meat, favors breeds of cattle that possess great growth potential. Santa Gertrudis is one of the outstanding “growth” breeds as evidenced by the rate of gain records compiled by this “Original American Beef Breed.” Functional cattle and cattle breeds must possess the capability to grow rapidly, obtain the desired market weight and exhibit an optimum ratio of fat to lean. The future popularity of a breed of cattle will be affected by these and other economically-important traits.

Commercial cattlemen of the future will utilize crossbreeding and the accompanying heterosis or hybrid vigor to improve production levels of their cattle and the economic status of their operations. Field data and research results show that the Santa Gertrudis breed makes a highly-significant contribution in a crossbreeding program in the important areas of calf livability, heavy weaning weights, excellent mothering ability, rapid and efficient feedlot gains and leaner, more desirable cuts of beef. These characteristics assure the breed of an important role in future beef production.

SANTA GERTRUDIS CATTLE, like this young cow, have been a popular breed in Florida for many years. Several Florida breeders were charter members of SGBI when the breed group was formed. Some are still active breeders.

Doubloon Stuff D303
"the winningest Polled Bull in the Breed!"
Shown 31 times, 27 firsts, 2 seconds, 2 thirds and 19 champions.
Won class at Texas State Fair.
Weaning index 132 & yearling 149!
Our man sire!

Ringo’s Masterpiece II 83

Come to the 20th Fla. Santa Gertrudis Sale
Jan. 15—Ocala, Fla.

We’re selling:
1 Polled Show Bull
1 Masterpiece Champion Bull
1 Polled cow/calf
1 Horn Cow
Champion bloodlines!
Watch for our champion show cattle at the fairs.
We always have quality cattle for sale.

DIETRICH’S
FLYING D RANCH
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Orlando, Florida 32820
When it comes to Santa Gertrudis just remember one thing.
Ross Brothers breeds the best!

RB 921, pictured above, is the latest in a long string of Florida Premier Santa Gertrudis from our herd. He is the seventh premier individual and ninth premier winner from the herd since we started showing Santa Gertrudis. Our other Premier winners were: Red Raider 01 (1972-73), RB 324 (1975-76), Masterpiece 402 (1976-77 and 1975-76), Miss RB 811 (1979-80 and 1980-81), and RB 701 (1979-80).

Proven by a long list of Florida premier show winners, Ross Brothers Santa Gertrudis are noted as top performing cattle. Our program is designed to produce Santa Gertrudis in an economical and practical way so they will be good, useful cattle for any program—purebred or commercial. Come by for a visit and let us show you our program. We think you‘ll like the way we raise cattle. Give us a call.

ROSS BROTHERS
SANTA GERTRUDIS
BRANFORD, FLORIDA

Watch for our consignments at the 1983 Florida Santa Gertrudis Association Sale, Ocala, Florida, Saturday, January 15, Southeastern livestock pavilion.

Hansel (Bubba) Ross
904/935-1782

Bill Ross
904/935-1750
Cove Bend Ranch

Santa Gertrudis

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Hank Baggett, Manager

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Purebred Santa Gertrudis

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Hank Grant

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ROBERT C. BRANNAN, JR., Rt. 2 Box 242, Maitland, FL 32763
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TROY E. BURRELL, JR., Diamond B Ranch, Rt. 2A Box 221, Morriston, FL 32668
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HARWELL & HARWELL, P.O. Box 3379, Lakeland, FL 33802
PAUL E. HATFIELD, 612 S. Willow Road, Evansville, IN 47714
LESTER & BARBARA HOLT, 1711 S.W. 107th Place, Ocala, FL 34671
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Florida Santa Gertrudis Sale
Four Bred Heifers

TB and Bangs certified herd #740

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SANTA GERTRUDIS

The kind that WEIGH and PAY on good Florida pastures!

42/THE FLORIDA CATTLEMAN/DECEMBER 1982
K. D. Eatmon Santa Gertrudis have established one of the best breed reputations based on careful selection and performance for many years. Bulls like the one shown above are consistently produced. They’re guaranteed to improve your herd with fast-gaining calves, the kind you’ll want to keep.

And—for the commercial cattleman—Eatmon Santa Gertrudis will give you the hybrid vigor needed to keep your herd profitable.

**Merry Christmas and Happy New Year To All**

K. D. EATMON SANTA GERTRUDIS

Charles Wolf, Mgr.
John Bass, Herdsman

2922 N. State Road 7, Pompano Beach FL 33063
Record sugar crop projected

Dalton Yancey, vice president and general manager of the Florida Sugar Cane League, reports an estimated 1,144,000 tons of raw sugar are expected to be produced during the 1982-83 grinding season. The figures were based on a preliminary crop projection, Yancey said.

Harvesting of the crop began in mid-October. The industry expects to harvest 11.6 million tons of sugar cane from 333,200 acres.

Florida's sugar cane crop amounts to more than one-fifth of all sugar annually produced in the U.S. and represents almost 12 percent of U.S. sugar consumption. Florida is the largest sugar-producing state.

Yancey pointed out Florida's sugar industry accounts for over $1 billion of economic activity to south Florida and generates full-time jobs for over 25,000 people.

World meat production slated to increase

USDA reported recently the world's major producing and trading countries are forecasted to produce 104.7 million metric tons of meat in 1983.

After slightly declining in 1982 because of generally weak economic growth and reduced numbers in some countries, meat production may rise slightly next year due to lower feed prices and other factors, it was pointed out.

At the same time, USDA forecast that world beef and veal production next year will be 40.5 million metric tons, with world cattle numbers at 945.0 million head. Both of these figures are up slightly from 1982 estimates. One of the major developments in the world beef market, USDA said, will be only a slight increase next year as producers hold back cattle for herd expansion.

U.S. milk cows totaled 11,026,000 during the July-September quarter, up one percent from the same period last year. Production per cow averaged 3070 pounds, up 1 1/2 percent from last year.
FSGA sets
20th annual
sale at Ocala

Members of the Florida Santa Gertrudis
Association will hold their 20th annual
sale at the Southeastern Livestock
Pavilion, Ocala, Saturday, January 15,
1983, at 1:00 p.m. It is recognized as the
oldest Santa Gertrudis sale in the
southeast.

Approximately 100 lots of cattle will be
in the auction, according to Fred and
Gayle Dietrich, sale chairmen. Featured
will be herd sires and breeding age bulls,
good young brood cows and several pens
of young heifers. The sale officials
pointed out all consignments will be high
quality classified "S" and will come from
some of the well-known herds. Auc-
tioneer will be Gerald Bowie, West Point,
Georgia.

A dinner-dance will be held the evening
before at the Ramda Inn Convention
Center off I-75 in Ocala. Tickets will be
$20 each if purchased by January 10 or
$25 at the door.

Bass joins
Eatmon operation

John Bass, a native of Kissimmee, has
joined K. D. Eatmon Santa Gertrudis as
herdsman.

Bass and his wife, Rita, also a Kissim-
mee native, occupy quarters on the ranch
located east of Yeehaw Junction on
Highway 60.

Bass has had around 15 years ex-
perience with both commercial cattle and
purebred operations in central Florida,
along with a sound background in general
ranch maintenance.

Bass and his wife have been married 13
years and have two children, Shannon,
10, and Johnny, seven. The family attend
Lockhaven Baptist Church north of
Kissimmee.

Eatmon said he was pleased to have
Bass handling the Santa Gertrudis herd
and is looking forward to a mutually
beneficial association.

Reasonably priced to reflect
the current calf price situation

MAKE YOUR SELECTIONS AT THE RANCH

Also consigning to top "S"
Bulls & Bred Heifers to the FSGA Sale
JANUARY 15—OCALA

Julia Pittman,
Owner

Robert Sanders, Mgr.

STAGE COACH RANCH

P.O. Box 421, Dade City, Fla. 33525

BARJON

SANTA GERTRUDIS

Look for our consignment of 2 bred heifers
at the FSGA sale in Ocala, Jan. 15.

John & Barbara Maxwell
Parkland, Florida 305/421-4043

K.D. EATMON, right, has announced the
employment of John Bass as herdsman
for his Santa Gertrudis operation located
near Yeehaw Junction. Mrs. Bass is
shown in center.
Industry activities!

Irla Bronson, Jr., second from left, chats with from right, Jack Spratt of Alico; Riley S. Miles, executive director, Water Users Association of Florida, and Ron Stephens, FCA executive vice president, during a water users meeting in West Palm Beach.

Visiting in DeSoto County recently was Billy Peeples, FCA executive committee member, second from left. DeSoto cattlemen from left are, W. G. "Kayo" Welles, FCA past president; Charles Harman, and Ed Horton.

Ed David, left, and Leroy Baldwin, both past presidents of the Florida Angus Association, visited during the recent annual meeting of the Florida Agricultural Trade Council, of which David is president emeritus. Mrs. David looks on.

FCA first vice president Al Bellotto, a former Florida Beef Council chairman, goes over some beef promotion items with Polly Golden, FBC executive director.

Fred Barfield of Immokalee presided at the annual Beefmaster Breeders Universal annual meeting held recently at Lake Buena Vista, as he entered his second term as president of the international breed registry.

Bull sale season always sees commercial cattlemen on the seats at the auction events. At left is J. Q. Pearce, Jr., a past FCA president, and Woodrow Peeples. Right photo shows Gene Felton and J. Wesley Davis.
FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES
FLORIDA AGRICULTURAL EXTENSION SERVICE
STATISTICAL REPORTING SERVICE, USDA

LIVESTOCK OUTLOOK

Fed cattle at Omaha averaged $58.66 in October, down $3 from September. Florida feeder cattle prices, averaging $57-63 for Med. No. 1's were about $2 lower than in September. Utility cows, at $36-43, were down $1.

The October 19 Cattle on Feed report was somewhat bearish, as marketings of fed cattle during October-December are estimated to be 8 percent greater than the fourth quarter marketings in 1981, although they should be about 4 percent lower than in 1980. Total placements from July-September were up 11 percent over the same quarter one year ago. As of October 1 there were 22 percent more heifers, and 19 percent more cows on feed than one year ago, another indication of the national herd liquidating taking place.

 Beef supplies should be about 6-7 percent above this quarter last year. However, the September 22 Hogs and Pigs report indicates that inventory is 12 percent lower than last year and the bottom line, is that cattle prices will remain about the same through this winter, but improve somewhat in late spring.

The demand for red meats continues to be weak due mainly to poor economic conditions. The weakness due to these conditions will persist through at least the third quarter.

Projected slaughter is 12 percent lower than last year and the October 19 Cattle on Feed report was somewhat bearish, as marketings of fed cattle during October-December are estimated to be 8 percent greater than the fourth quarter marketing in 1980. The cattle on feed report was somewhat bearish, as slaughter of fed cattle during October-December are estimated to be 8 percent greater than the fourth quarter marketing in 1980. The cattle on feed report was somewhat bearish, as

PRICE RANGES—ACTUAL AND PROJECTED

<table>
<thead>
<tr>
<th>Year and Month</th>
<th>Omaha 900-1100 Pound</th>
<th>Florida 400-500 lb. Feeder Steers</th>
<th>600-700 lb. Feeder Steers</th>
<th>Utility Slt. Cows</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Choice Steers</td>
<td>Med. 1</td>
<td>Med. 2</td>
<td>Med. 1</td>
</tr>
<tr>
<td>Nov.</td>
<td>59-60</td>
<td>59-65</td>
<td>54-61</td>
<td>52-57</td>
</tr>
<tr>
<td>Dec.</td>
<td>59-60</td>
<td>59-65</td>
<td>54-61</td>
<td>53-58</td>
</tr>
<tr>
<td>Jan.</td>
<td>60-61</td>
<td>58-64</td>
<td>54-60</td>
<td>52-57</td>
</tr>
<tr>
<td>Feb.</td>
<td>58-60</td>
<td>57-63</td>
<td>54-60</td>
<td>51-60</td>
</tr>
<tr>
<td>Projected Feb.</td>
<td>61-63</td>
<td>61-68</td>
<td>57-64</td>
<td>52-60</td>
</tr>
<tr>
<td>1982 Dec.</td>
<td>64-65</td>
<td>63-69</td>
<td>59-65</td>
<td>57-63</td>
</tr>
</tbody>
</table>
| SOURCE: James R. Simpson, Cooperative Extension Service


Average Prices, Dollars per Cwt.

<table>
<thead>
<tr>
<th>Week Ended</th>
<th>Choice Slaughter Steers, Omaha</th>
<th>Choice Slaughter Cows, Omaha</th>
<th>Good Slaughter Cows, Omaha</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(900-1100 Lbs.)</td>
<td>(1100-1300 Lbs.)</td>
<td>Good (900-1100 Lbs.)</td>
</tr>
<tr>
<td>1981 Aug. 28</td>
<td>65.80 65.32</td>
<td>66.88 66.35</td>
<td>61.20 61.10</td>
</tr>
<tr>
<td>1981 Sept. 25</td>
<td>65.50 59.15</td>
<td>66.80 59.90</td>
<td>61.00 55.95</td>
</tr>
<tr>
<td>1981 Oct. 30</td>
<td>59.45 59.15</td>
<td>59.90 59.60</td>
<td>57.05 54.45</td>
</tr>
</tbody>
</table>

SOURCE: U.S.D.A.—AMS


<table>
<thead>
<tr>
<th>Year</th>
<th>July</th>
<th>January-July</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Quantity Rec'd.</td>
<td>Change from prev. year</td>
</tr>
<tr>
<td>1980</td>
<td>1000 Pounds</td>
<td>Percent</td>
</tr>
<tr>
<td>Florida:</td>
<td>9,952</td>
<td>-21</td>
</tr>
<tr>
<td>1981</td>
<td>3,854</td>
<td>-61</td>
</tr>
<tr>
<td>1982</td>
<td>6,695</td>
<td>+74</td>
</tr>
<tr>
<td>U.S.:</td>
<td>146,066</td>
<td>+23</td>
</tr>
<tr>
<td>1981</td>
<td>107,635</td>
<td>-26</td>
</tr>
<tr>
<td>1982</td>
<td>101,260</td>
<td>-6</td>
</tr>
</tbody>
</table>

SOURCE: U.S. Department of Commerce
At what age should Florida calves be weaned?

Florida cow-calf producers generally wean their calves at a specific time each year. Although the weaning time varies among producers, calves are usually nine months of age.

The weaning of calves at six to eight months of age has been more or less a standard practice of U.S. cattle producers in general. Florida is very different from other parts of the country in several ways. First, it has a longer growing season with green forage available from eight to 10 months of the year. Second, most of Florida’s commercial cattle have some degree of Brahman breeding which make them react differently from the European breeds commonly used in the temperate regions of the U.S. The effect of Brahman breeding on calf growth rate during late lactation was dramatically expressed in a crossbreeding study conducted at the Belle Glade research center. While Angus and Hereford straightbred calves gained 1.0 pounds per day between seven to nine months of age, Brahman straightbred and Brahman crossbred calves gained 1.7 pounds per day during this late nursing period.

If Florida has the climate which makes forage production for longer periods possible, and produces the type calf that continues to grow during late lactation when left with the cow, then it might be possible to wean these calves at a later age. The question that remains unanswered regarding a late weaning age is its effect on the long term production of the cow. To study this factor an experiment was initiated four years ago at Belle Glade to measure cow reproduction and calf performance of management systems in which cows had their calves weaned at either 8.5 or 10.5 months of age every year.

Results of calf weaning data are presented in Table 1. As anticipated, calves that remained with the cow up until an average age of 10.5 months were

Table 1. Weaning weights of calves weaned at 8.5 and 10.5 months of age.

<table>
<thead>
<tr>
<th>Year</th>
<th>Steers</th>
<th>Heifers</th>
<th>Steers</th>
<th>Heifers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1979</td>
<td>547</td>
<td>496</td>
<td>652</td>
<td>575</td>
</tr>
<tr>
<td>1980</td>
<td>538</td>
<td>498</td>
<td>577</td>
<td>551</td>
</tr>
<tr>
<td>1981</td>
<td>463</td>
<td>456</td>
<td>560</td>
<td>507</td>
</tr>
<tr>
<td>1982</td>
<td>442</td>
<td>415</td>
<td>537</td>
<td>483</td>
</tr>
<tr>
<td>Average</td>
<td>498</td>
<td>466</td>
<td>582</td>
<td>529</td>
</tr>
</tbody>
</table>

*The 8.5 and 10.5 month calves were weaned on July 15 and September 15, respectively.

Table 2. Weight change, pregnancy rate and weaning rate of cows weaning calves at either 8.5, or 10.5 months of age every year.

<table>
<thead>
<tr>
<th>Item</th>
<th>Weaning age of calf</th>
<th>8.5</th>
<th>10.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cow weight change between 8.5 and 10.5 month weanings, lbs.</td>
<td>+99</td>
<td>+75</td>
<td></td>
</tr>
<tr>
<td>Pregnancy rate, % a</td>
<td>1980</td>
<td>95.1</td>
<td>91.9</td>
</tr>
<tr>
<td></td>
<td>1981</td>
<td>89.7</td>
<td>92.3</td>
</tr>
<tr>
<td></td>
<td>1982</td>
<td>82.5</td>
<td>89.1</td>
</tr>
<tr>
<td>Average</td>
<td>89.1</td>
<td>91.1</td>
<td></td>
</tr>
<tr>
<td>Weaning rate, % b</td>
<td>1980</td>
<td>78.3</td>
<td>79.9</td>
</tr>
<tr>
<td></td>
<td>1981</td>
<td>83.9</td>
<td>85.5</td>
</tr>
<tr>
<td></td>
<td>1982</td>
<td>79.0</td>
<td>74.6</td>
</tr>
<tr>
<td>Average</td>
<td>80.4</td>
<td>80.0</td>
<td></td>
</tr>
</tbody>
</table>

*Average of three years
*Number of pregnancies or calves weaned per 100 cows exposed to bulls. Breeding season was for 70 days beginning on January 1.
B. Hall Davis, Ph.D., Nutritionist
LAKELAND CASH FEED
THE P.D.O. COMPANY

In my last column, I wrote about some things we did when I was a kid on the farm back in Arkansas. I discussed, among other things, the process of making sour kraut. It’s funny how so many people don’t realize what is behind the making of many products we eat. For instance one of our saloons Bill Key would kill kraft, that you buy from the store. Sounds like the city kid who found three or four milk bottles (remember those) and thought he had found a cow’s nest.

