AGGIE PLAYERS: Tryouts for "Three Penny Opera" will begin at 7

AGGIE CINEMA: "The African Queen," starring Katherine Hepburn and Humphrey Bogart, will be shown at 8 p.m. in Rudder

BASKETBALL: The men's team will play Arkansas at 7:30 p.m. in G.

He entered farming by chance

Top cattleman feeds 'em indoors

United Press International
CHOKIO, Minn. — Lauren Carlson, incoming president of the National Cattlemen's Association, hadn't planned to return to the

He studied plants and soils at the University of Minnesota, got a doctorate in plant pathology, taught for awhile at the university and worked as a specialist at a nursery.

His studies included helping on the design of an indoor cattle fattening barn, something not done for beef animals, despite the cold weather in Minnesota.

But in the mid-1960s, Carlson returned to western Minnesota and decided to gamble on a cattle feeding venture near Chokio. Now at 42, he will assume the presidency of the 310,000-member cattlemen's group at its national convention Jan. 23-25 in Kansas City, Mo.

"I grew up in this area and liked the country life," Carlson said in an interview. "I never really figured on coming back to the farm." Carlson and his wife, Barbara, have eight children, four boys ranging in age from 11 to 20, and four girls, aged 4 to 18.

All four boys, including one who attends a nearby college, help with managing a 375-head cattle feeding business and farming 320

acres. Carlson also has one hired hand.

Carlson has a total of eight quarters of land or 1,280 acres, but 960 acres are leased to other farmers and he receives crops in exchange for rent. He concentrates his energies on buying, selling and feeding

He doesn't talk much about his academic achievements. Instead, he prefers to speak about the family farm or ranch and cautions others that the financial risks are high

"The only reason we are still in business is the inflated land val-Carlson said. "Borrowing on the inflated value of the land is probably the only way a lot of farmers can stay in business.

"The farmer definitely has to become more aware of risk manage-

Carlson found that farming the land in western Minnesota in the

mid-1960s failed to return the profits he hoped.

He decided to borrow on the value of the land, built silos and a confined cattle feeding barn to fatten cattle indoors, just as he had studied at the university.

Carlson had a degree to fall back on in case his cattle feeding

venture failed. He could run a nursery. 'We didn't have much moral support from neighbors," Carlson "That's true.

While other farmers were counting the days until his bankruptcy, Carlson was making profits on his indoor cattle feeding business, and even opened a plant nursery in nearby Morris. He said the indoor feeding has a lot of savings that are hard to

prove on paper, but are obvious to the producer. Time savings is one, he said. It takes only a few minutes each day to feed the cattle using mechanical and electrical equipment.

ping blood samples for up to \$13 each.

MD say c-note weaken 7

NEW YORK — The maying technique described John Diamond in his box Behavioral Kinesiology Row)

-Have the subject sta right arm relaxed at his arm held out parallel to be elbow straight.

MIAMI w straight.

Face the subjectands Super Bowl re

—Face the subject and steady him. Then place we hand on the subject's extend arm just above the wrist.

—Tell the subject you a to try to push his arm down resists with all his strength.

—Now push down on fairly quickly, firmly and The idea is to push just have the spring and bound arm, not so hard that the more statigued. It is not a comes fatigued. It is not a comes fatigued and c

the muscle can lock the Pittsburgh and joint against the push.

Diamond says unless "We're thrill some physical problem a pattern so w muscle, it should test storm Mayor Maurice

He claims any c-note is even more imping: high c, low c, middle for our tourism

"Almost any c, on any increstaurants, trathat I have tested, will be THE DALL same effect. THE DALI
"With notes farthest for the first Super

g), listeners (muscles) tinued the pastrong; with notes close to Super Bowls. d), they tend to test we Super Bowl nearly always they are weathe Cowboys to More things than rock if field goal in the

40 pounds of pressure; a westrong right ar L5 pounds. Colts 16-7 bef nerged for the the rivalry of th Colts, which g

"We're going to be short on ship over the uct but we remember after Miami. As a cre

crop is dry causing increase page, below normal sizing

have turned our industry over to ment should take steps to protect all

Orange trees normally blo ing March and April a segment of the nation's gross national product that contributes to a favorable balance of trade," Farmer

said. "Lowering the tariffs would increase the (trade) deficit." damaged. Looking beyond the tariff and

embargo questions, Mutual — which claims to represent more than 16,000 growers — looks for a good year for both the grower and the

her c.

