

Computers, Nuclear Energy, Innovations In Beef Business

Automatic computers may some day come into standard use to figure marketing conditions, rations and other complex items in the highly efficient beef cattle feed lot.

This look into the future was made by W. J. Graff, A&M's dean of instruction and one of the main speakers at the 12th annual Beef Cattle Short Course held here July 30-Aug. 1.

Talking on "Application of Modern Engineering Principles to Beef Production," he said the computers were originally designed to handle needs of engineers and scientists, but they can be adapted to feed lot operations.

"The computer can pull from its memory the necessary component facts about hormones, nutrition,

etc., and give the portions for mixing a feed," he said. "Computers will list the various possibilities for a decision, recall last year's prices, and permit the farmer to make a true management decision."

He described how, for example, the entire life span of a calf could be programmed on a computer to determine when the animal should be marketed for the greatest profit.

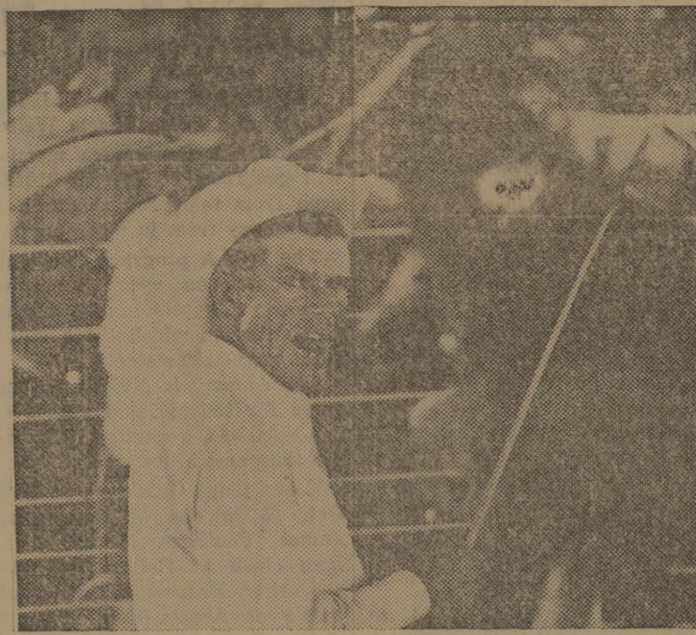
When to use supplementary feed concentrates, when to wean, when to pasture, when to market—all these problems could be answered in terms of retail beef prices.

Nuclear energy is another technology that can possibly be adapted to beef production, Graff said. Gamma rays could be used in transmission tests. By close correlation of radiation readings with conven-

tional measures of quality taken at the time of marketing, scales for use on live animals could be perfected.

Another speaker, Zerle Carpenter of the Animal Husbandry Department, said that after one month of operation, the U. S. Department of Agriculture's new dual grading system has not received much enthusiasm. The industry, from producer to packer, has apparently taken on a wait-and-see attitude.

Carpenter polled 18 major packers in seven states and found that only one had requested dual grading service. During July only 2 per cent of the total federally graded beef in the United States was graded according to the new system.



"The Price Starter"

George Tyler of Gainesville often serves as "the price starter" at major Texas quarter horse sales, calling out what he feels is the minimum market value for each horse. The bidding goes from there. (AP Photo)

'HOSS TRADER' SAYS

'Sunday Clothes' Up Horse Prices

By BOB GRAY
Written for The Associated Press

Want to make money from the horse business?

There's a simple way to do it, says one of Texas' most successful horse traders.

Just buy 'em without their "Sunday clothes" on.

That, in oversimplified terms, is one way George Tyler of Gainesville, Tex., has made thousands of dollars in the last 35 years from buying and selling good stock horses.

