

FOR FEED SOURCE

Scientists Set To Begin Study Of Aquatic Plants

College agricultural scientists soon will take a close look at fresh water aquatic plants as a livestock and poultry feed source.

The project has risen out of a program to clear Caddo Lake of bothersome water plants, such as various mosses and water lilies. Caddo Lake is on the Texas-Louisiana border between Marshall and Shreveport. Recreational use of the lake is hindered by the plants.

The federal government's Area Redevelopment Administration has arranged with a Wisconsin firm, Aquatic Controls Corp., to harvest surface and submerged weeds from the lake. ARA will sign a \$47,000 contract with the company Thursday.

DR. CARL LYMAN, head of the Department of Biochemistry and Nutrition, said the Texas Agricultural Experiment Station will try the water weeds in a dehydrated, pelleted form on beef cattle, swine and poultry.

Available information indicates that the material is high in carotene (Vitamin-A activity) and this phase of analysis and feeding will receive special emphasis, Lyman said.

The work with beef cattle will include feeding trials with fattening calves in which the water plants will be tested both as a ration additive and compared to dehydrated alfalfa. Evaluation of the feed in rations for developing breeding heifers will be made. In tests wintering breeding cows in the plants will be compared with hay.

In the swine feeding trials the aquatic plants will be evaluated to see how well they stand up to alfalfa leaf meal as sources of Vitamin-A and the B-Vitamins.

THE PRODUCT will be tried on poultry as a source of xanthophyll, hydroxylated carotenes and other substances which give the desired pigmentation in broilers and egg yolks.

Lyman said the material and individual plant species will also be analyzed for amino acids, vitamins and minerals.

Dr. J. R. Couch of the Department of Poultry Science will conduct poultry feeding trials; Fred Hale, Department of Animal Husbandry, swine feeding; E. K. Crouch, associate animal husbandman in charge of East Texas Pasture Investigations at Lufkin, cattle feeding; and Lyman, biochemical analyses.

Lyman said the feeding trials will last about 18 months.

A spokesman for Aquatic Controls Corp., said the over-all project, if successful, could lead to establishment of a commercial aquatic weed processing plant near Marshall.



Skelton's Dancing Partners

Red Skelton rehearses a dance number for "The Red Skelton Show" with the six-foot identical twins he brought to Hollywood after seeing their act at the Lido in Paris. The girls, Alice, left, and Ellen Kessler, have sung, danced and acted in movies throughout Europe. (AP Wirephoto)

5th Woman Prof Now On Campus

There are no coeds on campus, but there's nothing in the rules that says the faculty must be all male.

A&M now has five women teachers, the latest one being Dr. Lane Murray, assistant professor in the Department of Education and Psychology. The other four are in the Department of English.

Dr. Paul Hensarling, head of the Department of Education and Psychology, said Mrs. Murray is director of student teaching and teaches an introductory course in counseling.

HE DESCRIBED her as a "master teacher."

This is the educator's second time to teach at A&M. She was here in 1960 in a similar capacity but left to devote full time on her doctoral program at the University of Houston. She received the Doctor of Education degree in June, 1962.

Other degrees held by Mrs. Murray are a Bachelor of Arts from Texas Tech and a Master of Education from Sam Houston State College.

Mrs. Murray taught English and journalism at Huntsville High School before coming to A&M.

HER RESEARCH, "Preparation of Manuscripts for Reproduction by Diazo," was published by the Bureau of Education Research in Services. She is the author of "Secondary Student Teaching Handbook for the University of Houston," to be used as the official handbook for the university teaching program.

The teacher's husband is Thomas Murray of the Sam Houston Department of Education and Psychology, with whom she has collaborated to write and produce educational film strips for public and private schools throughout the nation.

Mrs. Murray and her husband have three children.

Cheating Called Bad For Psyches Of Today's Kids

By JOE MILLER
(P) Women's Editor

NEW YORK (AP) — "When in doubt, cheat!" That may never replace "Think" as a motto suitable for wall hanging, but a lot of parents and educators fear it's becoming an increasingly popular dictum for survival at exam time.

"The child who feels he's pulled a fast one and is full of bravado about his cheating inwardly is ashamed. As for the state of his mental health, he's worse off than the kid who can admit he's a dope in a certain subject but doesn't resort to cheating."

Sometimes a youngster can hide his feelings of shame and inferiority even from himself, says Miss Ritholz, and when he does that he's in a pretty sorry state emotionally.

But Miss Ritholz, who has a soft spot in her heart for children, hates to believe that very many little ones go into class prepared to cheat.

Preferring to extend a helping hand rather than point a finger, Miss Ritholz has come up with some suggestions for curing cheating:

1. More patience in teaching. "If the world can be a 'blossoming, buzzing confusion' to the newborn babe, it can be more than that to the child who is confronted with a new type of arithmetic, for example. The child who is simply not adept at arithmetic, or who is a little slower, may find himself in despair and cheat out of sheer desperation."

2. More imagination in teaching. "For example, changing an abstraction, such as fractions, into something concrete, such as apples or potatoes, can help a child understand the subject."

3. More empathy for the handicapped. "The child hard of hearing or with poor vision is in a way worse off than the totally disabled, for whom special schools and class are maintained. If the teacher would only stand where the child with poor vision can see best, or spend a few extra minutes with the child who can't hear everything."

