

Food Supply Needs Bolster Of Production Researching

CINCINNATI (AP) — The government's top farm scientist said Tuesday the nation may face serious food supply problems in the future unless research opens new "production frontiers."

Dr. Byron T. Shaw, administrator of the Agriculture Department's research administration, said a rapidly growing population, coupled with the fact that there is little additional crop land, makes increased research necessary.

In an address prepared for an annual meeting of the American Society of Agronomy, Shaw said the nation is rapidly approaching the stage where "opposing forces" — insects, diseases, soil deterioration, etc. — are pushing down as hard on food production as research is pushing up. But he added:

"None of us is concerned about the people in this country going hungry in the foreseeable future."

If necessary, Americans could, he said, resort to a diet heavier in vegetable materials and lighter in animal products. Or the nation could bring in more land for crops than is now contemplated.

"Our concern, however, relates to maintaining and improving current diets with ample provision for livestock products and at costs that all our people can afford," he said.

SCD Confab in Baker Asks Soil Conservation Change

Louis Randall and Lloyd Gift, both farmers on the Langell Valley pilot Soil Conservation District, attended the Oregon Association of SCD's annual convention in Baker last weekend, with Gift reporting on the pilot district accomplishments by its various cooperating agencies.

Ray Nickerson, Cave Junction dairyman and seed producer, was elected association president, succeeding Forrest Scroggin, Union, Claude Meyers of Bendleton was re-elected secretary — treasurer of the association and editor of its quarterly publication.

Ralph Saylor of Echo was elected vice president. Association Directors included Saylor, Ernest Lundberg of Gresham and Lloyd Gift of Bonanza.

Handell Grimes of Harrisburg, a state association director, won the state association's public speaking contest on "The Job Ahead in Soil Conservation Districts." Runners-up were Marshall P. Dunkin of Troutdale, and Elna Mae Fitzhugh of Bonanza.

Auxiliary officers chosen were Mrs. Ray Nickerson, President; Mrs. Lendell Pitt, Cave Junction, secretary-treasurer; and vice presidents, Mrs. Lloyd Gift, Bonanza.

Halogeton Fight Progress Seen on Western Ranges

By JOHN KAMPS

WASHINGTON (AP) — Some progress has been made in the fight against halogeton, a weed that is killing livestock on Rocky Mountain rangelands, but the battle is uphill and costly.

The federal government spent 2 1/2 million dollars this year in an attack which was coordinated with efforts of state agencies and ranchers in Nevada, Utah, Idaho, Wyoming and other infested states.

But an expert from the Federal Bureau of Land Management, which is directing the campaign, declares:

"Halogeton has continued to spread rapidly, advancing on so many fronts that simultaneous control attacks are a physical impossibility. It is clearly evident that the large area now infested will continue to increase before control efforts will result in significant decreases in infested areas."

After experimenting with poison sprays and other methods, BLM decided this year to use a major part of its first sizeable halogeton appropriation for the reseeding of infested land with hardy perennial grasses such as crested wheatgrass.

Reseeding now is being completed in about 200,000 acres of infested and threatened land, including 85,000 in Idaho.

Chemical sprays have also been used with some success.

Weights and Measures Set by Ag Department

The manner in which certain commodities may be sold legally in Oregon is set forth in regulations recently drawn by the state department of agriculture and is now effective.

Under this order, dressed chickens must be sold only by weight, and not by numerical count. The same applies to all meats.

The general order covering these situations says liquid commodities shall be sold by weight or by liquid measure and other commodities may be sold by weight, measure or numerical count—except that in each instance the seller must follow the general consumer usage. Thus, lumber continues to be sold by the length or board feet, eggs by count and gasoline by the liquid measure.

In cases where under long-established practice a certain commodity is sold either by weight, measure or numerical count, either of such measures of quantity may be continued. Oranges, long sold either by weight or numerical count, come under this ruling.

The order also stipulates that where differing methods of measure have been used in wholesale or retail trade channels for the same commodity, the measure in use in wholesaling and the retail may continue using the measure established in retailing. Milk — sold at

Lamb Brooder Described

A portable heated lamb brooder that also provides feeding facilities for the ewe has been designed at the Oregon State college experiment station. Building costs, according to plans, and advantages of the brooder are explained in new experiment station circular 515.

Titled "A Combination Lamb Brooder and Ewe Feeder," the circular was prepared by A. C. Wierick, animal husbandman; P. M. Rutland, shepherd; and L. W. Bonicksen, agricultural engineer.

The authors point out that the brooder makes it possible for earlier lambing in cold areas. It can be set up in any sheltered area where there is adequate wiring for the number of light bulbs used as heating units.

Jacobson Buys Smoky Bud

Carl R. Jacobson, Klamath Falls, has recently purchased a registered Brown Swiss bull named Smoky Bud, 113408, from H. B. Priester, Beaverton, Ore.

The announcement came from Fred S. Jolte, secretary of the Brown Swiss Cattle Breeder's Association, Beloit, Wis.

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Elna Fitzhugh Wins Area Soil Conservation Trial

Elna Mae Fitzhugh, Bonanza high school senior, received a \$25 award and a chance at the national prize of \$1000 in a speaking contest held in Baker this week by the State Association of Soil Conservation Districts.

Miss Fitzhugh won the area contest Nov. 11 in competition held at Bly High School. Competing against her was Laird Smith, Lakeview Junior (representing the Lakeview Soil Conservation District); and Patricia Riley, a Bonanza sophomore, who represented the Poe Valley SCD.

Miss Fitzhugh represented the Langell Valley SCD.

Judges for the competition included Principal Delber Milholland, Lakeview High School; Mrs. "We wash everything but the baby!" Men's Hand Laundry, 11th and Klamath, phone 2-2531.

As winner in local competition, first place, her speech was tape recorded nevertheless to be sent donated by the Langell Valley SCD, to national competition slated for at Baker, where she did not win later this year.

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OSC Talks Late Spud Placement

The question of where Oregon late crop potatoes should be placed for consumer use is discussed in a new bulletin of the OSC agricultural experiment station.

After comparing advantages and disadvantages of placing potatoes at Oregon shipping points and in small-scale repacking operations at terminal markets, it is concluded that neither has advantages sufficient to rule the other out of competition.

Agricultural economists George B. Davis, Oregon State college, and L. C. Martin, U.S. department of agriculture, prepared bulletin 527 titled "Packaging Oregon Late Crop Potatoes."

Potatoes packed at shipping points are usually put up in 10-lb bags while those packed at terminal markets usually leave Oregon producing areas in 100-pound bags. Labor costs and potato damage for the two methods are compared.

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