It’s that time of the year again, when people do things they don’t do any other time of the year—like buy presents. Maybe you might buy them one, and send a greeting card to folks they don’t write to the rest of the year. Remember how long it took city kid who found three or four milk bottles (remember those) and thought he had found a cow’s nest.

To Ralph Cellung and his Board of Association, may Rudolph guide you through the fog of low prices, high operating costs, disease control and government regulations for the Holiday Season and the coming year.

To Ralph Cellung and the Board of Association, may Rudolph guide you through the fog of low prices, high operating costs, disease control and government regulations for the Holiday Season and the coming year.

To the greatest little helpers Santa ever had, the CowBelles, many recipes that Florida cow-calf producers can wean their calves at up to 10.5 months of age every year without affecting the long term production of the cow herd, and obtain a substantial increase in the selling weight of feeder calves produced. It is visualizing that a long calf nursing period would not be used as a standard management practice, but as a management tool which would offer Florida cow-calf producers an option as to when they could sell their calves. Of course, the decision as to when calves would be weaned and sold each year would be related to a number of factors, including forage availability, condition of the brood cow herd and existing pregnancy rate nor weaning rate of cows in both treatment groups were substantially heavier when weaned than calves weaned at 8.5 months of age. After four calving seasons steer and heifer calves gained an additional 84 and 63 pounds, respectively, when left with the cow for an extra two months. Since most of the calves sold by a producer are steers, a late weaning age would result in a sizable increase in calf selling weight.

Of greater interest are the cow performance data presented in Table 2. Although cows that nursed calves an additional two months gained 24 pounds less weight during this period, other cow weight data (not presented) showed that the cows that weaned calves at 10.5 months of age also lost less or gained more weight during other periods of the year such that the average annual weight of cows in both treatment groups were essentially equal. As shown, neither pregnancy rate nor weaning rate of cows were affected by the weaning of their calves at 10.5 months of age every year.

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FORDHAM FARMS

COMPLETE DISPERSION OF
886 Acre Farm, Farm Equipment
and An Outstanding Limousin Herd!

THURSDAY and FRIDAY, DEC. 16 and 17

Those lots selling:
Full blooded and Purebred Bulls .. 8
Percentage Bulls .................... 13
Purebred Females ................. 17
Percentage Females .............. 93
Registered Angus Females .... 14
Commercial Bred Limousin .... 40
Approximately 185 Lots

This herd consists of Red and Black Limousin and has a great influence of polled cattle. Fordham Farms is a pioneer in the Black polled influence in the Limousin breed of the southeast. Many cows to be sold will have calves at their side — a potential market for club calves. At the 1982 State Steer Show the Breeder Special Group was composed of Fordham Farms steers!

A large portion of females will be suitable for use as recipients in a transplanting operation.

Selling 1/2 interest and full possession of WS TEN TE 502L (TNT). TNT is a double polled, double black purebred that has been the backbone of black influence of Fordham Farms.

Cattle sale to be conducted on Thursday, December 16th at 11:00 a.m. For more cattle information contact Carroll T. Cannon, (912) 382-4383.

886 Acres of farmland fenced and cross-fenced for beef cattle production. Property boasts numerous improvements and will be sold in tracts and combinations. The 4-bedroom brick home which features 2&frac12; baths, swimming pool and 2800 square feet of living space will be sold separately. Excellent assumable financing available.

A large variety of farm equipment will be sold at ABSOLUTE AUCTION the same day.

Location: 14 miles northeast of Moultrie, Georgia, 3 miles east of Crosland off U.S. Hwy. 319.

Sale Headquarters:
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TIFTON, GEORGIA 31792 :: (912) 382-6687

For more information, brochure or catalog, contact:
JO SELLS, Sale Manager

Rowell Realty & Auction Co., Inc.
419 South Main, Moultrie, Georgia 31768
Phone (912) 985-8388
CowBelles urge beef serving for holidays

PRESIDENT'S BY-LINES

Hello CowBelles! The year 1982 is about gone. Christmas almost here. How many beef seeds have you planted? So let's all serve BEEF for Christmas and mail a beef gift certificate and make shopping easy.

Polly Golden and I were in Collier County October 14 where the CowBelles had 18 at the noon meeting in the county extension office. Polly did a beef-in-a-bag demonstration and we all learned a lot from this. You can save money buying beef on sale and cutting it yourself.

Just a note to CowBelles. You can use either side of the foil next to the meat; it does not matter. Polly was interested in this and called the Reynolds Aluminum Company to find out the facts.

The CowBelles send our sympathy to Carolyn Kempfer in the death of her sister.

I would like to let you know Gertie Cellon is home recuperating after surgery.

October 16 was the big day in Perry for the Forest Festival. A total of 35,000 attended the event. The King Tree Parade was one of the big highlights which began at 10:30 a.m., and lasted until about 1:00 p.m. Our own FCA sweetheart Melanie Boggess was in the parade with Commissioner of Agriculture Doyle Conner. The CowBelles booth went great.

The Levy County cattlemen and CowBelles held their annual meeting October 28 at the Elliot Whitehurst ranch. A barbecue with all the trimmings was served and a business meeting followed. Joe and Jeanette Barthle attended with Joe representing FCA and outlining association activities. The CowBelles also met and elected officers for the coming year. Jeanette and I attended this session. We wish good luck to Levy County!

The Florida CowBelles had a booth at the Florida Farm Bureau Federation's annual convention in Kissimmee. Imogene Yarborough served tasty meatballs on Sunday afternoon to a large number of members. Others working were Polly Golden, Melba Straigis, Jeanette Barthle and your president. A number of CowBelles attended the convention including Mary Caruthers and a group from Sumter County, Norma Stokes and others. Let's keep the CowBelles name number one!

I set the table exhibit up in Lake City during the Columbia County Fair November 1-6. I worked it November 3. The fair received a good response from the consumers. I handed out beef recipes and other materials. The fair was well attended. An in-store promotion by the CowBelles will be held at Publix in Lake City December 3.

The Alachua County Fair was November 1-7. County cattlemen and CowBelles had a booth and there was a drawing for a half side of beef. A highlight was our slide display of steaks for the consumer to judge whether Prime, Choice, Good, etc. The winner of each day's contest was given a steak. This is something we need to work on. People just don't know how to tell the difference in the steaks.

Matti Watkins, president of the Lee County CowBelles, is working on their membership. The cattlemen had their annual meeting and auctioned off a cowboy doll for the CowBelles which helped their treasury by $175. For their Farm-City Week they are having a cattle display sponsored by a large tourist attraction in the county. They sold beef franks, beef fudge and beef brownies. Let's keep up the good work, Lee County!

Now to Volusia County. They held an in-store promotion at the Winn-Dixie store in Deltona where beef sausage was served. The workers were Bobbie Dease, Carol Mitchel, Jerry McDonald and Marie Mitchel. The Volusia fair is going on and we will report on this next month.

Don't forget the membership drive. Have a Merry Beefy Christmas and keep the word "beef" up front.

Congratulations to Faye and Vick Blackstone, our own champion cowboy and cowgirl. The Blackstones will be the first couple to achieve the dual honors from the Cowboy Hall of Fame in Texas where Faye will be honored December 12. I would like to share this poem with you. It always helps me. Love to all of you and have a nice Christmas.

Love: God's Gift Divine

Love is enduring
And patient and kind,
It judges all things
With the heart not the mind,
And love can transform
The most commonplace
Into beauty and splendor
And sweetness and grace . . .
For love is unselfish,
Giving more than it takes,
And no matter what happens
Love never forsakes,
It's faithful and trusting
And always believing,
And love is immortal
And God's Gift is Divine

Love: God's Gift Divine

Florida CowBelles Association

Affiliated with
American National CowBelles
Rt. 1, Box 366
High Springs, FL 32643

President
Mrs. Belle Jeffords, High Springs
904/462-1235

President Elect
Mrs. Ed Yarborough, Geneva

Vice President
Mrs. Bobby Dease, Osteen

Recording Secretary
Mrs. William Carey, Brandon

Corresponding Secretary
Mrs. L. H. Thompson, Jr., Gainesville

Treasurer
Mrs. V. W. Straigis, Dade City

Chaplain
Mrs. Hayward Simmons, Riverview

Parliamentarian
Mrs. J. W. Barthle, Dade City

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—Belle Jeffords, President
LEE LIMOUSIN FARMS
FIRST PRODUCTION SALE

Saturday, December 11, 1982
11:00 A.M.
at the farm near Alma, Georgia

Selling 160 Head
As 125 Lots

• 5 Fullblood & purebred service-age bulls
• 10 Service-age percentage bulls
• 35 Females with spring calves
• 40 Cows bred for winter & spring calves
• 35 Heifers bred for winter & spring calves

The offering includes fullblood, purebred, and percentage females and bulls—both reds and blacks. Sire lines represented will include GV HOROSCOPE, AIR TIME, WRC MARBLE DUKE, WRC GLEN FIDDICH, BLACK ACE, KING TUT, JACKPOT, NETWORK, GIBRALTAR, EROS, PIGALLE, and CHARLEMAGNE.

This will be one sale you can’t afford to miss. You'll be given an opportunity to buy right from the heart of the herd for the first time since this herd began twelve years ago.

Plan to attend this milestone event, and contact us now to get your name on our catalog mailing list.

Lee Limousin Farm
P.O. Box 413
Alma, Georgia 31510

Jerry: 912/632-5412 (Office) or 912/632-7739 (Home)
Gerald: 912/632-7356
Henry: 912/632-4097

Carroll T. Cannon, Auctioneer
"Home of the South’s Finest Quality Pure French and Percentage Limousin"

Be sure to attend the Second Annual Georgia Limousin Bull Sale, Friday, December 10, at Tifton, and the Lee Limousin Sale the next day!
Movement of Florida calves looks favorable

The current brucellosis program and movement of Florida calves on January 1, 1983, were covered thoroughly at the 86th annual meeting of the U.S. Animal Health Association. The annual session was held in Nashville, Tennessee, November 7-12.

Florida was represented by FCA President Ralph W. Cellon, Jr., Alachua; Al Belloto, Lakeland, first vice president; Mrs. JoAnn Smith, Micanopy, NCA Region II vice president and Dan Childs, Lake Placid, chairman, livestock health and technical committee. J. O. Pearce, Jr., Okeechobee, first vice president of USAHA also attended, along with State Veterinarian Dr. C. L. Campbell, and Drs. Bill Pace and Paul Becton from the division of animal industry, Florida Department of Agriculture.

Cellon stated the primary objective of moving calves out of the state after January 1, 1983, was substantially resolved, although there are some requirements to be observed.

Three points highlighted were (1) vaccinated heifer calves out of herds with recognized herd plan can move to any state unless prohibited by that state’s regulations, and they must have a permanent identification which will be a ¾ inch hole in the left ear; (2) the integrity of the program must be maintained; and (3) it was emphasized that Florida must continue to be able to show that progress is being made in eradication of brucellosis as has been shown during the past two years.

The program, as it affects Florida producers, will be outlined in detail to producers at a workshop session headed by Becton at the Holiday Inn, Fort Pierce, December 8 and at the FCA directors meeting December 9-10 at the same location.

Chairman of the USAHA brucellosis committee is John B. Armstrong, Kingsville, Texas. Florida members include Pearce and J. A. Acree, Jacksonville.

Williamson, Sr. dies

Frank W. Williamson, Sr., Okeechobee, died October 9 at the age of 79 years. He was born October 26, 1902 in Clearwater and moved to Okeechobee in the early 1940’s where he was active in the cattle and citrus business since that time.

He had been a member of the Okeechobee County Cattlemen’s Association and the Florida Cattlemen’s Association.

Survivors include his wife, Reeda F., Okeechobee; daughter, Mrs. Elizabeth W. Miller, Niceville; two sons, Frank W. “Sonny” Jr., of Okeechobee and Howard S. Jones, Jr., of Auburn, Alabama; seven grandchildren and three great-grandchildren.
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ONE YEAR

YOUR BEEF PROFITS

Your Best Buy Is A Performance Tested Bull With Above Average Performance

Performance testing does not make a bull good; performance testing does identify which bulls are above average or below average.

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Florida Beef Cattle Improvement Assn.

R. S. Sand, Secretary
231 Animal Science Bldg.
University of Florida
Gainesville, Florida 32601
Becton heads state's Bang's program

Dr. Paul Becton, who recently retired after 35 years with USDA, has assumed his new duties as Chief of the Bureau of Brucellosis and Tuberculosis with the Florida Department of Agriculture and Consumer Services, Commissioner Doyle Conner has announced.

Becton joins the staff of State Veterinarian Dr. C. L. Campbell after serving as the Director of the National Brucellosis Eradication Program since 1974.

"We are extremely fortunate to have someone of Dr. Becton's background and expertise in brucellosis join our state eradication program," Conner said. "He’s joining our program at a most opportune time when we are preparing to move forward with new vigor and emphasis on eliminating our high herd infection rate."

In the past two years, while testing more than 2.8 million cows, the infection rate among Florida cattle has dropped by 35 percent. Florida, however, remains the most infected state in the country with 1769 quarantined herds for an infection rate of 7.47 percent.

"One of our first goals," said Becton, "will be to become better informed regarding the Florida program and review the progress which has been made. We will work toward the most effective program possible and one which is most practical for the owners."

USDA increases inspection rates

USDA has increased the overtime rate charged to meat and poultry plants for mandatory inspection from $18.12 to $19.40 per hour and the charge for laboratory work from $27.28 to $31 per hour. The increases were effective October 17, 1982.

Basic hourly inspection rates for voluntary inspection and certification services increased from $14.64 to $16.68, according to Donald L. Houston, administrator of USDA's Food Safety and Inspection Service.

Under the Federal Meat and Poultry Inspection Acts, USDA must assume all inspection costs during routine working hours in plants producing meat and poultry products for interstate or foreign commerce.
6th ANNUAL
Southeastern Brangus Breeders Bull Sale
Wednesday, January 12, 1983—1:00 p.m.
at Tifton, Georgia Bull Test Center

Selling 80 Bulls
Minimum Age 15 months
Minimum Weight 1100 lbs.
Semen Test
TB & Brucellosis

Sponsored by:
Southeastern Brangus Breeders Association
Buddy Adams, President
Diane DuBose, Secretary
Route 1, Box 108
Rembert, SC
803/432-2920

7:00 p.m., Tuesday, Jan. 11
Southeastern Breeders membership meeting & dinner

Auctioneer: Gerald Bowie

Sale Headquarters:
Ramada Inn
Tifton, Georgia
912/382-8500

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P.O. Box 1866 • Covington, Georgia 30209
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Reliable Medications

**AMINE-IODIDE**
For prevention and treatment of Foot Rot in cattle and as an expectorant in mild respiratory disorders in cattle, swine, sheep and poultry.

**WOUND DRESSING BOMB**
Violet-A penetrating antiseptic treatment for minor cuts and abrasions on livestock.

**KORLAN EAR TIX-TOX**
Kills Spinose ear ticks & reduces re-infestation.

Cattle Veterinary Services

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Accredited Veterinarian

Government testing and vaccinating, shipping and health papers, bull testing, pregnancy diagnosis, vaccination programs, herd health management, nutritional consulting, diagnosis and treatment of diseases, obstetrical problems.

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Vero Beach, FL 32960
(305) 567-6006

**WATER USERS Association Executive Director Riley S. Miles, Kissimmee, left, featured Jeffrey B. Conley as speaker at the group's annual meeting.**

**Bronson heads water users**

Irlo "Bud" Bronson, Jr., Kissimmee, was elected president of the Water Users Association of Florida at the group's annual meeting held in West Palm Beach, November 9. Bronson was elected State Representative from District 77 during the November elections.

Atwood Dunwody, Miami, was re-elected secretary and John C. Norris, Lakeland, was named treasurer. Ten vice presidents were retained in office. Riley S. Miles, Kissimmee, was renamed executive director and general manager.

Featured speaker at the luncheon session was Jeffrey B. Conley, senior vice president, E. Bruce Harrison Company, management consultants to the National Environmental Development Association (NEDA), Washington, D.C. Conley traced the history of NEDA which was organized in 1973 largely through the efforts of Miles who saw the need for a national organization to bring industry, labor and other groups together on environmental matters.

He covered the Clean Air and Clean Water Acts with an outline of the proposed revisions which have the support of industry, labor and agriculture. Conley said the environmentalist groups do not want any changes and have more than ample funds to campaign for retention of the Acts as written.

In his director's report, Miles covered the 15-year history of the organization and told of the major roles played in a number of legislative issues. He noted the future years will be important ones with water being of prime interest at all levels of government.

George H. Wedgworth, Belle Glade, presided at the session in the absence of outgoing president J. Brantley Schirard, Vero Beach.