4. A happy medium in standards. "Some teachers are too lenient—until examination time comes around. Suddenly the students find themselves confronted by a stern pedagogue and an exacting type of exam."

5. A more realistic view of cheating. "The honor system should be discarded. Only the honorable students observe it. This is not to say that most are dishonest, but with the fierce competition for good grades the cheaters cheat not only themselves but the honorable ones as well. When the curve system is used—in which grades are compared relatively with each other—the cheating student may receive a higher grade than he deserves and possibly push the honorable student's grade down on the curve, even perhaps to failing level."

6. More breathing space for children. "He should be allowed to develop his potentialities with a certain amount of privacy—from his parents. Children seem subject to an inordinate amount of prodding and probing and manipulation by adults these days."

7. Better examples set by adults. "The very parent who would be horrified at his child's cheating might laughingly relate how he used a slug for a parking meter or thought up some clever income tax evasion. What effect does this have on the listening child, who, according to my studies, is more greatly influenced by his parents than even by his teacher?"

8. Less panic about entering college. "There's terrific competition now for high grades to gain admittance to the 'best' colleges. But the early years of adolescence are difficult ones; grades often slump in the second year of high school, then rise again. Some potentially brilliant teenagers may be lacking in motivation during some of that time. Parental pressure is not going to help the situation. Besides, there are still many good small colleges with empty seats. Ease up, everybody."

Safeway Superb Meats!

Chuck Roast

Serve your family
U. S. D. A. Choice
Grade Heavy
Beef Chuck Roast.

(Arm Roast... Lb. 59¢)

Lb. **45¢**

Beef Brisket

U.S.D.A. Choice
Grade Heavy Beef.

Lb. **39¢**

Pork Sausage

Wingate
Regular
or Hot.

2-Lb. Pkg. **69¢**

Canned Picnic

Any
Brand.

5-Lb. Can **\$2.98**

U. S. No. 1 WHITE

POTATOES 10

Lb. Bag

59¢

ORANGES 5

Lb. Bag

49¢

Mrs. Wright's Deluxe—White, Yellow, Spice, Devils Food

CAKE MIXES

19-Oz. Box

27¢

Krafts

Miracle Whip

qt.

49¢

California

Avocados

2 For

29¢

Cold Brook

Margarine

3 1-Lb. Prints

39¢

Florida No. 1—New

Potatoes

3 Lbs.

29¢

Empress Old Fashion

Grape Jelly

3 9/4-Oz. Jars

59¢

Radishes

2 6-Oz. Bags

15¢

Highway—Sliced or Halves

Peaches

2 1/2 Can

19¢

Pascal

Celery

Large Stalk

19¢

Prices and Coupons Effective Thru Saturday, February 9. We Reserve The Right To Limit Quantities.



SAFEWAY

Two Stores Conveniently Located To Serve You
★ 400 E 25th ★ TOWNSHIRE

LIBBY'S

Beef Stew	2 24-Oz. Cans	89¢
Fresh Blackeye Peas	3 No. 300 Cans	39¢
Corned Beef Hash	3 15 1/2-Oz. Cans	\$1.00
Crushed Pineapple	2 No. 1 Cans	29¢
Sweet Peas	5 No. 303 Cans	\$1.00
Spinach	7 No. 303 Cans	\$1.00
Bartlett Pears	4 No. 303 Cans	\$1.00
Fruit Drink	4 46-Oz. Cans	\$1.00

Redeem this coupon for
100 FREE GOLD BOND STAMPS
with purchase of \$5.00 or more (Excluding Cigarettes)
One Per Family • Expires February 9, 1963.

This Coupon Worth 200
FREE GOLD BOND STAMPS
Plus your regularly earned Gold Bond Stamps with the purchase of
Any Half or Whole
SMOKED HAM
Coupon Expires February 9, 1963.

This Coupon Worth 25
FREE GOLD BOND STAMPS
Plus your regularly earned Gold Bond Stamps with the purchase of
Head of Fresh
CAULIFLOWER
Coupon Expires February 9, 1963.

This Coupon Worth 50
FREE GOLD BOND STAMPS
Plus your regularly earned Gold Bond Stamps with the purchase of
TWO—No. 2 Cans WOLF PLAIN CHILI
Coupon Expires February 9, 1963.

This Coupon Worth 50
FREE GOLD BOND STAMPS
Plus your regularly earned Gold Bond Stamps with the purchase of
SIX—1-Lb. Cans Armour's DASH DOG FOOD
Coupon Expires February 9, 1963.

This Coupon Worth 25
FREE GOLD BOND STAMPS
Plus your regularly earned Gold Bond Stamps with the purchase of
ONE—2-Lb. Cello Bag Town House PINTO BEANS
Coupon Expires February 9, 1963.

WELCOME AGGIES
2-week introductory offer
TO STUDENTS OF
TEXAS A&M
THE HOUSTON CHRONICLE
Delivered to your room or home daily and Sunday
ONE FULL SEMESTER FOR \$6.00
No advanced payment required!
Phone VI6-5877 or VI6-7343 or write Box 702, Bryan, Texas
YOU SAVE OVER \$2.00