Miami and the Miami and the In purely ec (muscles) when they had the return of the lated note c," he says in his otion estimates

make a muscle test out wrictory before a cording to Diamond. He is The Colts' tritesting after a subject has with third Supera little refined sugar also will unrivaled for a weakened muscle condition New York Jets Diamond tests muscle upstart Americkinesiometer. He said it the much older strong muscle can withstare With Joe No.

freeze when prices went so Bowl Most Value

freeze when prices wents Bowl Most Vall lost freezer space and it passing for 202 seven years to gain it has Super Bowls borne said.

"We are trying to avoid the same city.

"We are trying to avoid With Sunday of that at all possible confive Super Bow borne said. "The price in been the site for higher than it is now and superdome. Lettion I think it's a good price wice in the Co-Osborne said the project VIII was played of 167 million gallons of Foseason will be virtually the NEXT YEAF the past season.

the past season. With the owner But, in an unusual siminnual meeting rusmen are not looking in NFL spokes weather now so much with seum, the Ros cold as they are to unusual. Seeking the temperatures and dry completing. Mich.

temperatures and dry contentiac, Mich "The trees are in a Kingdome. Also state," Osborne said. "Screets a dome of wilting and some are bloomotel rooms, the

me

United Press EW ORLEAN

all (

\$2.00/

and probably a lower juice "We're back to fight lew

losses could be encountered is a heavy early bloom, follo freeze. In addition, the tree dormant and would be

But Osborne said private is Denzil Skinne predictions indicate the 31 a representicitrus belt, most of it in the paire Edward D

Beautiful KODAK Color

Battalion photo by Lee Roy Leschper Jr

pected to pack 167 million gallons of

FCOJ this citrus season, while

Brazil is expected to pack about 107 million gallons. Most of Florida's

production is marketed domesti-

"We're competing strictly on quality," Farmer said. "We can't

"We've got strong competition from Brazil," he said. "Their indus-

try is built for exporting. It's not fair

competition. They get tax incentives

from their government and no-

interest loans.

"Free trade is wonderful," he added, "but fair trade is needed."

McGee said lowering tariffs on Brazilian concentrate by 15 percent,

the figure being batted around dur-ing the tariff talks, would be disas-

"If they drop the tariff 15 percent, we're dead," McGee said. "We will

Mutual officials said the govern-

Agriculture is the biggest single

of agriculture from unfair outside

compete in prices.

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year for both the grower and the consumer.

"We're going to have a good year for growers, and as for consumers, we think the property of ECON."

winter.

The early winter cold the ment to buy the California citrus belt ague team a Florida citrusmen a new usiana. we think the price (of FCOJ) is going to stay stable," Farmer said.

nity to market fresh fruit in Tom Rossetti, tic markets.

meial adviser. the meeting

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Tuesday

p.m. in Rudder Forum. The tryouts are open to everyone.

Wednesday

Rollie White Coliseum.

BASKETBALL: The women's team will play Texas Southern University at 5:15 p.m. in G. Rollie White Coliseum.

Thursday

FRESHMAN AG SOCIETY: Will meet at 7 p.m. in Room 102,

Doctors can now measure heart 'from the outside'

United Press International
BOSTON — Doctors now can BOSTON — Doctors now can measure the size of the heart after ings in this week's New England Journal of Medicine. an attack, thanks to a new, nonrestrictive tool developed in the past decade, researchers at the myocardial infractions, or heart at-Johns Hopkins Hospital have retacks, focus almost exclusively on limiting death of tissue around the the researchers, said echocardiog-

The cardiac team, headed by Dr.
Leland W. Eaton, said measuring
cardiac dilatation (enlarging of the
heart) is called echocardiology. It is a "non-invasive" tool, meaning it and oxygen to the muscle. Doctors can be done on the surface, without surgery or insertion of a catheter.