Short and wiry with a voice like a bass fohorn, Tyler knows all about the temptation to pay more than a horse is worth. He's seen a lot of people do it in recent years as good Quarter Horses in particular rose well into the five-figure regions. His formula is this:

"The way to make money from horses is buying them right. I never bought a horse right in my life that I had any trouble selling. If you get the 'big eye' on a horse and give too much for him, you're liable to have trouble (selling him). But you make money when you buy a horse that does not have his Sunday clothes on. I mean by that his hair is long, his feet are untrimmed, he needs a lot of feed. It's kind of like a woman. She doesn't look her best when she first gets up in the morning.

"She looks better after she combs her hair and fixes her face.

KK's Holding Hot Hubcaps

Campus Security officers have their problems—they have some hot hubcaps on their hands.

After recent arrests by the Bryan police department, a set of hubcaps, allegedly stolen on campus, has been returned to the officers.

Anyone missing some hubcaps can check with the Campus Security Office and identify them.

You take a horse that looks bad and make him look good—then you get paid for your work. You're not paying somebody else to put the finish on that horse."

Tyler says he found this out when he began trading horses at the age of 17. He bought a Quarter-type gelding for \$35, worked with him for three or four months and sold that horse for \$100.

"I broke him, put a little 'handle' on him, got him stopping, turning around good. Of course, he had a lot of natural 'cow' in him. Then I trailed about 50 calves on him and went to roping on him. The horse started doing good—and here came a man who wanted him," recalls Tyler.

As trader, breeder, exhibitor and rider, Tyler can 'size up' a horse in less than a minute—and decide whether he wants the animal or not. How? Like this:

"Walk up to the horse at his head, straight from the front and look at both the animal's eyes at the same time. Then look down at the horse and you'll see the front of his legs. Walk around the horse to your right, get directly behind the horse and look at his legs. See if there are any scars on the back of his legs. From the back you'll see whether he has a hip knocked down. Then when you walk on around to the other side you catch the light of the horse's right eye and you see if there is any spot there. The spot means he has been hit in the eye. Often it won't show up until you get him out in the light. He'll have bad vision in that eye.

"Then turn and look straight at the man and asked him: 'Is this animal sound?' If the man goes to stammering and stuttering, you better look at the horse again."

"But when you ask him that direct question and the man fires right back at you 'Yes, this animal is sound'—then 99 times out of 100 the animal is sound."

Soil Test Group Is Meeting This Week

The Southern Soil Test Work Group, composed of representatives from 13 states and Puerto Rico, are holding a conference in the Memorial Student Center this week.

Function of the group is to provide exchange of information on the latest techniques in the science of soil testing. It also will consider soil test calibration and resulting limestone and fertilizer recommendations throughout the South, with an attempt to co-ordinate efforts and standardize recommendations across state lines.

The main speaker will be Dr. John J. Hanway, research agronomist in soil testing at Iowa State University. His topic is "A Review of Methods and Philosophy of Soil Test Correlation and Calibration."

Program time was 2:30 p.m. the first day. Following registration, the group toured the A&M Soil Testing Laboratory.

Meeting in conjunction with SSTWG is the Technical Committee of a Southern Regional Research Project on Soil Test Calibration. Committee chairman is Dr. Dennis Rouse, Auburn University agronomist.

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CALENDAR OF CHURCH SERVICES

A&M CHRISTIAN CHURCH
8:30 A.M.—Coffee Time
9:45 A.M.—Sunday School
11:00 A.M.—Morning Services

OUR SAVIOUR'S LUTHERAN CHURCH
8:15 & 10:45 A.M.—The Church at Worship
9:30 A.M.—Bible Classes For All
Holy Communion—First Sunday Each Month

CHRISTIAN SCIENCE SOCIETY
9:30 A.M.—Sunday School
11:00 A.M.—Sunday Service
10:00 A.M.—12 Noon Tuesdays—Reading Room
7:00-8:00 P.M.—Wed.—Reading Room
8:00 P.M.—Wed.—Evening Worship

A&M CHURCH OF CHRIST
9:45 A.M.—Bible Classes
10:45 A.M.—Morning Worship
8:45 P.M.—Bible Class
7:15 P.M.—Evening Service