The 1982 U.S. feed grain output is seen at 252 million metric tons, USDA reports.
I would like to take this opportunity to express my personal opinion regarding our main subject of interest here at Heldon Ranch—Brangus cattle.

We are promoting and selling our product to an industry that is financially depressed, and to a market that is literally flooded with competitive breeds.

Today's commercial cow-calf producer is becoming sophisticated. He is looking carefully at production—dollars and cents. He is looking for that “extra edge” that will help him go over the hump and stay out of the red.

The purebred breeder is in the same boat. He has to have a competitive product to survive.

I expect our Brangus cattle to perform because they have to pay our bills and back-up investments. I rely on them because they offer that “extra edge” and they provide that “edge” where it counts.

Fertility. They provide you with a live calf every year.

Mothering Ability. Abundant milk supply helps them raise a growthy calf that will wean at 50% of the dam’s body weight.

Aggressiveness. Brangus bulls have the aggressiveness and adaptability to help them get the job done in the pasture, regardless of climatological or geographical conditions.

Calving ease. Brangus bulls all but eliminate calving problems in your herd. The average birth weight of our calf crops this year (90 calves, so far) is 71.88 lbs. Only one cow had to be assisted, and she was a 16 month old heifer that bred by accident.

Brangus calves will out weigh at weaning time English breed type calves of similar age and condition by 50-100 lbs.

Black-baldy calves with that little extra ear are commanding premium prices throughout the country, and the reason is that this type of steer has proven time and time again that they pay for themselves through their gaining ability and carcass quality.

Black pigmentation (no pink-eye) and polled factor (cut down on injuries) when added to other Brangus characteristics, spell an edge that can’t be overlooked by any serious beef producer.

I will welcome the opportunity to visit with anyone interested in “that extra edge.”

Mario Rossi,
Ranch Manager
**USDA issues final regulations for food waste**

USDA has issued minimum standards for the treatment of food waste to be fed to swine according to John Atwell, deputy administrator of USDA's Animal and Plant Health Inspection Service.

He said the final regulations, which become effective January 1, 1983, implement the Swine Health Protection Act.

"The law and regulations are designed to prevent the introduction and spread of domestic and foreign animal diseases through the feeding of raw or improperly treated food waste to swine," Atwell said.

"Foreign diseases such as hog cholera, African swine fever, foot-and-mouth disease or swine vesicular disease are real threats to the swine industry."

The regulations prohibit the feeding of garbage to swine unless heat treated at a licensed facility. Treatment consists of boiling food waste for at least 30 minutes. Applicants for a license will have to demonstrate that their premises, facilities and equipment comply with the regulations. Facilities will have to be constructed to prevent access of swine to garbage handling and treating areas. The material will have to be covered until treated. The regulations also spell out how licenses can be suspended or revoked.

**Kautz re-elected FFBF Prexy**

Walter J. Kautz was re-elected president of the Florida Farm Bureau Federation (FFBF) at the organization's 41st annual convention is Kissimmee. An active sugarcane grower, Kautz has been president of the 95,733 member group since 1969.

Carl Loop, Jr., a nursery grower from Jacksonville, was elected vice president. Loop, who has served as a member of the board of directors for the past 11 years, is the owner of Loop's Nursery and Greenhouses, Inc.

Kay Richardson of Eustis was elected secretary. Richardson, a cattleman and citrus grower, has served as a director for seven years.

Apopka poultry man and citrus grower John Talton was re-elected treasurer. Elected to their first two-year terms were: Randall Dasher, McAlpin; James Scarborough, Wauchula; Arthur Kelley, Fort Myers, and J.C. Bess, Okeechobee.

Other directors re-elected were: LE McMullian Jr., Bascom; Ronald Butler, Quincy; Kent Dole, Alachua, and T. J. Lawrence, DeLand. Mrs. Helen Houck of Perry was re-elected vice chairman of the State Women's Committee and Steven Futch, Dade City, was re-elected chairman of the State Young Farmer and Rancher Committee.
Join the breed that's going places.

Simmental.

If you live in cattle country, you know the "Simmental explosion" is real. In 10 years, we've become one of America's major beef breeds. Why? Simmentals are more productive. They convert feed efficiently and produce lean beef — the kind that buyers prefer.

This year, make the switch to Simmental. Put some excitement in your business.

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PERFORMANCE EXPLOSION!
**Complete Dispersal**

**T & T Charolais Ranch**
Lincolnton, Georgia

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**Saturday, December 18, 1982 — 1:00 p.m.**

Sale will be held at farm, 6 miles south of Lincolnton
off Highway 47 — watch for signs

**SELLING:** 175 Charolais

3-in-1’s, Pairs, Bred & Open Heifers

Herd Bulls

**Sons of Vaillant (ff)**

**Sons of Spain’s Royal Ranger (Poll)**

Commercial Bulls

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**Put Quality in Your Breeding Program**

A good selection of heifers and bulls,
HERD SIRE: WCR Poll Predictor A-195
100% calving ease.

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**Crescent J Ranch**
Performance Tested Charolais

Wm. J. Broussard, M.D., Owner
1335 S. Hickory St.
Melbourne, Fl. 32901
305/727-7632 (Office)

Tom Sewell, Jr., Foreman
Ranch 8 mi. south of Holopaw, Hwy. 441
305/892-5010 (Ranch)

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**20th sale at Brooksville hits $816 average**

A total of 79 performance tested bulls were offered at the 20th annual bull sale at the Beef Cattle Research Station, Brooksville, October 29, bringing a gross of $64,450 to average out at $816 per head.

Bulls selling included Angus, purebred Brahman, grade Brahman, BG Brahman, P&BG Brahman, Montana Herefords, and Florida Herefords.

The annual sale noted the retirement of W. C. “Cal” Burns, location leader at the station for almost 30 years and the originator of the bull sale. He was presented with a plaque in recognition of his service by Dean P. Davis, USDA, Gainesville.

Gross amounts and averages by breed showed that 27 Angus brought $21,400 to average $793; five purebred Brahman bulls grossed $3400 for a per head average of $680; six grade Brahman bulls brought $3575 to average $596; eight BG Brahman sold for $5780 and an average of $719; a trio of P&BG Brahman bulls grossed $1650 to average $550; 15 Montana Heredoms grossed $15,925 to average $1082, and 15 Florida Hereford bulls brought $12,750 for a per head average of $850.

High buyer at the sale was Anclote River Ranch, Odessa, with purchases of 11 head for a total of $9400. Second highest buyer was M. J. Ranch, San Antonio, with eight head and an outlay of $5650. Third top buyer was McClure Farms, Palmetto, with six head bought for $5500.

The event was managed this year by E. L. “Lee” Adams, acting location leader. Auctioneer was Gerald Bowie, West Point, Georgia. The American Hereford Association was represented by H. L. “Chip” Carrier, Bluff City, Tennessee.

Buyers of Angus bulls, with number of head purchased if more than one, shown in parentheses, and amount spent, follow:

Bull 1: M. J. Ranch, San Antonio $700;
Bull 2: McClure Farms, Palmetto (3) $4800;
Bull 3: Watererry Farms, Ruskin (3) $5500;
Bull 4: Anclote River Ranch, Odessa (5) $3500;
Bull 5: Strauss, Gainesville $1350;
Bull 6: A. Rooks, Floral City (6) $1850;
Bull 7: Bafcock Florida Company, Punta Gorda (6) $3500;
Bull 8: Dixie Harvesting, Mascotte (2) $1100;
Bull 9: Rocking A Ranch, Dallas City $550;
Bull 10: El Roble Hill Farm, Ocala $750.

Buyers of purebred Brahman bulls were:

M. J. Ranch, San Antonio $700;
M. Strauss, Gainesville $700;
Anclote River Ranch, Odessa $700;
McClure Farms, Palmetto $700;
Watererry Farms, Ruskin $600.

Buyers of grade Brahman were:

John Barber, Webster $650;
A&A Roller, Brooksville $1425;
Rocking A Ranch, Dallas City $550;
E. Hjinig, Bushnell $450;
El Roble Hill Farm, Ocala $550.

Buyers of P&BG Brahman were:

John Barber, Webster $8900;
M. Z. Zellner, Oak City $700;
Albert Rooks, Brooksville (3) $1100;
M. J. Ranch, San Antonio $650.

Buyers of P&BG Brahman were:

M. J. Ranch, San Antonio $700;
A&A Roller, Brooksville $450;
John Barber, Webster $550.

Buyers of Montana Hereford bulls were:

John Barber, Webster $550;
M. J. Ranch, San Antonio $650;
A&A Roller, Brooksville $450;
John Barber, Webster $550.

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**ADVERTISE**

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**Brooksville hits $816 average**

---

**FLORIDA CATTLEMAN/DECEMBER**

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Herd reduction
still underway

USDA's quarterly feed report of cattle on feed shows U.S. cattle producers are continuing to liquidate the nation's cattle herd.

The report indicated that the number of heifers in the nation's feedlots on October 1 were up 22 percent at 3.18 million head. The figure showed that cow/calf operators were continuing to cut back production by marketing the animals normally kept for breeding purposes.

The report also confirmed that the July 1 cattle inventory report showing an unexpected reduction in the nation's herd size was right, and that the industry had entered a liquidation phase much earlier than normal.

The total number of cattle on feed October 1 was up seven percent, numbering 8.8 million head, or about in line with most expectations prior to the report. The fact that heifer numbers were up so much may help keep beef production more in line with demand since heifers tend to come to market slightly lighter than steers, it was noted.

Holiday promotion
gets underway

On November 29 the beef industry began a special three-week holiday message for consumers.

With the family seated around a traditional holiday dinner table, a young boy passes around plates filled with delicious roast beef. With each plate he passes, the younger gets hungrier and hungrier. The spot ends with a special holiday message from the beef industry.

The promotion was kicked off in October with ads in several supermarket trade publications, offering such point-of-purchase materials as case cards and package labels which contain the special holiday theme of the promotion—"It's that time of year when nothing satisfies like beef."

The consumer portion of the campaign will feature 30-second commercials airing on national networks and spot television programs. Additionally, regularly scheduled beef magazine advertising will appear in several national publications in January.

The National Live Stock & Meat Board points out funds were set aside earlier this year to enable the industry to intensify its efforts during the important holiday season.

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of World Class Cattle

Barton Charolais Ranches
Abbeville, South Carolina

FRIDAY, JANUARY 7, 1983, AT 1:30 P.M.

SELLING: 136 HEAD

FEATUREING
Four of the Breed's Most Cherished Treasures

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1/4 Interest in Charl
018 daughter of T34R

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TRANSPLANT CALVES OUT OF T34R AND 018

30 Transplant Calves
will be offered out of T34R,
sired by STAND4Ut, Elevation, Constructor
and Exterminator

8 Transplant Calves out of 018
by the same sires

All farm machinery and cattle handling equipment will sell at conclusion of Charolais auction.

For your copy of the Barton color brochure and sale catalog, contact either Wayne Templeton or the Auction Way Co.

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Wayne Templeton, Herd Mgr.
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Abbeville, South Carolina, 29620
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THE FLORIDA CATTLEMAN/DECEMBER 1982/63
VISITING during the annual Range Society meeting at Lake Placid were Bill Stark, left, Fort Pierce, and Cliff Lewis, Gainesville, SCS range conservationist who is moving to Texas.

Toussaint heads range group

Bayard Toussaint, Punta Gorda, was elected president of the Society for Range Management, Florida Section, at the group's annual meeting held November 4 at Lake Placid. He succeeded Ken Harrison of Arcadia.

Dixie Hollins of Crystal River was named president-elect, while Joe Howell, Kissimmee, and Raymond Hullinger, Bradenton, were elected to three year terms as councilmen.

Topics covered during the program included livestock grazing preferences, prescribed burning and ranch planning.

Rob Kalmbacher of the ARC at Oka gave a slide presentation on grazing and burning was covered by Avon Park Bombing Range personnel. Greg Hendricks, range conservationist from Bradenton, spoke on work done at DeSoto Land and Cattle Company, Arcadia. He introduced Nigel Morris of the company who gave an indepth report on the importance of range management as exercised at the firm's almost 40,000 acre operation.

Morris emphasized three important requirements to observe when setting up a rotational range management system, (1) good maps; (2) good forage inventory and records, and (3) a policy of "fence, fence, fence."

Toussaint, who has been active in range management practices as manager of Florida Babcock Company for many years, is currently serving a third term as treasurer of the Florida Cattlemen's Association.

August, 1982, meat imports, at 133.1 million pounds, were up 31 percent from a year earlier. Those from Australia, at 77.3 million pounds, were up 47 percent from New Zealand, at 41.7 million pounds, up 20 percent.
Thanks from Hidden Valley Ranch

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Red Angus

To these buyers for making our third production sale successful. We feel sure their confidence in our performance selection program will pay dividends in the future.

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Clark Hunt
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Bob Gibson
3884 Anglers Dr.
Largo, FL 33740
(2 Females, 1 Bull)

Clyde Wall
Rt. 2, Box 235
Webster, FL 33597
(2 Bulls)

Batten & Batten
Rt. 3, Box 160
Brooksville, FL 33512

Francis & Elaine Ryczek
21350 Anderson Rd.
Brooksville, FL 33512

Triple C Ranch
Rt. 3, Box 5460
New Port Richey, FL 33552

Clayton O’Quinn
8998 W. Ft. King
Ocala, FL 32674

Braaksma Ranch
Rt. 2, 8989 S. Great Oaks
Floral City, FL 32636

Wm. E. Jones
313 Buttonwood Lane
Largo, FL 33740

 Owners:
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8 ft. corner posts
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Eugene DeWitt
Okeechobee, FL
813-763-0341
Scott Yant
Orange Park, FL
904-269-3766
Semien Supplies, Service, Beef & Dairy

Show

(Continued from page 34)

Produce of Dam: Stage Coach Ranch.
Get of Sire: Stage Coach Ranch.
Best Polled Female: Diamond B Ranch.
Best Polled Bull: Diamond B Ranch.

Brahman—28 head

Junior champion female: CCS Miss Empress, owned by Clyde and Betty Goudeau; shown by Cajuns Cattle Service. Reserve junior champion female: Miss Legacy Kabar 347, owned by Kabar Ranch.

Senior champion female: CCS IMP Give Her A Ten, owned by Clyde and Betty Goudeau; shown by Cajuns Cattle Service.

Reserve senior champion female: Miss Gamal Kabar 297, owned by Kabar Ranch.

Grand champion female: CCS IMP Give Her A Ten, owned by Clyde and Betty Goudeau; shown by Cajuns Cattle Service.

Reserve grand champion female: Miss Gamal Kabar 297, owned by Kabar Ranch.

Calf champion bull: AP Indu Arasoo, owned by Alan Pasley; shown by Cajuns Cattle Service.

Grand champion female: MG Victoria 109, owned by Santa Anna Ranch; shown by Lee and Sons Cattle Service.

Junior champion bull: TAT Florida Beto Orenzo, owned by Gilbert Tucker; shown by Cajuns Cattle Service.

Reserve junior champion bull: MI Mariol 318, owned by Stas Baqnil; shown by Cajuns Cattle Service.

Senior champion bull: Legacy Kabar 315, owned by Kabar Ranch.

Reserve senior champion bull: CCS Dason Esto, owned by Lucious Wilson, Homerville, Georgia; shown by Cajuns Cattle Service.

Grand champion bull: Legacy Kabar 315, owned by Kabar Ranch.

Reserve grand champion bull: CCS Dason Esto, owned by Lucious Wilson; shown by Cajuns Cattle Service.

Produce of Dam: Clyde and Betty Goudeau.
Get of Sire: Clyde and Betty Goudeau.

Angus—50 head

Junior heifer calf champion: Bellemore Pride 142, owned by Bellemore Farm.
Reserve junior heifer calf champion: Lee Elenmore Of Wye, owned by R. C. Lee; shown by Lee and Sons Cattle Service.

Senior heifer calf champion: Long Branch Miss Kate, owned by Longbranch Ranch.
Reserve senior heifer calf champion: Bellemore Eurasia 51, owned by Bellemore Farm.

Intermediate champion female: Bellemore Erica 301, owned by Bellemore Farm.
Reserve intermediate champion female: Long Branch Miss Bartman, owned by Longbranch Ranch.

Junior champion female: Miss Burgess T31, owned by Mike Fussell; shown by Lee and Sons Cattle Service.
Reserve junior champion female: Pride of Bellemore 561, owned by Bellemore Farm.

Junior bull calf champion: Bartan Of Bellemore 92, owned by Bellemore Farm.
Reserve junior bull calf champion: Longbranch Woodrow 73, owned by Longbranch Farm.

Senior bull calf champion: Timberline Progressor, owned by Bellemore Farm.
Reserve senior bull calf champion: Longbranch Woodrow 68, owned by Longbranch Farm.

Intermediate champion bull: Tri B Adventure Bandit, owned by Tri B Ranch.
Reserve intermediate champion bull: Bellemore Woodrow 471, owned by Bellemore Farm.

Junior champion bull: Black Mchenry The Third, owned by W. W. Teague; shown by Lee and Sons Cattle Service.
Reserve junior champion bull: Bellemore Adventure 501, owned by Bellemore Farm.

Senior champion bull: Bellemore Adventure 490, owned by Bellemore Farm.
Reserve senior champion bull: Longbranch General Lee 52, owned by Longbranch Farm.

Grand champion bull: Bellemore Adventure 490, owned by Bellemore Farm.
Reserve grand champion bull: Longbranch General Lee 52, owned by Longbranch Farm.

Get of Sire: Bellemore Farm.
Junior Get of Sire: Bellemore Farm.

Breeder Six Head: Bellemore Farm.