An enlarged heart is dangerous the primary cause of infraction. because it decreases the muscle's ef-

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However, a team of doctors from Italy reported in last month's Jourficiency and requires more oxygen, nal the spasms from angina pectoris can sometimes become so severe Unfortunately, said Dr. Bulkley. and could result in further heart can sometimes become so severe they cut off the blood and oxygen

supply without thrombosis. Beyond tissue damage, however, the article says 72 percent of Johns Hopkins' patients who die within 30 days of infarction succumb to dilata-

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raphy is a tool now available which can measure the size and shape of the heart in two dimensions. "It doesn't hurt," she said. "It's like an electrocardiogram in that respect. You don't have to cut, and it's

The process follows structural changes in the days and weeks after a heart attack, and allows the study

By using echocardiology, the doctors say, they can detect alterations in "cardiac topography" by examina-

tion of patients with heart attacks.

They can diagnose the possiblility of such an enlargement, they said. Dr. Bernadine H. Bulkley, one of

it does not encourage any treatment for an enlarged heart. "Maybe someday we can get into

Blood Money Students participating in a flu vaccine study of Medicine researchers Monday were swapbeing conducted on campus by Baylor College

could be policed. "You can always come back from weather," Farmer said, "but our groves could be wiped out by an unwanted pest.

Brazil's orange industry surged ahead after freezes caused severe damage to Florida crops. Brazil has since become the largest exporter of frozen concentrated orange juice in the world, moving ahead of Florida. In fact, imports of Brazilian concentrate have increased from about 12 million gallons a year to almost 50

million gallons during the period from Dec. 1, 1977, until March "That does not tell me our tariff is too high," Farmer said.

'At the (tariff) rate it is now, when

we have ample supply we have terous some protection. When supply is "If t low it can imported and it keeps our prices from going too high and that the way a tariff should work," he

would be the potential threat from pests and disease



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Citrusmen see Cuba as threat quires only Carter's signature on an executive order. The reduction in and controls and we don't know if it LAKELAND, Fla. — The simple stroke of a pen poses a bigger threat tariffs would be a result of negotia-

to the future of the Florida citrus industry than any other one thing, including a killing freeze. Florida citrus men usually spend the winter months worrying about the possibility of crop-damaging freezes. But this year they are con-cerned that President Carter may end the trade embargo imposed upon Cuba during the 1962 missile crisis.

"Lifting the embargo on Cuba is the biggest fear the industry has," said Don Farmer, the assistant general manager of the Florida Citrus Mutual. Wilson McGee, general manager of United Shippers and Growers, was even more specific.
"Resumption of trade with Cuba

would kill us," he said. Besides the threat of resumed trade with Cuba, only 90 miles off the Florida coast, the industry also faces the possibility of reduced tariffs on frozen orange juice from Brazil, now the world's second largest producer of

oranges behind the United States. Either governmental action hinges on moves within the Carter Lifting the Cuban embargo re-

Florida to a wave of low priced cit-

no tariffs Both Farmer and Tom Osborne, Mutual's executive vice president, said lifting the embargo would open

lations for the importation of citrus into this country from Cuba would standards which were set in 1902 and 1903 and would, in effect, mean

tions under way in Geneva. Florida's citrus organizations are lobbying hard against both. Cuba's citrus plantings have in-creased tremendously during the years of the embargo, to the point where the island nation is about to overtake Japan as the third largest orange producer in the world. And, although President Fidel Castro has

said the production is intended for Eastern European markets, Florida citrus men are leary.

If the embargo is lifted, regurevert back to pre-embargo

concentrated rus. But even worse, they said, said

"Every bug in the Caribbean is in Cuba," Osborne said. "Cuba has a tropical climate and Florida has a tropical climate and Florida has a tropical climate and Florida has a trate, but the finished product must segment of warm climate so pests and diseases there would feel right at home here.

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