A&M LUTHERAN CHURCH
(Missouri Synod)
10:00 A.M.—Aggie Bible Class
11:00 A.M.—Morning Worship
Wednesday 7:15 P.M.—Gamma Delta

ST. MARY'S CATHOLIC CHAPEL
Sunday—Masses 7:30 and 9:00

CHURCH OF THE NAZARENE
10:00 A.M.—Sunday School
11:00 A.M.—Morning Worship
6:30 P.M.—Young People's Service
7:30 P.M.—Evening Service

CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
26th East and Coulter, Bryan
8:30 A.M.—Priesthood meeting
10:00 A.M.—Sunday School
6:30 P.M.—Sacrament Meeting

ST. THOMAS EPISCOPAL CHURCH

Sundays
8:00 A.M.—Holy Communion; 9:15 A.M.—Family Service & Church School; 11:00 A.M.—Holy Communion 1st & 3rd Sundays, Morning Prayer 2nd & 4th Sundays; 7:30 P.M. Evensong, Wednesdays
6:30 & 10:00 A.M.—Holy Communion with Laying on of Hands
Wednesday
10:00 A.M.—Holy Communion
Wednesday
7:10 P.M.—Canterbury; 8:30 P.M. Adult Bible Classes

FAITH CHURCH UNITED CHURCH OF CHRIST
9:15 A.M.—Sunday School
10:30 A.M.—Morning Worship
7:30 P.M.—Evening Service

COLLEGE HEIGHTS ASSEMBLY OF GOD
9:45 A.M.—Sunday School
11:00 A.M.—Morning Worship
6:30 P.M.—Young People's Service
7:30 P.M.—Evening Worship

A&M METHODIST CHURCH
9:45 A.M.—Sunday School
10:55 A.M.—Morning Worship
6:30 & 6:00 P.M.—MYF Meetings
7:00 P.M.—Evening Worship

UNITARIAN FELLOWSHIP
4:00-6:30 P.M.—Friday School, YMCA
8:00 P.M.—First four Sundays of each month—Fellowship Meeting, Call VI 6-5888 for further information.

A&M PRESBYTERIAN CHURCH
9:45 A.M.—Church School
11:00 A.M.—Morning Worship

FIRST BAPTIST CHURCH
9:30 A.M.—Sunday School
10:45 A.M.—Morning Worship
8:10 P.M.—Training Union
7:30 P.M.—Evening Worship
7:15 P.M.—Wednesday Worship



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THE LORD'S WORK



THE CHURCH FOR ALL... ALL FOR THE CHURCH
The Church is the greatest factor on earth for the building of character and good citizenship. It is a storehouse of spiritual values. Without a strong Church, neither democracy nor civilization can survive. There are four sound reasons why every person should attend services regularly and support the Church. They are: (1) For his own sake. (2) For his children's sake. (3) For the sake of his community and nation. (4) For the sake of the Church itself, which needs his moral and material support. Plan to go to church regularly and read your Bible daily.

The dignity of willing labor is one of the principles which Christianity has established among us. It is a natural by-product of a faith whose founder was the Carpenter of Nazareth, whose first adherents were fishermen of Galilee.

Those who are eager to serve God and their fellow men find rich opportunities in the life of the Church. There are tasks for a man's hands, for his voice, for his pen, for his mind. There are needs that our offerings cannot supply... challenges that call for the talents and time of earnest men and women.

That friendly church which inspires us on Sunday is busy with the Lord's work all week. That man in the next pew is finding new happiness in willing Christian service. Are you?

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| Sunday Nehemiah 2:11-20 | Monday Nehemiah 4:13-23 | Tuesday 1 Kings 5:1-9 | Wednesday 1 Kings 5:10-18 | Thursday Psalms 90:10-17 | Friday Psalms 137:1-5 | Saturday 1 Corinthians 3:9-15 |
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SPECIALS GOOD THURSDAY AFTERNOON, FRIDAY, AND SATURDAY, AUGUST 2, 3, 4

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