Tallahassee

Charolais—6 head

Junior champion female: WCR Miss Poll Paul, owned by Wasdin Charolais Ranch, Tallahassee.
Reserve junior champion female: WCR Miss Poll Predator, owned by Wasdin Charolais Ranch.

Senior champion female: WCR Miss Avignon 887, owned by Wasdin Charolais Ranch.

Grand Champion Female: WCR Miss Poll Paul, owned by Wasdin Charolais Ranch.
Reserve grand champion female: WCR Miss Poll Predator, owned by Wasdin Charolais Ranch.

Two females bred and owned by exhibitor: Wasdin Charolais Ranch.

Calf Champion Bull: WCR Mr. Poll Jr., owned by Wasdin Charolais Ranch.

Junior champion bull: GI John P. Silver 201, owned by Grainger Jennings Farms.

Grand champion bull: GI John P. Silver 201, owned by Grainger Jennings Farms.

Reserve grand champion bull: WCR Mr. Poll Jr., owned by Wasdin Charolais Ranch.

Pair of calves: Wasdin Charolais Ranch.
Junior get of sire: Wasdin Charolais Ranch.
Get of Sire: Wasdin Charolais Ranch.
Group of five head: Wasdin Charolais Ranch.

Brahman—7 head

Calf champion female: J Miss Peso 268, owned by Dr. and Mrs. Richard Parks.

Grand champion female: J Miss Peso 268, owned by Dr. and Mrs. Richard Parks, Cleveland, Georgia.

Calf champion bull: RF Mr. Imperator 212, owned by Register Farms, Graceville.

Reserve calf champion bull: RF Mr. Regos V8 205, owned by Register Farms.

Reserve junior champion bull: RF Mr. Imperator 200, owned by Register Farms.

Reserve senior champion bull: Mr. JJ Repacho 50, owned by Dr. and Mrs. Richard Parks.

Senior champion bull: RF Mr. Imperator 61, owned by Register Farms.

Reserve senior champion bull: RF Mr. Imperator 548, owned by Register Farms.

Grand champion bull: RF Mr. Imperator 212, owned by Register Farms.

Reserve grand champion bull: RF Mr. Imperator 61, owned by Register Farms.

Santa Gertrudis—7 head

Kaplan heifer calf: McIntyre's 247, owned by McIntyre Farms.

Senior champion female: Princess Chuleto, owned by McIntyre Farms.

Grand champion female: Princess Chuleto, owned by McIntyre Farms.

Grand reserve champion female: McIntyre's 247, owned by McIntyre Farms, Live Oak.

Champion bull calf: BI Kicker, owned by Geraldine Livingston, Monticello.

Reserve champion bull: McIntyre's 12/2, owned by McIntyre Farms.

Senior champion bull: Cherokee Overdrive, owned by McIntyre Farms.

Grand champion bull: BI Kicker, owned by Geraldine Livingston.

Reserve grand champion bull: McIntyre's 12/2, owned by McIntyre Farms.

Simmental—14 head

Junior champion female: Miss Crystal Bourbon, owned by Bond Simmental Ranch, Boston, Georgia.

Senior champion female: Miss Bourbon Straight Up, owned by Bond Simmental Ranch.

Senior champion: Miss LDM 22, owned by Jim Fordham, Cochran, Georgia.

Senior champion female: Miss JWF Signal 196, owned by Jim Fordham.

Grand champion female: Miss Crystal Bourbon, owned by Bond Simmental Ranch.

Reserve grand champion female: Miss LDM 22, owned by Jim Fordham.

Two Females: Bond Simmental Ranch.
Calf champion bull: BSR's O. P. S. Classic, owned by Bond Simmental Ranch.

Reserve calf champion bull: BSR's Salvation, owned by Bond Simmental Ranch.

Junior champion bull: Mr. JWF Africa 826N, owned by Don Shevey.

Reserve junior champion bull: Mr. JWF Africa 826N, owned by Don Shevey.

Grand champion bull: Mr. JWF Africa 826N, owned by Don Shevey.

Reserve grand champion bull: Mr. JWF Africa 826N, owned by Don Shevey.

Two bulls: Bond Simmental Ranch.
Pair of Calves: Bond Simmental Ranch.
Pair of Yearlings: Jim Fordham.

Produced of Dam: Don Shevey.
Get of Sire: Bond Simmental Ranch.
Group of Five Head: Bond Simmental Ranch.

Pulled Hereford—15 head

Champion heifer calf: HTM Jigger-Miss 07, owned by T. L. McWatters, Geneva, Alabama.

Reserve champion heifer calf: SCR Victoria U1 140, owned by Spring Creek Farm, Villa Rica, Georgia.

Junior champion heifer: SCR Miss Hurrah 118, owned by Spring Creek Farm.

Reserve champion heifer calf: CH Banner 114N, owned by Ivy Bluff Farms, Carrollton, Georgia.

Senior champion heifer: JHF Forvette (101)256, owned by Spring Creek Farm.

Reserve champion heifer: HTM Banner Lady 114, owned by H. T. McWatters.

Grand champion heifer: JHF Forvette (101)256, owned by Spring Creek Farm.

(Continued on page 68)
Southside Farms

Angus Production Sale

Monday, December 6, 1982—12:30 p.m.

At The Farm

(2 miles South of Hawkinsville on U.S. 129)

Featuring the get and service of
SHOSHONE INTENT KGEA27

Weaning wt. 725 lbs. Ratio 125
Yearling wt. 1285 lbs. Ratio 127

| Estimating | Weaning | Maternal | Yearling |
| Breeding | EBV | ACC | EBV | ACC |
| Values | | | |
| 117 | .91 | 103 | .62 | 115 | .81 |

Selling 65 Bulls

Including 4 Herd Sires, 20 three-year-old bulls with performance records, 41 two-year-old bulls with records (no bulls have been sold out of this group). Bulls have the backing of 22 years of performance records.

Selling 40 Females

With calves at side of close to calving.
A majority of the calves will be sired by “Intent.” Five “Intent” daughters sell. Weaning ratios are 105, 106, 107, 107, 124. They are fantastic.
All cows sell with A.I. breeding privilege to “Intent.”

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IN BUYING ANGUS

When you need help in locating and buying the kind of Angus bulls, cows or heifers you want—just contact me. I'll be glad to assist. No cost or obligation—it's my job.

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Champion bull: LJR Jasta Vic 32144, owned by Ivy Bluff Farm.
Reserve champion bull: LR Victor Rollo 366, owned by Ivy Bluff Farm.
Junior champion bull: SCR Justification 126, owned by Spring Creek Farm.
Reserve junior champion bull: SCR Justification 117, owned by Spring Creek Farm.
Senior champion bull: Banner Pushcast 776, owned by H. T. McWaters.
Reserve senior champion bull: SCR Enforcer 522, owned by Spring Creek Farm.
Grand champion bull: Banner Pushcast 376, owned by H. T. McWaters.
Reserve grand champion bull: SCR Justification 126, owned by Spring Creek Farm.
Get of Sire: Spring Creek Farm.
Calf Get of Sire: H. T. McWaters.
Best Six Heads: Spring Creek Farm.

Michigan—18 head
Junior champion female: Tinsley Mark 016, owned by Marlin M. Nicely.
Reserve junior champion female: MKLR Nancy 019, owned by Milandi Farms.
Senior champion female: Low-N-Honey, owned by Milandi Farms.
Reserve senior champion female: MKLR Tona 153, owned by Milandi Farms.
Grand champion female: Low-N-Honey, owned by Milandi Farms.
Reserve grand champion female: MKLR Tona 131, owned by Milandi Farms.
Two Females: Milandi Farms.
Calf champion bull: Mr. Keyed Up 16N, owned by Carl L. Johnson, Brandon.
Reserve calf champion bull: Keyless, owned by Carl L. Johnson.
Junior champion bull: MK Jet Port, owned by Milandi Farms.
Senior champion bull: MK Top Jet, owned by Milandi Farms.
Grand champion bull: MK Top Jet, owned by Milandi Farms.
Reserve grand champion bull: MK Jet Port, owned by Milandi Farms.
Two Bulls: Milandi Farms.
Pair of Calves: Carl Johnson.
Produce of Dam: Milandi Farms.
Get of Sire: Milandi Farms.
Group of Five Heads: Milandi Farms.

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SEVENTH ANGUS EVENT SET FOR
LAKE CITY

The seventh annual Southeastern Futuristic Angus Show and Sale is set for March 11-12, 1983 at the Columbia County Fairgrounds, Lake City.

The annual event is sponsored by the Florida Angus Association and the 1983 event will mark the first time it will be held in north Florida.

Marlin M. Nicely is sale chairman and manager and the event will feature approximately 55 registered Angus. There will be 8-10 bulls, 10 young cows with calves at side and the remainder will be heifers.

Judge for the show will be Dave Pingrey of Benton, Mississippi, a past president of the American Angus Association. Auctioneer will be Tom Gammon of Jackson, Tennessee.

The annual meeting of the Florida breed group will also be held during the period and the junior association will hold their annual session, also.

Current president is Arnold Evenson, Zephyrhills, and Nicely is vice president.

SHOWS
(Continued from page 66)

owned by Spring Creek Farm.
Champion bull calf: LJR Jasta Vic 32144, owned by Ivy Bluff Farm.
Reserve champion bull calf: LR Victor Rollo 366, owned by Ivy Bluff Farm.
Junior champion bull: SCR Justification 126, owned by Spring Creek Farm.
Reserve junior champion bull: SCR Justification 117, owned by Spring Creek Farm.
Senior champion bull: Banner Pushcast 776, owned by H. T. McWaters.
Reserve senior champion bull: SCR Enforcer 522, owned by Spring Creek Farm.
Grand champion bull: Banner Pushcast 376, owned by H. T. McWaters.
Reserve grand champion bull: SCR Justification 126, owned by Spring Creek Farm.
Get of Sire: Spring Creek Farm.
Calf Get of Sire: H. T. McWaters.
Best Six Heads: Spring Creek Farm.

Limousin—18 head
Junior champion female: Tinsley Mark 016, owned by Marlin M. Nicely.
Reserve junior champion female: MKLR Nancy 019, owned by Milandi Farms.
Senior champion female: Low-N-Honey, owned by Milandi Farms.
Reserve senior champion female: MKLR Tona 153, owned by Milandi Farms.
Grand champion female: Low-N-Honey, owned by Milandi Farms.
Reserve grand champion female: MKLR Tona 131, owned by Milandi Farms.
Two Females: Milandi Farms.
Calf champion bull: Mr. Keyed Up 16N, owned by Carl L. Johnson, Brandon.
Reserve calf champion bull: Keyless, owned by Carl L. Johnson.
Junior champion bull: MK Jet Port, owned by Milandi Farms.
Senior champion bull: MK Top Jet, owned by Milandi Farms.
Grand champion bull: MK Top Jet, owned by Milandi Farms.
Reserve grand champion bull: MK Jet Port, owned by Milandi Farms.
Two Bulls: Milandi Farms.
Pair of Calves: Carl Johnson.
Produce of Dam: Milandi Farms.
Get of Sire: Milandi Farms.
Group of Five Heads: Milandi Farms.

(Continued on page 86)
Semiema dispersal averages $883 on 668 lots

Semiema Farms Dispersal was held September 1-2, on the farm near Swainsboro, Georgia. The two day event ended with 668 lots of cattle being sold for $590,075 to average $883.

Topping the sale was Meadow Mist Myogram 088, a proven performance sire from the West Virginia Test Station which sold for $8000 for ½ interest to Black Crest Farms, Sumter, South Carolina. LLL Semiema Blackace CA a black ¾ Ankina bull sold for $2500 to Thompson Lewis, Carrollton, Georgia.

Females were in strong demand from the performance herd. Semiema Eline 1682, a Jetliner 707 daughter, and her Scheerbrook Shoeshone bull calf commanded a bid of $6000. Eline 1682 sold for $5000 to Bob Engler, Bardstown, Illinois, while her bull calf sold for $1000 to Marvin Hall, Batesburg, South Carolina. Semiema Pride 1847, a Scheerbrook Shoeshone daughter bred to Jetline 707, sold to Tim Benton, Garnett, Kansas.

Auctioneers were Gerald Bowie, Mike Jones and Carroll Cannon. The sale was managed by the American Angus Hall of Fame.

Trade group reports milk levy opposition

An item in the National Farmers Union Washington Newsletter reported over 11,000 petitions have been received voicing opposition against USDA’s 50 cents milk production levy.

The signatures were in response to the organization’s petition drive against the imposition of a 50 cents per hundredweight cut off the top of each farmer’s milk check.

The petition requests the Reagan administration to postpone indefinitely the milk production assessment in order to give the new Congress time to draft a workable supply-management dairy program that will cut back on the growing dairy surplus without forcing thousands of family dairy producers out of business.

Hamel named FMA president

Ron Hamel, Orlando, director of information services for Dairy Farmers, Inc., was recently named president of the Florida Magazine Association.

The FMA is the only state association of magazines in the U.S. with membership exceeding 200 publishers and associate members.

Hamel served as treasurer of the association for two years, and chairman for the 1981-82 convention. He has also served as contest chairman for the association’s magazine contest.
FARI assists Florida farmers with chemicals

The Florida Agricultural Research Institute (F.A.R.I.) Winter Haven, is assisting Florida farmers to properly use crop protection chemicals and correctly dispose of their containers, according to Russell K. Herring, 1982-83 chairman of the board of directors.

“Each Florida Cooperative Extension Service County Director and each Florida agricultural commodity and trade association executive has received a complimentary, octagonal stamp with the imprint, ‘Before Using Any Pesticide, STOP, and Read the Label.’ The stamp can be used in correspondence to farmers, organization’s members, and numerous other ways,” said Herring.

Max Haigler, chairman of F.A.R.I.‘s pesticide safety education committee noted, “Use of the stamp with red ink will remind Florida farmers that proper and safe utilization of chemicals and disposal of containers is necessary. These production inputs must continue to remain available to farmers in sufficient quantities and at affordable prices.”

Herring concluded, “This educational program reflects F.A.R.I.‘s continuing commitment to insure crop protection chemicals be safely used for the benefit of all Florida citizens.”

F.A.R.I. is a 50-year-old, non-profit, agricultural trade association. Its 112 strong membership of formulators and associated industries represents the majority of agricultural fertilizer and chemicals used annually in Florida.

Red Angus sale bring $36,985 gross at Hidden Valley

Hidden Valley Ranch hosted their third performance tested sale November 6, at the farm near Brooksville. Gayle Ingram, Quitman, Texas, was the auctioneer.

A total of 50 lots grossed $36,985 to average $740. Thirty-three bulls totaled $23,500 to average $712. Nine bred cows averaged $808 to total $7275. Four bred heifers grossed $3410 to average $853. Four open heifers grossed $2800 to average $700.

The top selling bull Dynamo 140, a Mooreland Dynamo 610 son, was purchased by Bill Robbins, Davie, for $1225.

The top selling female Florida Girl 840, a daughter of Jess 637, was purchased by Charles Waller, Dade City, for $1050.

Volume buyers at the sale were Charles Waller, Dade City, and Haskell Pedigo, Orlando.

Harold Braaksma donated a heifer to the Florida Red Angus Association to be sold with all proceeds going into the advertising fund. She sold to Pedigo, for $700.
Architectural design of Agriplex shows that arrivals will park in 5000-space lot and take monorail to the center.

Ag editors hear about Agriplex

Members of the American Agricultural Editors Association (AAEA) held their first fall/winter meeting away from the midwest in the long history of the association, October 24-26. They met in Atlanta, Georgia, where one of the highlights was a viewing given by Charles M. Brennan, president of Agriplex, of the $800 million planned international agricultural trade mart to be located in Orlando.

During the period of the annual meeting, Brennan and his advertising/public relations coordinator, Pat Martin, had an A/V presentation available for interested editors, where they learned about the elements of the complex and about the growing area of central Florida.

One of the major elements in the plan will be to bring manufacturers into contact with not only prospects from the U.S. but from around the world who are engaged in agricultural production.

The complex will contain a huge exhibition facility; permanent manufacturers’ displays; hotel and meeting space; an arena for cattle sales and rodeos. The plans also call for a residential area with three neighborhoods with a total of 4525 units. Parks, recreation sites and an 18-hole golf course are also in the plans, along with an elevated monorail system.

For the livestock industry Brennan envisions a foreign customer setting up a new livestock operation “will find everything he needs under one roof—from breeds to buildings to feed, storage, heating and cooling—even the computers and software to manage the whole operation.”

Infrastructure construction is set to begin on the project no later than early 1983, said Brennan, with completion scheduled for early 1987.

The first phase of the marketing confirmation effort where participation by agricultural associations was secured is nearing completion. A number of trade associations have committed to utilization of meeting space with the complex on a definite basis, Brennan said.

Fourth Annual All Breed Graded Bull Sale

SELLING 80-100 QUALITY BULLS

Saturday, January 15, 1983—1:00 P.M.

Already consigned are:
34 3-year old Polled Hereford bulls from Georgia
25 3-year old Angus bulls from North Carolina

Others will come from established breeders including a number of Brahman bulls from well-known herds

Sale will be held at the market
For further information contact:
J. R. Padgett
813/689-2424

Steve Haney
813/773-6608

INTERSTATE LIVESTOCK MARKET
Seffner, FL 33594

Planning A Sale?

Contact any of our fieldmen for full details.

The Florida Cattleman
AND LIVESTOCK JOURNAL
P. O. Box 1403
Kissimmee, Fla. 32741

pull yourself together

THE FLORIDA CATTLEMEN/DECEMBER 1982/71
Amdro fire ant bait effectiveness

by PHILIP G. KOEHLER
University of Florida

Introduction

The imported fire ant now infests more than 30 million acres in Florida. In 1978 EPA banned mirex and left agricultural producers with no pesticide legally registered for application to agricultural land.

Recently, Amdro was registered for application to pastures and forests. Since few producers or county agents had experience with Amdro or know what to expect as far as performance, a demonstration program was established statewide to familiarize agricultural producers and agents with the product.

Procedures

During the summer of 1981, Amdro fire ant bait was provided to 24 county extension agents in Florida. The bait was to be used in result demonstrations with cooperating agricultural producers. The purpose of these demonstrations was to familiarize agents and producers with the new pesticide and its performance.

Ten counties returned data from the demonstration program. The counties were: Martin County, Columbia County, St. Lucie County, Jackson County, Leon County, Okaloosa County, Dixie County, Palm Beach County, Volusia County, and Gadsden County. In nine counties the bait was applied as an individual mound treatment by distributing five tablespoons of Amdro bait three to four feet around the base of the mound. One county, Martin County applied an area treatment by distributing Amdro bait at the rate of 1.5 pound of formulated bait per acre.

Prior to application of the Amdro bait, 20 active fire ant mounds were marked. At weekly intervals county agents returned to the marked mounds to determine whether they were active or inactive. Records of mound activity were kept for up to eight weeks post-treatment.

Results

The results of the Amdro bait treatments are shown in Figure 1. The one area treatment gave 85 percent control of fire ant mounds within one week of application. Individual mound treatment was just as effective as the area treatment only it took five weeks to achieve similar control.

These tests illustrate that Amdro bait is a relatively slow acting toxicant as an individual mound treatment. However by the end of eight weeks, 89 percent control was achieved. These results compare favorably with work done by The Division of Plant Industry and the U.S. Department of Agriculture where 85-90 percent control of mounds was achieved.

Although these demonstrations were applied as a one-time treatment and the control looks good, repeat applications may be necessary to keep the fire ant population suppressed. Many agents noted that although treated nests were killed, small incipient colonies formed after treatment. These new colonies are probably a result of ants flying in from surrounding areas or small unnoticed colonies growing in size after the large colonies were individually treated.
IMC buys most Hereford bulls at Wauchula

International Minerals Corporation, Myakka City, was the volume buyer of bulls at the Mid-Atlantic Hereford Association Bull Sale, held October 14, at Hardee Livestock Market, Wauchula.

The firm purchased 14 bulls for $16,900 to average $1207 on each purchase.

Other volume buyers were Tom Perry, Moore Haven, spending $11,450 for 11 bulls, and Maple Lane Cattle Company, Tampa, buying eight bulls for $8900.

IMC’s purchases also included the top selling bull consigned to the sale by Pine Pasture Farms, Suffolk, Virginia. IMC paid $1550 for the January, 1980, son of CMF C1 L2 Domino 8. The top seller traced back on the sire’s side to a Line One bull bred at the Agricultural Research Center at Brooksville.

The sale, managed by Paul Coleman of Charlottesville, Virginia, saw 95 bulls gross $98,250 to average $1034 per head. Consignments came from breeders in Georgia, Alabama, North Carolina, Virginia, and Ohio.

Auctioneer for the event was Morris Fannon, Pennington Gap, Virginia. H. L. (Chip) Carrier, represented the American Hereford Association.

Buyers, with number of bulls purchased in parentheses, if more than one and amount, follow:
- International Minerals Corporation, Myakka City (14) $36,900; Maple Lane Cattle Company, Tampa (8) $4900; Carlton Cattle Corporation, Sebring (3) $2950; Tom Perry, Moore Haven (11) $11,450; McCarthy & Sons, Dade City $500; Ray Carlton, Bowling Green (6) $5550; Skipper Carlton Company, Sebring (3) $3755; Hayward Simmons, River view (8) $6757; Bentley Brahman Ranch, Zolfo Springs (5) $1091; Hugh Griffith, Wauchula $900; Calvin Baker, Lethia (1) $225; Scarborough Ranch, Okeechobee (8) $8225; Tripp & Darby, Sebring (3) $2650; McGull Farm, Okeechobee (4) $2575; Raymond Crawford, Labelle (2) $1750; Ira Carlton, Bowling Green (2) $790; Spears and Henderson, Wauchula (5) $1300; Tommy Dunn, Sebring (4) $2500; Flora Carlton $850; SJ Ranch, Avon Park (2) $1650; Box Ranch, Wauchula (2) $2125; Diamond Ranch, Wauchula (2) $2375; Diamond Z Ranch, Wauchula (5) $2250; James L. Murphy, Sarasota $1025; Glen Douglas, Zolfo Springs $925.

Vanier heads Hereford group

Jack Vanier, Brookville, Kansas, was elected president of the American Hereford Association at the 101st annual meeting of the breed group held recently in Kansas City, Missouri. Vanier served the past year as senior vice president and succeeded John R. Howarth, Cleveland, Mississippi.

Named senior vice president was James Grote of Llano, Texas, and John Venhuizen, Manhattan, Montana, was named to the 9-man governing board.

The annual meeting was held during the American Royal. The association was formed in 1881 in Chicago, Illinois, and for 96 of the 102-year history of the AHA the headquarters have been located in Kansas City.

Fenton’s Fiberglass Liquid Feeders

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.

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Due to advanced age of owner, selling a large share of breeding stock. 35 registered, high quality females.

5 Solid Young Bulls For Sale
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D4 & Onward Breeding
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Whigham, GA 31797

THE FLORIDA CATTLEMAN/DECEMBER 1982/73
Alico buys 17 Hereford bulls at Southeastern Pen Bull Sale

Alico Corporation, represented by Gene Felton, LaBelle, was the top volume buyer at the 1982 Southeastern Hereford Pen Bull Sale, held November 4, at Bartow. The firm purchased 17 bulls for $15,075.

Also listed as volume buyers were Maple Lane Cattle Company, Tampa, purchasing nine bulls for $10,050, and McArthur Farms, Okeechobee, spending $7725 for five bulls.

The event, sanctioned as a Register Merit show and sale by American Hereford Association, grossed $109,350 on 94 bulls to average $1163.

The reserve champion pen was exhibited by Chambless Herefords, Dawson, Georgia. The bull had a weaning index of 118 and a yearling index of 119.5.

At the pen bull show, held November 3, the champion pen was exhibited by the University of Georgia, Athens, Georgia. The three bulls in the champion pen were half brothers sired by LHR L1 Domino 337. Diamond C Herefords, Donalsonville, Georgia, and Little River Farms, Asheboro, North Carolina, teamed up to buy the top selling bull from the champion pen for $3100. The other two bulls from the pen were purchased by Childs and MacArthur, Lake Placid, and Hunt Brothers, Lake Wales.

The reserve champion pen was exhibited by Chambless Herefords. Hunt Brothers purchased two of the bulls and MacArthur Farms, Okeechobee, purchased the remaining bull from the reserve pen.

Official judges for the pen bull show were Dean Thompson, a purebred Hereford breeder from Nashville, Tennessee, and University of Florida professors Bob Lee and Dave Prichard.

This year’s ROM event was dedicated to veteran Hereford breeders Lovette Jackson, who purchased the top bull, and E. D. Gregory, Jacksonville. Both are currently serving as directors of the Florida Hereford Association and have been active supporters of Herefords for many years.

At the regional youth judging contest that preceded the pen bull show, 156 teams and about 800 total individuals judged the classes. Tom Childs, chairman of the event, said that about twice as many youths judged at the event as at last year’s contest.

The Mulberry FFA Chapter took top honors in the FFA division, with Leto taking second, and Orlando Colonial FFA placing third.

High FFA individual was Terry Jones of the Mulberry group. Anisa Furrar, Leto, was second high, and Walter Brown of Mulberry was third.

The 4-H division was won by the Okeechobee 4-H Club. Fred Dietrich, Orlando, won the adult division.

Tom Cochrane, Fort Meade, coordinated the youth judging contest, along with Sid Sumner, Bartow.

A performance clinic, held prior to the sale, featured Larry Bynesh of the University of Georgia, and Bob Sand of the University of Florida.

The event was co-chaired by Tom and Sarah Childs, and the event’s founder, Dan B. Childs, all of Lake Placid.

A complete list of buyers, with number of bulls purchased in parentheses if more than one, and money spent, follow:

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WASDIN Charolais Ranch exhibited the reserve grand champion Charolais female at Tallahassee.

GRAINGER Jennings Farms exhibited the grand champion Charolais bull at Tallahassee.

WASDIN Charolais Ranch exhibited the reserve grand champion Charolais bull at Tallahassee.

JIM FORDHAM exhibited the grand champion Simmental bull at Tallahassee.

DON SHEVEY exhibited the reserve grand champion Simmental bull at Tallahassee.

BOND Simmental Ranch exhibited the grand champion Simmental female at Tallahassee.

JIM FORDHAM exhibited the reserve grand champion Simmental female at Tallahassee.

McTYRE Farms showed the grand champion Santa Gertrudis female at Tallahassee.

McTYRE Farms showed the reserve grand champion Santa Gertrudis female at Tallahassee.

GERALDINE Livingston exhibited the grand champion Santa Gertrudis bull at Tallahassee.

McTYRE Farms showed the reserve grand champion Santa Gertrudis bull at Tallahassee.

RICHARD PARKS exhibited the grand champion Brahman female at Tallahassee.
Global demand for beef increases

There is a growing global demand for beef, and Florida's cattle industry should try to find a way to become a part of it. The international beef trade has expanded by about a million metric tons over the last decade, according to USDA, yet the U.S. has realized only small gains in exporting beef, Commissioner of Agriculture Doyle Conner wrote in a recent "The Farm Front" column.

This development was triggered almost 10 years ago by the sharp increase in the prices of foreign oil, as well as by the growing industrialization of some developing countries. As these events have increased per capita incomes, people seeking a better diet have increased their purchases of beef, Conner points out.

Although there has been a massive transfer of wealth from the U.S. and other developed nations as a result of the oil price increase, American-style beef is still expensive in the Third World because it is mostly produced for the American consumer's standards and tastes.

Top-grade, feedlot-finished beef is more tender and tastes much better than some principal beef-producing countries, but the cost difference is too great for us to increase exports much, said Conner. The Economic Research Service says it costs $5000 a ton to deliver U.S. finished beef in Cairo, compared with $2000 a ton for beef from Argentina and some other producing nations.

The Middle East and North Africa are prime examples of the rise in beef purchases, ERS says. That area imported 90,400 metric tons of beef in 1975-about four per cent of world beef trade—but imports by the region last year reached 472,000 metric tons and are expected to top 600,000 tons this year—about 17 per cent of world beef trade.

The ERS study says that the Mideast governments are much more concerned about the nutritional value of meat for their consumers, and less concerned with the taste and texture of the beef they import. Therefore, they buy mostly low or medium quality beef rather than the feedlot-produced beef.

Increasing bankruptcies noted

A recent release pointed to increasing numbers of corporate failures in the U.S. According to Dun and Bradstreet, the failures have increased to the highest level since the depression year of 1932.

For the year so far, business failures have averaged 466 per week. By Dun and Bradstreet's count, 15,829 businesses were forced to either close or reorganize through August, a 49 percent increase from the same period a year ago.
Tired of having your industry put down? Tired of hearing how bad beef is for your health?

Then stand up and be counted. You have every right to be proud. Proud of your livelihood—and proud of the product you provide for the American people. Your membership in the National Cattlemen's Association lets you express that pride. It's your only national voice. Help it remain strong.

Show Your Pride! Join NCA Today!
Southern Select Polled Hereford bull sale is set

The third annual Southern Select Polled Hereford Pen Show and Sale is set for December 6-7, at the Polk County Agricultural Center, Bartow.

Ed Calendine, Alachua, chairman for the event, said about 75 top quality service age Polled Hereford bulls will be offered at the event.

The bulls will be judged by a three man team of judges on December 6. The sale will start at 1:00 p.m. on December 7.

Consignments are being entered by Santa Fe River Ranch, Alachua; Frostproof FFA Chapter; Crooked Lake Ranch, Frostproof; Rolling Meadow Farm, Trenton; High View, Williamson, Georgia; Honey Ridge Plantation, Guyton, Georgia; Rock Hollow Farm, Alachua; E. B. Gee, Blytheville, Arkansas; Sam Sells and Son, Moultrie, Georgia; Briar Creek Farm, Alma, Georgia; Fowken Farms, Union, South Carolina; and Mitchell Hereford Farms, Lumber City, Georgia.

Bailes field day has 100 people

Over 100 people viewed bulls, show cattle, and the cow herd at the Bailes Ranch second annual Field Day and Bull Sale, held October 30 at Fort Pierce.

Ranch officials reported that nine bulls, 16 to 20 months old, were sold at private treaty at the event for an average of $1205. All were sold to local cattlemen, officials said.

John Gray, Fort Pierce, represented the Florida Polled Hereford Association at the event.

Bond named FPHA leader

Bob Bond, Trenton, was elected president of the Florida Polled Hereford Association at the group’s annual meeting, held recently at Arcadia.

Serving with Bond will be Ed Yarbrough, Sanderson, vice president; J. W. Gray, Fort Pierce, secretary; and Doyee Teague, Alachua, treasurer.

Bill Snead, Alachua, and Larry Richardson, Gainesville, were elected directors for three year terms at the meeting.

P’Hereford sale averages $9819

The National Polled Hereford Sale held November 9 during the 60th National Polled Hereford Convention, Show and Sale scored an average of $9819 on 14 bull lots and 19 1/2 heifers lots.

Top selling animal was the reserve grand champion female which brought $50,000 for one-half interest. Phamis Hereford Farms, Hillsboro, Texas, was the buyer.

Highlight of the bull sale came with a one-half interest in a two-year-old son of Gold Standard Enforcer 107H, going for $30,750.

Kittiwake Farm, Jasper, Alabama, paid $7500 for a cow-calf pair, and Jarrod Sells, Moultrie, Georgia, sold a female for $7500. She was a daughter of WP Enforcer Lad 100L, reserve champion bull at the 59th National. Rattle & Snap Farms, Columbia, Tennessee, purchased a bull for $10,000 and 3/4 interest.

Join your local county cattlemen’s association.

NEW TO THE 1982 North Florida Fair at Tallahassee was this 24,000 square foot cattle barn. Representing a total investment of nearly $200,000, the facility has 280 inside ties and an additional 80 outside ties. It features a 6400 square foot show ring. Ruth Feras, executive secretary-manager of the fair, said there have already been inquiries about utilizing the facility for sanctioned sales in the off season.
Kissimmee bull sale totals $43,730

The 6th annual public auction of breeding age bulls on November 5 at the Kissimmee Livestock Market, Kissimmee, saw 63 bulls gross $43,730 to average $694.

Morgan Cattle Company, Tampa, was volume buyer at the event, spending $9075 for 13 bulls. Florida-Texas Trust, St. Cloud, was the second highest volume buyer, purchasing 18 bulls for $8125.

Breeds of bulls sold at the event were Polled Herefords from Echodell Farms, Jakin, Georgia, and Singletary Farms, Blakely, Georgia. Angus bulls were from Fra Mar Farms, Thomaston, Georgia. Simmental and Simbrah bulls were consigned by Echodell.

The event was managed by Southeastern Cattle Sales, Reynolds, Georgia. Auctioneer was Bryan L. (Bo) Swilley, Memphis, Tennessee.

Buyers at the sale, with numbers of bulls purchased in parentheses, and money spent, follow:

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<tr>
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<th>Number of Bulls</th>
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U.S. farm exports show decline

Agricultural exports in the U.S. during fiscal year 1982 declined more than 10 percent in value and three percent in volume, official government figures reveal.

During the October-September 1981-82 period, U.S. farm exports were valued at $39.1 billion, down $4.7 billion from the previous year and almost $1 billion less than USDA had expected.

In terms of volume, U.S. agricultural exports during fiscal 1982 were only 158 million metric tons, down from 163 million tons a year earlier. Feed grain exports, in particular, were off, totaling 57.9 million tons, down from 69 million tons in fiscal 1981.

Reports indicated sluggish worldwide economic growth, financial problems in the developing countries, and a strong U.S. dollar were given as reasons for the decline in U.S. farm exports.

USDA announced recently that support price for milk for manufacturing purposes would remain at $13.10 per hundredweight for the 1982-83 marketing year that began October 1.
O'Neal takes 1982 cowboy honors in Florida

Andy O'Neal, Sebring, won top honors as all-around cowboy for the past season in Florida as reported by The Florida Cattlemen. He won a total of $3194.96 in premium money in 1982.

Winning top honors in saddle bronc riding was Bob W. Brown, Mustang, Oklahoma, while O'Neal won the bareback competition. Bull riding champion was Charles Sampson, Los Angeles, California, and top calf roper was Morgan Grainger, Palatka. Winning the steer wrestling competition was Mike Oliver, Huron, Tennessee. Team roping leaders, both from Westville, were Steve Dewees and Anthony Peacock. Barrel race winner was Paula Fortner of Plant City.

Rodeo results covered during the year in The Cattlemen were furnished by Sparky Dent of Vero Beach.

Winners in the various divisions to five places and amount of money won were:

- All-around—Andy O’Neal, Sebring $1946.96; Charles Lowry, Summerville, Georgia $477.94; Roy Cooper, Durant, Oklahoma $397.99; Robert Todd, Jesup, Georgia $338.46; D. R. Daniel, Okeechobee $1999.97.
- Saddle broncs—Bob W. Brown, Mustang, Oklahoma $3230.24; Tony Cohen, Martin, Tennessee $2833.23; Rick Carpenter, Jasper, Alabama $2754.09; Andy O’Neal, Sebring $3033.72; Bob Redel, Okeechobee $1542.50; Barbeck—Andy O’Neal, Sebring $3030.72; Bob Logar, Cumby, Texas $2990.92; George Mesimer, Mocksville, North Carolina $1725.70; Michael Dishon, Beaumont, Texas $1718.70; Chuck Logar, McKinney, Texas $1476.71.
- Bull Riding—Charles Sampson, Los Angeles, California $4541.53; Wacy Cathy, Del Rio, Texas $2800.05; Jeff Wimbry, Fresno City, Alabama $2741.35; Scott Gilbert, Sulphur, Louisiana $2151.85; Jerry Belsey, Celera, Oklahoma $1817.97.
- Calf Roping—Morgan Grainger, Palatka $3282.36; Larry Bailey, Plant City $3431.38; Rabe Rabon, Okeechobee $3378.50; Roy Cooper, Durant, Oklahoma $2976.89; Craig Lowry, Summerville, Georgia $2952.57.
- Steer Wrestling—Mike Oliver, Huron, Tennessee $2963.96; Wendell Cooper, Okeechobee $2900.65; Johnny Perdue, Alturas $2336.71; Ronnie Deville, Baton Rouge, Louisiana $2967.28; Bob Barbee, San Antonio $1846.36.
- Team Roping—Steve Dewees and Anthony Peacock, Westville $1988.71 each; Leo Canavilla, Lockford, California $1857.01; and Tom Hennes, Felda, Texas $1772.16; Del Murphy, Avon Park, and Dan McClellan, Fort Myers $1666.38 each.
- Barrel Racing—Paula Fortner, Plant City $4647.17; Barbara Cannon, Ocala $2509.80; Pasco Wolfe, Alma, Georgia $2057.53; Jamie Kay Simpson, New Smyrna Beach $2071.07.
- Poppy Hughes, Ocala $1810.41.

The Louisiana Polled Hereford Association (LPHA) will hold a bull sale December 3 at Dominique’s Cow Palace in Marksville, Louisiana. The sale will begin at 12:30 p.m. with Jack Dillard as auctioneer.

All bulls offered will be from Louisiana producers. All have met strict weight requirements imposed by the LPHA, which have been raised from last year’s sale.

Dr. L. I. (Ike) Smart, LPHA secretary-treasurer, said that strict weight requirements mean only bulls with superior growth characteristics will be included in the sale.

Sale order will be determined by a weight chart with the heavier bulls offered at the beginning of the sale. Lunch will be available at the barn.
Georgia bull gets Gold Seal Award from APHA

A Georgia Polled Hereford herd sire has been given the Gold Seal Award by American Polled Hereford Association. The bull was one of five herd sires awarded the honor based on performance of their progeny in feedlot and carcass evaluation on the APHA’s Superior Sire Program.

The Georgia sire is RWJ Victor 266 HH33, owned by Robert P. Shapard III, Griffin, Georgia. Other bulls receiving honors were owned by E.B. Gee Ranch, East Prairie, Missouri; Circle B Ranches, Bay Springs, Mississippi; Glenkirk Farms, Maysville, Missouri; Master Key Place, Fulton, Missouri; Stonen Farms, Scottsdale, Arizona; Kal-Kota Polled Herefords, Steele, North Dakota; Wild Cat Ranch, Lipton, Saskatchewan; and JW6 Ranch, Clackamas, Oregon.

The Superior Sire Program is directed by Jim Gibb, APHA's director of education and research.

APHA announces performance awards

Three Polled Hereford bulls and two cows have achieved the Gold Performance Award, according to Jim Gibb, director of education and research of the American Polled Hereford Association (APHA).

The new Gold Performance Sires are EPH Vic Domino J11, owned by Elwing Polled Herefords, Pierce City, Missouri, Hickory Hill Farm, Blacksburg, Virginia, and Knoll Crest Farm, Red House, Virginia; Enforcer 107H, owned by Falklands Farm, Schellsburg, Pennsylvania, Wests Polled Herefords, Spanish Fork, Utah, Pudding River Poll ed Hereford Ranch, Salem, Oregon, and Cen-Cal Polled Herefords, Pleasant Grove, California, and MSU Special Edition, owned by Michigan State University, East Lansing, Storm Haven Farm, New Milford, Connecticut, Antonio Mountain Ranch, Petaluma, California, and My Way Farm Inc., Canfield, Ohio.

Newly qualified Gold Performance Dams are BBL Victra 1103 570, owned by Ohnemus Hereford Farms, Milo, Iowa; and KCF Lady Victor 892, owned by Knoll Crest Farm.

U.S. hog inventory on September 1 is lowest in seven years, according to USDA. Hogs and pigs in the 10 major producing states totaled 41.6 million head, down 12 percent from a year earlier.

Fed cattle at Omaha averaged $62 in September, down $3 from August, according to the Crop Reporting Service.

EIGHT ANNUAL BULL SALE

at the market

SATURDAY,
DECEMBER 18, 1982
1:00 P.M.

SELLING
130 BULLS

50 Simmental Bulls (3/4-7/8 & 15/16)
45 Limousin Bulls (3/4-7/8 & 15/16)
25 Simbrah Bulls (3/4 Brahman-1/4 Simmental)
10 Brahmosin (3/4 Brahman-1/4 Limousin)

These are all choice bulls, all coming two-year-olds. All pasture raised, hard and ready to work. These bulls are as good as can be obtained anywhere.

For additional information contact:

CHIPLEY LIVESTOCK COMPANY

E. D. "Buddy" Neel
Ph: 904/638-0267, 638-4498
CHIPLEY, FLORIDA 32428
Barfield Beefmasters gross $512,250 on 164 lots

The Barfield Sale, Eighth Edition, was held at the farm near Immokalee, on October 16. The annual sale, traditionally one of the top Beefmaster events of the year, attracted a large crowd that included 52 buyers from nine states.

The purebred sale grossed $324,400 on 47 lots to average $6902 and the commercial bulls averaged $1606 on 117 lots to gross $187,850.

In the purebred sale the top selling bull was purchased by Kellers Primrose Ranch, Dallas, Texas, for $29,500. The top selling three in one package went to David and Susan Brown, Fort Myers, for $23,000. Gamble Creek Beefmasters, Parrish, bought the top bred heifer for $8200. The top open heifer went to Thompson Brothers, Mandeville, Louisiana, for $4900. The top embryo recipient cow went to 77 Ranches, Basile, Louisiana for $30,000.

Top selling commercial bulls went to George Deadwyler, Jefferson, Georgia; Childress Cattle Company, San Antonio, Texas, and University of Florida AREC, Belle Glade.

Volume buyers were David and Susan Brown; Kellers Primrose Ranch; Three Aces Beefmasters, Atlanta, Georgia; 77 Ranches, Basile, Louisiana; Gamble Creek Beefmasters, and Door Key Cattle Company, La Belle.

A break down of the purebred sale show six bulls bringing a total of $75,300 to average $12,550. Twenty-five in 1’s grossed $167,400 to average $6696. Five recipient cows with embryo calves totaled $44,100 to average $8820. Three bred heifers averaged $4,067 to gross $12,200. Eight lots of open heifers grossed $25,400 to average $3,175.

The sale was managed by Thompson Cattle Marketing, Inc., San Antonio, Texas. Gerald Bowie, West Point, Georgia, was the auctioneer.

Brady Ranch is top volume buyer at Beefmaster sale

Brady Ranch, Indiantown, was the top volume buyer at the Florida Commercial Beefmaster Bull Sale, held October 21, at Kissimmee. The ranch purchased 15 bulls for a total of $30,300.

R. W. Carlton, Fort Pierce, was second high volume buyer, with purchases totaling $16,600 for 12 lots. I. D. Ranch, Orlando, purchased five lots for $13,700, and Joe Overstreet, Kissimmee, purchased seven lots for $10,000.

I. D. Ranch purchased the top selling bull for $4000.

Twenty-nine consignors from nine states put together the offering.

Sale figures showed that the 62 bulls grossed $107,200 to average $1729.

The event was managed by Wise Management, Inc., Samson, Alabama. Gerald Bowie, West Point, Georgia, was the auctioneer. Southeastern Beefmaster Breeders Association sponsored the event.

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

Fort Lonesome Cattle Company, (3) $3500; Brady Ranch, Indiantown (15) $30,300; Paul Beck, Moore Haven (2) $2300; Bobby Hall, (2) $2600; Joe Overstreet, Kissimmee (2) $10,000; R. W. Carlton, Fort Pierce (2) $13,700; John Iral, Hinton, Sebring (4) $4300; Lloyd Boney, Okeechobee (2) $4700; I. D. Ranch, Orlando (5) $13,700; John Iral, Clewiston (2) $3000; R. W. Carlton, Fort Pierce (12) $16,600; Donald Kelley, Clewiston (2) $3200; Seminole Tribe, Brevard (2) $13,700; Roberts, St. Augustine (2) $13,700; Williams, (1) $3000; Henry Taylor, Sanford (1) $2000; Unknown (1) $1700.
Montgomery Beefmaster Commercial Bull Sale

Thursday, February 10, 1983 at 10:30 a.m.
Casey Stockyard
Montgomery, Alabama
before regular sale

SELLING:
75 Head

AUCTIONEER: Gerald Bowie

Wise Management, Inc.
P.O. Drawer 327
Samson, AL 36477
(205) 898-2647

SALE HEADQUARTERS:
Holiday Inn (Airport)
1100 W. South Blvd.
Montgomery, Alabama 36105
205/281-1660

Sponsored by Southeastern Beefmaster Breeders Association

"Working Bulls for Working Cowmen"
 Zipperer hosts Beefmaster day

Zipperer Beefmaster’s, Fort Myers, was host for the “Cattlemans” Field Day, held October 9, at the ranch south of Clewiston. Cattlemen representing over 100,000 head of cattle were present at the ranch owned by Jennie Lee Zipperer. Lunch was furnished by Zipperer Beefmaster’s and the drinks were courtesy of Purina Feeds.

Jennie Lee Zipperer welcomed everyone and introduced special guests and speakers on the program.

Fred Barfield, Immokalee, BBU President, covered the development of Beefmasters and presented some facts about Beefmaster Breeders Universal.

Hugh Williams, Okeechobee rancher, gave a history of his operation and the advantages of using Beefmaster bulls in a commercial beef program.

R. S. Sands, University of Florida, presented a short program on performance records and how to use them.

John Holt, with the University, gave some facts and figures on what a bull is really worth.

Buddy Davis, BBU field services, explained how to build herd equity with Beefmasters.

The highlight of the day was the drawing for a Beefmaster bull presented by Zipperer Beefmasters. All members of the Florida Cattlemen’s Association attending were eligible. Anne Smith of Lock-N-40 Ranch at LaBelle was the winner.

Colorado company sells non-graded beef

A Denver, Colorado-based supermarket chain, King Soopers, reports the company’s first year of selling non-graded or generic beef has been successful.

Company officials report nearly 55 percent of the 57-unit chain’s beef tonnage is non-graded beef, with 45 percent in the Choice grade.

The firm reported it was noted that many consumers are not aware that beef grades exist.
COMMERCIAL DISPERSAL
(Beefmaster Base)

Monday, December 13, 1982
1:00 p.m.
Dothan, Alabama at Dothan Livestock Market on Highway 231, South of Dothan

The inexpensive way to get into the Beefmaster business. Buy certified 2C, 1C, and enrolled cows and be part of the Beefmaster movement. Increase your profits by buying cows that their calves will be more valuable than their purchase price.

SELLING 362 HEAD

BULLS
50 - Range Bulls

FEMALES
35 - Purebred & 2C Beefmaster Cows, Fall Calvers
41 - Certified 1C Bred Cows
50 - Bred Base Cows
100 - Commercial Cows, Bred Beefmaster
5 - Purebred Beefmaster Yearling Heifers
10 - 2C Yearling Heifers
21 - 1C Yearling Heifers
50 - Commercial Crossbred Heifers

CONSIGNORS
Al B. Curry
Immokalee, FL

Don Smith & Sons
Erick, OK

Ralph Moody, Sr.
Ralph Moody, Jr.
Ponce de Leon, FL

AUCTIONEER: Gerald Bowie

SALE MANAGER:
Wise Management, Inc.
P.O. Drawer 327
Samson, AL 36477
(205) 898-2647
DISPOSITION means more profit to you "Mr. Cattleman"

For information write or call:
P.O. Box 155 - F
Scotts Hills, TN 38374
901/549-7321

Shows

(Continued from page 68)

Brangus—26 head

Bull calf champion: 214/1, owned by Flint Land and Cattle. Reserve bull calf champion: FL C Rocky Joe 251/1, owned by Flint Land and Cattle, Covington, Georgia. Junior champion bull: BC Rocky Joe 90/1, owned by Roy Zigalla, Sumter, South Carolina. Reserve junior champion bull: GW Rocky 2/1, owned by Roy Zigalla, Sumter, South Carolina.


Get of Sire: Bozzuto Angus Ranch with the get of Bevo Proton of Bozzuto. Junior Get of Sire: Wildwood Acres. Best Sis Head: Bozzuto Angus Ranch.

Berry meets with show producers

NCA Executive Vice President Dub Berry met recently with the producers of the "Richard Simmons Show" to discuss the appearance of an industry spokesman on the show to discuss the growth hormone issue.

According to NCA, the producers have offered the industry seven minutes to discuss the issue on an upcoming program.
Southeastern Beefmaster Breeders Association
Consignment Sale

Saturday, January 8, 1983
at the Sales Arena, Mississippi State Fairgrounds
Jackson, Mississippi

SELLING:
60 Females at 10:30 a.m.
30 Bulls at 2:00 p.m.

Sponsored by
Southeastern Beefmaster Breeders Association
Sale Manager
Wise Management, Inc.
Travis Wise
P.O. Drawer 327
Samson, AL 36477
(205) 898-2647

Auctioneer: Gerald Bowie

Sale Headquarters:
Coliseum Ramada Inn
Jackson, Mississippi
(601) 969-2141
The Answer...
Red Brangus!

The Question...

- What breed lets you forget cross and crisscross breeding programs and calving problems?
- What bull can you use generation after generation to upgrade your commercial cows to a uniform, polled, beefy and hardy breed?
- What breed is heat tolerant, resistant to insects and disease pests and is free of cancer eye problems?
- What cow has early maturity, exceptional fertility and high milk yield?
- What breed consistently has high weaning weights and produces an animal of superior beefiness and finish?
- What gentle breed has climate adaptability and can gain on grass or feed with the best of the competition?
- What was the first breed with Brahman blood to produce a certified meat sire?
- What breed makes you glad to be a cowman?

JUST WEANED 1982 CALF CROP — CALL FOR DETAILS.
Historically Practical

History tells us Nelore cattle originated and were developed in an area similar in geography and climate to that of the southern coastal plains of the U.S. History, too, tells us the Nelore was one of four Bos indicus breeds (out of more than 30) influencing the development of the American Brahman.

And history also tells us these cattle always have been valued for their fertility, their hardiness, their resistance to insects and disease, their efficiency and their milking ability. History tells us that for centuries they were prized in their native land for these traits and that these traits have been preserved—in fact, improved—in Nelore cattle imported from India to Brazil near the turn of the century.

History tells us, too, that some cattlemen in this country have strayed occasionally from the basics, ignoring fertile, productive, efficient cattle in pursuit of assorted fads. Now history is recording problems faced by practical, serious cattlemen in their quest for cattle that excel in the basics.

Maybe they should study their history. And look to Nelore. Walker Wilson did and then he brought the best he could find back from Brazil. A cowman of the old school, a believer in the basics, Wilson deliberately chose a breed whose history said it could infuse fertility into American Brahmans. He chose a breed whose name signifies fertility. History, it is said, is a good teacher.

WALKER WILSON IMPORT CO. INC.
P.O. Box 567 / Overton, Texas 75684
(214) 834-3414 / Contact: Walker Wilson
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REGISTERED BRAHMANS

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(904) 929-4346

Bill & DiAnne Thompson
Gerald Tice
Preparations made for 1982 ag census

Final preparations for the 1982 Census of Agriculture are on schedule at the Commerce Department's Census Bureau. The census will begin in January to canvass farm and ranch activities in some 1,300 counties for calendar year 1982. Every household which conducts agricultural operations will receive its form in the mail at the turn of the year. They will be asked to return forms by February 15 in order to provide basic information about the number of farms, commodity production, land use, and income levels in agriculture. Because of the declining farm income situation, along with high interest rates, the data from the agriculture census will be important to the nation's policymakers, farm supply and marketing firms, as well as farmers themselves.

In this census, twenty-second in a series that started in 1840, most farm and ranch operators will receive a four-page form in the mail. Only one-fifth of the operators will receive a five-page version. The forms were redesigned to reduce the burden on respondents through greater ease in reporting. The Census Bureau will use forms for the first time in a mail census that will seek information on a regional basis. This will permit farmers to provide data about crops grown in their particular area without being asked about crops not found in their area.

In developing the report forms, the census bureau obtained the advice of farmers, representatives of farm suppliers, agricultural universities, Congress, and state and federal agencies. The new regionalized forms were tested to determine that the questions were easily understood so farmers and ranchers could accurately supply the information requested.

The Census of Agriculture is being conducted for the first time in phase with the five-year cycle of censuses of retail and wholesale business, industry, and manufacturing. Users of the agriculture census data are expected to be better able to relate that information to other economic fields aiding agri-business, the nation's leading industry.

The 1982 Census of Agriculture will be conducted as follows:

1. All respondents will be asked: the amount of farm acreage by type of ownership; land use; acreage, production, and sales of crops; inventory; number sold, and sales value of livestock and poultry; and selected characteristics of farm operators and farm management.

2. About 20 percent of farmers and ranchers will receive an additional page seeking information on: value of land and buildings; selected production expenses; selected farm equipment; hired farm labor; fertilizer and pesticide use; interest expenses; and farm energy usage and storage capacity.

These data will be summarized and published for each of the 3100 counties which have agricultural operations, for each state, for regions, and the entire nation.

Completed census forms should be mailed back as soon as possible in January in the confidential, postage-paid envelopes provided. Estimated figures are acceptable and should be reported in the absence of firm records.

Response to the census is required by law (title 13, United States Code). By the same law, information furnished on report forms is kept confidential and even other government agencies cannot obtain or use the report made by any farmer or rancher. They are also protected from provisions of the Freedom of Information Act. The law also provides that copies retained by the operator are immune from legal process.

Average retail beef prices show decrease

Average retail beef prices have shown a sharp decrease and consumers in most cities currently can obtain very good beef buys.

This was pointed out October 20 by the National Cattlemen’s Association, in connection with a report on the association’s monthly survey of beef prices in super markets across the country.

The average price of five beef cuts in 19 cities on October 14 was $2.36 per pound, compared with $2.52 on September 9. This was the lowest average since last February, and it was even lower than the averages that prevailed in 1980 and 1981.

The decrease, NCA noted, reflected ample supplies of beef, substantially lower wholesale beef prices and a marked increase in beef price specializing in many cities. The steak price averages, in particular, showed sharp decreases.

Citing the ample beef supplies, NCA recently urged food retailers and restaurant operators to step up their featuring of beef. It appears that there has, indeed, been more featuring in more cities. Volunteers from the American National CowBelles checked the extent of featuring in 18 of the 19 NCA survey cities, and they reported an increase in advertising of beef at special prices. They also reported indications of lower average prices in most markets.

USDA says direct government payments to farmers will total between $4 billion and $4.5 billion this year.

According to USDA 2-wheel drive 30-39 horsepower tractors sold for an average of $11,100 during September, up from $11,000 in June, $10,500 a year ago, and $7180 five years ago in September 1977.
**Report given on oral vaccination testing**

Dr. Paul Nicoletti, College of Veterinary Medicine, University of Florida, Gainesville, recently reported on the first phase of the research project on oral brucellosis vaccination which was completed a short time ago.

Nicoletti said a scientific paper was prepared and accepted for publication in the *American Journal of Veterinary Research*, and is due to be published within a few months.

Summarizing, the experiment and the report, Nicoletti said, "A herd of 20 heifers was vaccinated orally with *Brucella abortus* strain 19. These and 21 controls were challenged in midgestation with strain 2308 by the oral route. Approximately half the controls (10 of 19) aborted and 14 cows were culture positive. Two additional cows were seropositive at slaughter. None aborted.

Titters following oral vaccination were of short duration.

"A second phase of the studies on oral vaccination is underway. Thirteen calfhood vaccinated heifers will be included as controls along with approximately 20 vaccines. Twenty orally vaccinated heifers will be compared with the other groups. The 13 heifers have been challenged via the oral route and the remaining 40 heifers will be challenged at an early date."

Nicoletti said progress reports in the second phase will be furnished to the donors of the project and other interested parties. He expressed appreciation for the support and interest given the project.

**Alabama Brahman sale averages $1524**

The Alabama Brahman Association held their seventh annual consignment sale in Montgomery, Alabama, following the open Brahman show at the South Alabama State Fair.

Thirty-nine lots of registered Brahman cattle sold for a grand total of $59,450 to average $1524.

Leslie Hudgins of Hungerford, Texas was the volume buyer for the sale with a purchase of six head for a total of $9900 to average $1650.

Nine cow-calf pairs grossed $13,900 for an average of $1544. On 26 head of Brahman heifers a total of $30,050 was paid for an average of $1163.

Gerald Bowie of West Point, Georgia, served as auctioneer.

Feed grain production (corn, sorghum, oats, and barley combined) in the U.S. is expected to total 252 million metric tons, up one percent from 1981.
NCA adopts membership drive theme

"Strength Through Unity" is the theme of the 1983 membership drive of the National Cattlemen's Association. The goal of the drive, which began November 1, is to sign up 6000 new NCA members by March 31, 1983, according to NCA President Sam Washburn.

NCA is the national spokesman for all segments of the nation's beef cattle industry—including cattle breeders, producers and feeders. It represents approximately 245,000 professional cattlemen throughout the country. Membership includes individual members, 50 affiliated state cattle associations and 20 affiliated national breed organizations.

NCA's basic purpose is to provide the cattle industry with a focal point through which members work collectively to solve industry problems and protect their investments and livelihoods. The services provided to NCA members are based on what cattlemen have said they need.

"The association's services, like its members, are practical and bottom-line oriented—with the ultimate goal of improving profitability," Washburn said.

The main NCA functions are government affairs, industry public relations, and economic and educational information for members.

In commenting on NCA's membership potential, Washburn noted that almost 80,000 cattle owners received more than 80 percent of their incomes from cattle. However, he added, "less than 40,000 direct dues-paying members provide most of the funding for NCA's programs, which benefit the entire industry. It is our feeling that this cost should be shared by more cattlemen. We would like to have all cattle owner as NCA members, certainly those who receive most of their incomes from cattle should support their national organization.

"Our goal is not just to spread the cost of national representation among more cattlemen but to achieve greater strength through unity. We need stronger representation in Washington to deal with the many problems confronting the beef cattle industry today. The more involvement we have by individual cattlemen, the greater our effectiveness can be."

Business failures on rise

Although rising numbers of American businesses are failing, the Department of Commerce says that new ones are being incorporated at the rate of 40,000 to 90,000 a month so far this year.

More than 20,000 U.S. business firms have closed their doors already in 1982, assuring that the year will be the worst since 32,000 businesses failed in the depression year of 1932.
Waters wins steer honors at Interstate Fair

Kym Waters of the Tate FFA Chapter showed her 1335 pound steer to grand champion honors at the Pensacola Interstate Fair, held October 20, 1982, at Pensacola.

At the sale, the grand champion was purchased by Milwaukee Brewers baseball pitcher, Don Sutton for $3.70 per pound to bring the exhibitor a total of $4935.50.

The reserve grand champion steer was exhibited by Pete Gindl, Jr., also of the Tate FFA. Bob Salter of Atmore, Alabama, purchased the 1350 pound reserve champion for $2.05 per pound and a total of $6457.50.

In the 4-H division, Karen Holley of Allentown showed the champion, and Stephen Gindl, Escambia County 4-H Club, exhibited the reserve champion.

The champion 4-H steer weighed in at 1320, and was purchased by Winn-Dixie Stores for $1.50 for a total sale price of $1980. R&R Delivery Service purchased the 1235 pound reserve 4-H champion for $1.25 per pound to bring $1543.75.

A total of 38 steers were exhibited and sold at the event. The sale grossed $48,914, and the average sale price came to $1.17 per pound.

Covington named Miss Florida Agriculture

Laurie Covington, 19, was named Miss Florida Agriculture for 1983 during Florida Farm Bureau Federation's (FFBF) 41st annual convention October 31-November 2, at Kissimmee.

Covington, a sophomore at the University of Florida majoring in microbiology at the University of Florida's College of Agriculture, is eager to represent Farm Bureau and agriculture.

"There is no future for anyone without agriculture and its organizations like Farm Bureau which keep the future looking bright for this industry," said the Polk County representative.

She was crowned by Suzi Sojack, Miss Florida Agriculture 1982, and presented a check for $500. Covington is the daughter of Mr. and Mrs. Ted Covington of Lakeland.

First runner-up was Teresa Lott, 18, of Hillsborough County. The daughter of Mr. and Mrs. Ronald Lott, she received a check for $75.

Elizabeth Cadwell, a 19-year old Stetson University student, received a $50 check as second runner-up. She is the daughter of Mr. and Mrs. W.G. Cadwell of Lake County.

Sixteen contestants were judged on personality, general appearance, poise, conduct and the ability to clearly express themselves.
Georgia Brahman sale averages $1199 at Tifton

Georgia Brahman Association held its third Annual Invitational Sale on October 30, at the Coastal Plain Experiment Station, Tifton, Georgia.

Thirty-five lots totaled $41,950 to average $1199. A breakdown showed nine bulls grossed $12,150 to average $1350 and 26 females averaged $1146 to gross $29,800.

The top selling bull was consigned by W.H. Stuart Ranch, Inc., Bartow. He sold to Dole Cook Farm, Colquitt, Georgia, for $1875. The second high selling bull was consigned by H.O. Kennedy and Sons, Jacksonville. He sold to Archie Mitchell, Claxton, Georgia, for $1625.

The high selling female was consigned by Pasley Farms, Thomaston, Georgia, and was purchased by Al Joyner, Millersville, Georgia, for $2025. The second high selling female was consigned by Randy Rigsby, Camilla, Georgia. She was purchased by J.W. Hughes, Ransom, Georgia, for $1600.

Volume buyer at the sale was Al Joyner, Millersville, Georgia, who purchased seven lots for $9175.

The sale was sponsored by the Georgia Brahman Association. William T. Wells, Lakeland, was the auctioneer.

Tucker Brahman Win in Alabama

The reserve grand champion bull and reserve grand champion female were exhibited by G.A. Tucker and Sons, Cocoa, at the South Alabama State Fair October 20 in Montgomery, Alabama. The bull was TA Florida Bozo Oresto 43/1, and was also the junior champion. The female was GAT Lady Bozo de Florida 43/1, and she was named junior champion.

Tucker and Sons also won the get-of-fire class with progeny by BL Little Bozo.

The show was judged by Marcus Shackelford of Wauchula.

Phosphate industry unemployment drops

Phosphate industry unemployment is continuing to decline with November 5 unemployment figures standing at 2425 (16.6 percent) statewide and 1353 (14.7 percent) in Polk County, according to the Florida Phosphate Council.

Last June and July, the statewide figure was 3565 (24.4 percent) and Polk County had 2703 (29.4 percent) phosphate industry workers laid off. Council officials say there are five mines and two chemical plants closed down.

Since June 1981, lost wages in phosphate jobs and in induced labor total $1.1 million in Polk County.
Leffovers are a part of everyday life, but become even more apparent during the holidays. Well planned, plentiful meals will insure that several meals will abound from the preparation of just one.

During the time between Christmas and New Year's, when children are home from school and friends frequently stop to visit, it is especially important to be able to produce a tasty snack or informal meal in a matter of minutes. Having leftovers on hand, certainly makes this an easy task to do.

A perfect entree to begin with is a beef roast, be it tenderloin, top round or the prestigious standing rib roast.

To insure satisfaction in the prepared roast, the meat should be placed fat side up on a rack in a shallow roasting pan. (The melting fat on the top, bastes the roast as it cooks.) To insure that the desired degree of doneness is achieved, a meat thermometer should be placed in the thickest part of the selected cut, well away from fat or bone. Roasting meat in a slow oven (300-325 °F) will reduce the cooking losses and produce a flavorful, juicy roast. When the meat thermometer indicates that the degree of doneness has been reached, the roast should be removed from the oven. For best results, the roast should be allowed to rest for 10-15 minutes before carving. To carve, place the roast, large end down to form a solid base. Insert the fork firmly between the two top ribs. Starting on the opposite or fat side, slice across the grain to the rib. Loosen the meat from the bone by cutting as closely as possible along the bone's inside edge. Cut the slices according to desired thickness, ¼ - ½ inches thick.

New ideas for appetizers are always welcomed, especially award winning ones. "Roast Beef Party Logs" was the 1982 National Beef Cook-Off third-placed winning recipe and is not only delicious, but has the added feature of allowing advanced preparation as well.

The cap on this year’s activities will be exciting with the addition of a few new beef recipes to your recipe file.

## Speedy French—Style Sandwiches

1 pound leftover sliced roast beef; 4 coissants or soft rolls; 3 tablespoons butter or margarine; 1 small onion, thinly sliced; 4 ounces mushrooms, sliced; 1 clove garlic, minced; ½ teaspoon salt; 1 cup brown gravy.

Wrap rolls in foil; warm in slow oven (300°F) while preparing meat. Separate onion slices into rings and cook in butter or margarine in large frying-pan two to three minutes. Add mushrooms and garlic and cook, stirring, until onions begin to turn transparent. Add Sliced beef and warm. Remove frying-pan from heat; sprinkle with salt and stir in gravy. Serve on warm rolls. Yield: 4 sandwiches.

## Roast Beef Party Logs

2 pounds boneless beef chuck roast, cut into 1 to 1½-inch cubes; 2 tablespoons cooking oil; 2 cups water; 1½ teaspoons salt; ½ teaspoon pepper; 1 cup brown gravy.

Brown meat in oil in heavy four to five quart pan or Dutch oven. Add water, salt, pepper and allspice. Bring to a boil; reduce heat to medium low. Cover and cook for approximately 1½ hours or until tender. (If desired, a pressure pan may be used; reduce water to 1 cup and cook according to manufacturer's directions.) Remove beef from cooking liquid; cool. Grind beef. Combine beef, mayonnaise, celery, relish and steak sauce; mix well. Divide into 12 portions; shape each portion into a "log" approximately five inches long. Press mixture firmly to hold shape. Refrigerate while preparing cream cheese mixture. Combine cream cheese whipped cream cheese, Cheddar cheese, green pepper and pimento; mix well. Spread cheese mixture over each log covering well. Sprinkle with paprika and roll in nuts. Chill until firm enough to slice. (In freezer, allow approximately 12 minutes; in refrigerator allow 45 to 60 minutes.) Slice logs as needed, cutting each into approximately 12 slices. Garnish with cherry tomatoes, green onions and parsley. Serve with assorted crackers and horseradish mustard, if desired. Yield: Approximately 144 appetizers. Note: Logs freeze well so can be made well in advance.

## Beef Mini—Kabobs

1 pound beef top round steak, cut to ½-inch thick; 1 cup Italian dressing; green onions, thinly sliced; 1 teaspoon salt; ¼ teaspoon pepper; 2 cups celery; small zucchini; 12 cauliflowerettes; 2 small radishes

Partially freeze steak to firm and slice into thin strips. Combine dressing, green onions, salt and pepper. Place beef strips in utility dish or plastic bag; add half the marinade, turning to coat. Cover dish or tie bag securely; marinate in refrigerator two to four hours, turning at least once. Cut zucchini in half lengthwise; cut each into approximately ½-inch pieces. Place zucchini, cauliflowerettes and radishes in another utility dish or plastic bag; add remaining marinade, turning to coat. Cover dish or tie bag securely; refrigerate marinade and vegetable mixture in refrigerator two to four hours, turning at least once. Remove steak strips and vegetables from marinade. Reserve vegetable marinade for each kabob, thread a strip steak and vegetables on four inches of metal or bamboo skewers. Place kabobs on rack in broiler pan. Place kabobs on rack in broiler pan. Surface of meat is three to four inches from heat. Broil four to five minutes, turning occasionally and brushing with reserved marinade. Yield: 36 kabobs.

---

**Standards For Doneness**

<table>
<thead>
<tr>
<th>Meat</th>
<th>Color</th>
<th>Description</th>
<th>Internal Temperature °F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beef</td>
<td>Rare</td>
<td>Rose red in the center; pinkish toward the outer portion, shading into a dark gray; brown crust; juice bright red</td>
<td>140</td>
</tr>
<tr>
<td>Medium</td>
<td>Light pink; brown edge and crust; juice light pink</td>
<td>160</td>
<td></td>
</tr>
<tr>
<td>Well done</td>
<td>Brownish gray in center; dark crust</td>
<td>176</td>
<td></td>
</tr>
</tbody>
</table>

Source: Adapted from Meat and Meat Cookery (Chicago: National Live Stock and Meat Board, 1942), p. 102
**Washington Report**

**Election Results**

Getting much of the publicity after the November 2 election was a change in numbers of Democratic and Republican representatives in the House. This change may bring some shift in legislative philosophy and approach, but the trend may be less liberal than some observers immediately suggested.

Of most significance to cattlemen is a loss of certain Congressmen who have been very involved in agricultural matters. These particular House members happen to be Republican, but the loss of these individuals is more important than any change in party representation.

Among the House members who lost their seats was Wampler of Virginia, ranking minority member of the House Ag Committee and a person who has been involved in food safety legislation and other key issues—plus other Ag Committee members: Hagedorn of Minnesota, Findley of Illinois, Roberts of South Dakota. Other losers who have been involved in ag matters were Clausen of California, House Interior Committee member, the Rousselot of California, Ways and Means Committee member.

The industry may also have good rapport with the persons who won some of these races, but there still is a loss that will have to be overcome in the NCA's and cattle industry's work in Washington—a loss that goes beyond party lines.

**Potential residue problems**

Statements on a recent TV show about alleged residues of hormone implants in beef were irresponsible, but those kinds of statements obviously can cause problems relating to public acceptance of beef. In order to maintain a favorable public perception of beef, the industry must continue to work to see that there are no harmful residues of drugs and pesticides.

In this connection, the extension service now has a special residue avoidance program (RAP) in operation. There are different programs, for different species, in different states—all in coordination with the federal extension service and involved agencies. NCA and other industry groups have recently had input into their over-all educational programs, and it appears that it can be worthwhile. Most attention initially has been on livestock and not cattle. That is because there have been no significant residue problems in beef recently. Possibly the RAP can help avoid problems in the future also.

**Beef exports**

The industry—through NCA and the Meat Export Federation—and the U.S. government have been making real efforts to increase beef exports, including exports to Japan. As USDA and others have noted, there is little doubt that if Japan were to permit more access to its beef market and were to let the market determine retail prices, Japanese consumers would buy more beef. However, the Japanese government permits strong barriers against beef imports in order to protect the country's very small and relatively inefficient farms.

At present Japan imports only about 2.5 pounds of beef per capita. It is hoped that trade talks can result in greater access to the Japanese market. Not long ago, U.S. and Japanese officials met to open talks on beef and citrus exports to Japan. The U.S. is pushing for total liberalization of trade in those commodities. U.S. officials felt that, in the initial meeting, no progress was being made in completely opening the Japanese market for U.S. beef, and the talks were broken off. Presumably talks will be held again later.

**Membership drive**

In order for the beef cattle industry to be most effective in Washington, it must have the broadest possible involvement of cattlemen in the industry's organizations—including both state and national. That is one reason why "strength through unity" is the theme of NCA's 1983 membership drive.

NCA President Sam Washburn noted that almost 200,000 cattle owners receive more than 50 percent of their incomes from cattle. However, fewer than 40,000 direct dues-paying members provide most of the funding for NCA programs at the national level—programs, including government affairs work, which benefit all cattle producers. Washburn said it is felt that the cost of these programs should be shared by more cattlemen.

Another major reason for more direct membership in the national association as well as state cattle and national breed organizations is the matter of clout in Washington. Still stronger representation is needed in Washington, as well as in public information and other programs on behalf of cattlemen, if the industry is to cope with problems that continue to emerge. Obviously, the more involvement by cattlemen, the greater the effectiveness of their organizations.
Four rodeos in state get coverage

Four rodeos in Florida were officially parts will be handled through our office and plant at Weatherford, Ok.

Okeechobee

Barebacks 1st go round—Andy O'Neal, Sebring, (62) $166; Jim Watford, Okeechobee, (78) $88; Paul Bedford, Intercession City, (66) $58; Darrell Baker, Hagen, Louisiana, (65) $14; Johnnie Robbins, (64) $41; Johnny Okeechobee, (66) $41.

Barebacks 2nd go round—Andy O'Neal, (140) $117.60; Darrell Baker, (138) $14.60; Jim Watford, (136) $117.40.

Saddle Broncs 1st go round—C. J. Vincent, Baton Rouge, Louisiana, (64) $121.52; Jacki Hammett, Gaffney, South Carolina, (63) $59.50; Paul Atkinson, Okeechobee, (54) $30.38.

Saddle Broncs 2nd go round—Andy O'Neal, Sebring, (68) $121.52; Ground Split.

Barebacks Average—Andy O'Neal, (120) $178.60; Barry Hagen, (124) $65.80; Jim Watford, (121) $55.60.


Calf Roping—Robert Todd, Jessup, Georgia, (9) $68.90; Larry S. Bailey, Plant City, (10.1) $60.08; Frank Ref, Orlando, (10.2) $54.72; Cecil Broussard, Denham Springs, Louisiana, (10.5) $113.68; Randy Barthe, Dai City, (10.5) $13.68.

Steer Wrestling—Robert Todd, Jessup, Georgia, (48) $736.90; Johnny Perdue, Alturas, (52) $552.72; Jim Nell, Ocala, (5.3) $66.48; Bob Barthe, San Antonio, (5.5) $133.88; Bull Riding 1st perf. Day Money—Greg Castor, Monticello, Arkansas, (60) $90; D. R. Boyd, Arcadia, (51) $95.00; Randy Mecone, Collins, Arkansas, (58) $95; Chuck Ingraffia, (62) $95.

Bull Riding 2nd perf. Day Money—Robert Gontio, Hialeah, (66) $76.00; Frank Womack, Texas, (72) $76.00.

Larry McWilliams, Jackson, Mississippi, (69) $76.00; Smith, Loranger, Louisiana, (69) $76.00; Bull Riding 3rd perf. Day Money—Leander Frey, Easton, Louisiana, (68) $55.57; Mac Chancellor, Contemint, (65) $58.57; Rooster Poe, Dermott, Arkansas, (77) $55.57; Tolley, Texas, (63) $55.57.

Jay Austin, Jr., Florence, Mississippi, (69) $269.50; Skip Emmett, Louisiana, (69) $269.50; Brett Bollich, (68) $107.80; Saddie Broncs—Scott Fletcher, (75) $149.44; Rick Carpenter, Jasper, Alabama, (69) $262.15; Billy Frey, (69) $262.17; Tommy Bryant, Jonesboro, Arkansas, (68) $104.86; Bull Riding—Rooster Poe, Dermott, Arkansas, (77) $46.60; Mac Chancellor, Contemint, (74) $499.00; Bob McDonald, Oklahoma, (72) $249.90; Bull Roping—Morgan Gontio, Palakka, (9.9) $791.84; Bill Barthe, San Antonio, (11.7) $593.88; Ricky Sorrells, Rochester, Montana, (4.6) $296.94; Barlel Race—Emily Fineberg, (11.5) $337.56; Paula Fortner, Plant City, (15.2) $250.26; Kim Chaisey, Wimauma, (15.2) $250.26; Lydia Broussard, Denham Springs, Louisiana, (15.5) $133.86; Terry Ballard, Sarasota, (15.5) $133.86.

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**Florida rider holds third spot**

A translucent registry for the Bringman rodeo competition of the Winston Rodeo Tennessee championships.

A rider with 145 points for the year.

Under is Kathy Spears of Siloam Springs, Arkansas, and in second place is Lee Ann McRae of Phoenix, Arizona.

The women’s barrel racing championship of 1982 will receive $5000 with the remainder of the payoffs as follows: second place $4000; third place $3000; fourth place $2000, and fifth place $1000.

**Trail Food Prices Drop**

Trail food prices dipped 0.1 percent in November as fresh vegetable prices declined for the third consecutive month, USDA says.

After seasonal adjustments, prices rose 1 percent. Average retail beef prices showed a sharp decrease during October.
Setting goals for effective management important

by DAN W. WEBB
Extension Dairyman, University of Florida

It has been said that ninety percent of the people don’t set any goals, but of the ten percent who do, ninety percent reach them! Management objectives (goals) need to be verbalized and committed to writing on a regular basis to insure that sufficient effort will be expended in all areas of management need.

One type of plan or goal, familiar to most businesses is a budget. This is simply a plan of how a major resource (dollars-$) is to be used. In addition, large dairy operations need an activity and performance budget to state their desired plan of attack and objectives.

Some characteristics of goals have been identified which should be helpful.

1) Goals should be appropriate. It serves no purpose to set or reach a goal that is not meaningful in terms of the whole dairy operation. Each goal should relate to some phase of the operation where performance is related to general success.

2) Goals should be specific. We need to enumerate our desired level of performance so that it will be evident quickly when a goal is achieved.

3) Goals should be expressed in terms that are measurable.

4) Goals should be understood by all employees and members of the management team.

5) Goals should be consistent with other goals and the general objectives of the business. It is possible to select individual goals which are desirable because they add pleasure to the business, but these should be scrutinized carefully to conflict with profit potential. Another example of conflict might include excessive culling of cows just to reach a specific production average without regard for economics.

6) Goals should be set at an optimistic level. Each goal, when reached, should improve the operation. If goals are set too low, they may not help as much as possible.

7) Goals should be realistic. To be effective, we need to select goals that are attainable in a reasonable length of time. Unreasonable expectation on the part of management or labor can be discouraging.

While the same goals may not be appropriate for all dairy farms, several are presented in the following tables which would be appropriate for many Florida herds.

<table>
<thead>
<tr>
<th>Table 1. Production Goals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rolling herd average</td>
</tr>
<tr>
<td>Daily production-milking cows</td>
</tr>
<tr>
<td>Daily production-all cows</td>
</tr>
<tr>
<td>Average peak production</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Table 2. Reproduction Goals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average days open:</td>
</tr>
<tr>
<td>Calving interval (months):</td>
</tr>
<tr>
<td>% Services Successful:</td>
</tr>
<tr>
<td>% Cows Conceived on 1st Service:</td>
</tr>
<tr>
<td>Average number of days from calving to 1st service:</td>
</tr>
<tr>
<td>Numbers cows sold for reproductive failure (% of cows sold):</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Table 3. General Management Goals</th>
</tr>
</thead>
<tbody>
<tr>
<td>% Cows left herd:</td>
</tr>
<tr>
<td>Average number of days dry:</td>
</tr>
<tr>
<td>% Cows over 800-thousand somatic cells:</td>
</tr>
<tr>
<td>% 1st calf heifers over 800-thousand SCC:</td>
</tr>
<tr>
<td>Average bulk tank SCC:</td>
</tr>
<tr>
<td>% Cows with known sire identity:</td>
</tr>
<tr>
<td>Average P. D. S for service sires:</td>
</tr>
</tbody>
</table>

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Other areas of goal-setting are certainly feasible. It is probably useful for management to select a limited number of goals that can be followed rather than too many that may be forgotten.

In summary, we need to: (1) set goals that are: (2) meaningful, (3) specific, (4) measurable, (5) understood, (6) consistent, (7) optimistic, and (8) realistic. Remember, everyone needs a map. If you don’t know where you are going, you might not get there!

Florida’s 4-H dairy team competes

This year’s State 4-H Dairy Judging Team recently returned from national competition at the World Dairy Expo in Madison, Wisconsin. Team members included: Jodi Nutt of Zephyrhills, Stephen Buckler of Lakeland, Tommy Odiorne of Brandon and Alex Webb of Chipley.

The team placed ninth out of 37 teams overall, receiving special recognition in the Jersey and Guernsey breeds. Jodi Nutt was 14th high individual out of 147 contestants.

The group flew from Tampa on September 27 to Chicago, then drove to Madison. Tour visits included Hoard’s Dairyman Publishing Company, Dairy Shrine Museum and NASCO in Fort Atkinson and American Breeders Service in DeForest. The team also visited the University of Wisconsin campus and toured World Dairy Expo exhibits. The contest was held on September 29 and the group returned on September 30.


Dan W. Webb, extension dairyman, University of Florida, Gainesville, accompanied the team as coach.

Cattle on feed up seven percent

Cattle and calves on feed October 1, 1982, for slaughter market in the 13 quarterly states totaled 8.90 million head, seven percent more than last year but two percent below 1980, USDA reports. The cattle on feed inventory included 2.60 million steers and steer calves, up fractionally from last year but down nine percent from 1980. This group represented 64 percent of the total October 1 number on feed compared with 68 percent in 1981. Heifers and heifer calves accounted for 3.18 million, up 22 percent from last year and 13 percent above 1980.

Placements of cattle and calves on feed during July-September quarter totaled 3.36 million, 11 percent greater than the same quarter a year ago and fractionally above the comparable period in 1980.
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THE FLORIDA CATTLEMAN/DECEMBER 1982/103
During the past few months there has been a rash of Blackleg—a disease that should never happen—being diagnosed at the State Diagnostic Laboratories.

Blackleg is primarily a disease of cattle and sheep which is caused by *Clostridium chauvoei*, a member of the *Clostridium* group. *Clostridium* are large rod-shaped bacteria which grow only in the absence of free oxygen. They have the ability to form spores, a resistant form of the organism, which can withstand high temperatures, such as boiling water and long periods of drying. Spores by themselves do not produce disease; however, under proper conditions, the spores can change back to a living form of the bacteria (germinate), reproduce, and, once again, become capable of producing disease.

Some of the important members of the *Clostridium* group and the diseases they produce are:

- **Clostridium chauvoei**—Blackleg
- **Clostridium septicum**—Malignant Edema
- **Clostridium tetani**—Tetanus (Lockjaw)
- **Clostridium botulinum**—Botulism (Food Poisoning)
- **Clostridium hemolyticum**—Redwater
- **Clostridium septicum**—Liver Necrosis
- **Clostridium perfringens**—Enterotoxemia
- **Clostridium sordelli**—Sudden Death Syndrome

Most cases of Blackleg occur in cattle that are over six months and under two years of age. Occasionally, the disease occurs in older animals. The majority of the cases that have recently been seen at the laboratories have been in six to 12 month-old calves. Generally, calves under four months of age appear to be resistant to the disease.

**C. chauvoei** occurs naturally in the intestinal tract of animals. In contaminated pastures, the spores which are in the soil can remain viable for long periods of time. Infection occurs when spores are ingested while the animal is grazing. In the intestine, the spores germinate, the live bacterial cells pass through the intestinal wall, enter the blood stream where they are carried to the muscles and other organs, multiply and produce disease symptoms.

Blackleg has no definite incubation period. Usually one to five days after infection occurs, infected animals develop an acute lameness, appear depressed and their temperature is elevated. A swelling will usually be noted in the area of the shoulder or the rump; however, other muscle groups, such as neck muscles, can also be affected. Swollen areas are soft to the touch.
when pressed, a crackling sound, due to gas formation in the tissue, is heard. Affected animals usually die within 24 to 48 hours after the lameness is noted.

The muscles of the affected area are blackened, hence the name “Blackleg,” and are quite dry with gas bubbles in the tissue. The darkened muscles have a characteristic rancid odor. Other clostridial infections, such as C. sordellii and C. septicum, can produce lesions similar to Blackleg. Your veterinarian’s field diagnosis can be confirmed by laboratory examination of selected tissue specimens. Occasionally, cases of Blackleg are seen in which only the deeper muscles of the body (diaphragm or intercostal muscles) are affected. In very young calves, the lesions may be confined to the heart and lungs.

Antibiotic treatment of early cases of Blackleg has, in most instances, been unsuccessful.

Excellent Clostridia vaccines are available and vaccination in those parts of the state where clostridial diseases are known to exist is a must. To facilitate administration of these vaccines, the biological manufacturers have developed various combinations of clostridial vaccines. These combined vaccines contain two, four or six different clostridial organisms. For example, the most commonly used Blackleg vaccine is a combination of C. chauvoei and C. septicum. Consultation with your veterinarian should provide you with proper guidance as to which type of clostridial vaccine would best suit your particular situation.

To provide adequate protection, clostridial vaccines should be given to calves at two and six months of age. Most of these vaccines require two separate injections given two to three weeks apart. The time interval between injections may vary with the particular vaccine being used. When using clostridial vaccines, it is extremely important to follow the manufacturer’s recommendations.

'83 Congress set for Nashville

The Fifth World Meat and Livestock Marketing Congress is set for June 14-18 in Nashville, Tennessee, and it is expected livestock and meat industry representatives from around the world will hear more than 30 speakers, panelists and moderators discuss “Building World Trade.”

The Congress is expected to draw more than 1000 registrants, according to Glen Allen, chairman, Livestock Merchandising Institute.

It will be jointly conducted by the Institute and the International Permanent Office, known throughout the world as OPIC, or the Oficina Permanente Internacional de la Carne, which is headquartered in Madrid, Spain.

OPIC is an international meat industry organization, with members in Europe, South and Central America, Africa, Mexico and the U.S.
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Editorials

Census of Agriculture important

At the end of this year report forms for the 1982 Census of Agriculture will be mailed to all farm and ranch operators. This 22nd nationwide agriculture census will collect comprehensive economic and production data for calendar 1982. These data are of much importance and the information compiled provides benchmark statistics which are used by USDA, Bureau of Economic Analysis, and other organizations.

A look at the history of the agriculture census reveals that the first one was taken in 1840. From that year to 1920, it was taken every 10 years; and since 1920, every five years. The last agriculture census was taken for 1978 and this census has been advanced one year to put it in phase with the 5-year cycle of other economic censuses starting in 1982.

The census is the only source of uniform comprehensive data on agriculture production, inventories, sales, expenditures, and other characteristics provided on a consistent county-by-county basis. The information obtained is used extensively across the nation by both the public and private sectors. The use include farm organizations, farmer cooperatives, land grant universities, and private businesses serving agriculture. This publication is a frequent user of census figures, especially involving cattle numbers, acreage and farm numbers on a county basis.

When you receive your census form, keep in mind the importance of furnishing the required information. We would mention here that to ensure complete coverage, response to the census questions is required by law and has been since the first census.

All information on individual farm operations is confidential by law and published only in statistical totals. By law, no one can release data on individual operations; and further, the privacy of individual census records is also protected from disclosure through the Freedom of Information Act.

The Census of Agriculture is important. It needs to be accurate and complete. The goal of the Bureau of the Census is to make this 22nd nationwide agriculture census the most accurate and complete of all censuses. Your help and cooperation is necessary in this effort.

Seedstock producers keep busy

Breeder of purebred cattle in Florida and elsewhere really work hard at the job of producing seedstock for our commercial cattle herd. They work hard to keep up with genetic improvements and have the right kind of animal ready.

It's been a tradition for many years for a number of breeders to exhibit their purebred stock at livestock shows. And these breeders do a fine job presenting their bulls and females in the show ring.

The Florida Cattleman for over a quarter of a century has given recognition to these breeders through its annual Florida Premier Award program. In cooperation with the University of Florida's animal science department, awards are presented annually at the Beef Cattle Short Course to those breeders scoring the most points during the show season. Additionally, we give coverage of the various events in the pages of this publication over a period of months. We would hope to continue this practice within our capabilities.

In recognition that everyone can't be a winner all of the time, we would like to say to all exhibitors at this point, "Keep up the good work."

Historical items needed by FCA

FCA's historical committee has been making plans to set up the museum headquarters in Kissimmee. The space is being set aside but it would be most helpful if the artifacts and items you plan to donate were sent in.

This will help in getting the museum properly organized and underway. Send those old-time articles now.

At this time The Cattleman staff would like to take this opportunity and wish all a very Merry Christmas and a most Prosperous and Happy New Year.
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