

FARM

County Agent's Office

Research Finds Sulfur Increases Milling Quality

By GENE WINTERS
County Extension Agent

Sulfur may prove to be the quality nutrient needed in the production of pastry flour wheat. A report given at the recent Western Crops Society meeting at Pullman and Moscow by University and Agriculture Research Service scientists may have some future application in Morrow County.

Under their research conditions the addition of 10 pounds of sulfur increased wheat yields significantly as well as improved the quality of the wheat for flour.

Wheat grown in soils of low sulfur availability produced pastry flour of inferior quality, having an increased protein content, high ash levels, poor milling characteristics and reduced baking quality.

Research as late as 1963 in Morrow, Gilliam, Sherman and Wasco counties found no yield increases with the application of sulfur. No doubt in the next few years sulfur response will be noted much like that obtained in other areas. First an improvement in the crops appearance by color and vigor with no additional yield. Later in as few as four years significant yield increases.

Farmers can determine through field trials whether fertilizers are needed. Field strip applications of sulfur or sulfur carrying materials should be employed to determine sulfur needs.

And then there is the possibility that there may be a bonus for producing high milling quality wheat, which research indicates sulfur to be an important contributor.

Study Course Scheduled For Landscape Designers

The first in a series of four landscape design study courses for home gardeners, as well as professional landscapers, has been scheduled this fall at Oregon State University.

Donald J. Martel, head of the OSU Department of Landscape Architecture, said the first course will feature theory and basic principles of landscape design, plant materials in the landscape and principles of design in residential developments. It will be held October 24 to 26.

It will be the first of four courses set up by the National Council of State Garden Clubs. The series is being sponsored in Oregon by the Oregon Federation of Garden Clubs, in cooperation with the OSU Cooperative Extension Service and

the Department of Landscape Architecture.

The series is designed to help amateurs and professionals gain a better understanding of the landscape needs of homes, gardens, parks, roadsides and city developments. Widely known architects and faculty members of both the OSU and University of Oregon will serve as teachers.

Cattle and Swine Health Standards Changed for Fair

Changes the veterinary division of the Oregon Department of Agriculture proposed in health requirements for cattle and swine exhibited at the Oregon State Fair have been adopted by the fair management this year and the department has suggested that other shows in the state make the same changes in their health requirements.

The veterinary division has mailed information on these changes to all county 4-H club agents, veterinary practitioners in the state and advisors for Future Farmers of America chapters.

The changes affecting cattle would add to the list of exemptions from brucellosis tests those cattle originating in a herd located in an officially designated Certified Brucellosis Free Area, County or State.

And, would add to the list of exemptions those cattle originating in a herd, not under quarantine located within the state of Oregon and cattle originating in a herd located in an officially designated Accredited Tuberculosis Free Area, County or State.

Under the hog cholera vaccination requirement for swine exhibited two vaccines would be permitted: Anti-hog cholera serum not more than 15 days prior to the date of exhibition, or killed or inactivated (Crystal Violet) vaccine given not less than 30 days nor more than 10 months prior to date of exhibition.

Added to the exceptions on the vaccination for this year are swine vaccinated with modified live virus prior to May 31, 1966, and not more than one year prior to the date of exhibition. This vaccination date must show on the health certificate accompanying the animal.

Farm Safety Week Stresses Using Vehicle Emblem

The week of July 24-30 is Farm Safety Week. It is a time when people living in rural areas are encouraged to rededicate their efforts to eliminate hazards on the land, in the home and farm working areas—and on the public roads used for movement of farm equipment and machinery.

The president of the United States and the governor of Oregon have proclaimed the week, sponsored on the national level by the National Safety Council and on the state level by the Governor's Committee on Farm Safety. The 1966 Oregon Farm Safety Week chairman is Neil Cullison, Oregon City, who represents the Oregon State Grange on the governor's committee.

"In Oregon, we are again emphasizing the need for farmers to use the Slow-Moving Vehicle (SMV) emblem on their high-way vehicles and for the public to become acquainted with this emblem and what it means," Cullison says.

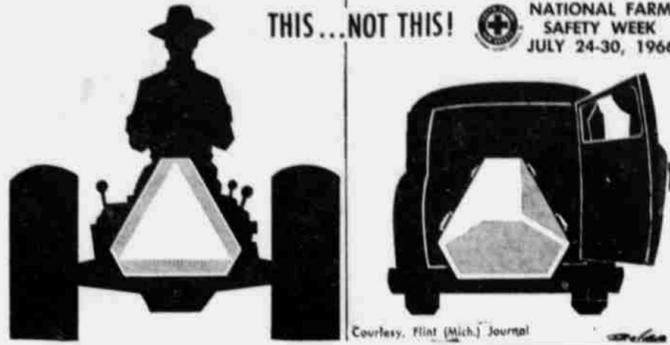
The Oregon committee is also stressing safe operating procedures for the farm tractor because this machine is one of the major causes of accidents on the farm.

In 1964, the latest year available, farm resident accidents caused 760,000 disabling injuries and 8,300 deaths in this country, with 3,700 of the deaths in the motor-vehicle category.

Youth groups, including 4-H, F.F.A. and Grange Youths, are playing a big role this year in helping the governor's committee carry the word of Farm Safety Week to the farming areas of Oregon. County extension agents are also assisting.

The program this year is keyed to impressing upon the rural community that "safety is victory over accidents".

Mr. and Mrs. Fred Butterfield of Salem were visitors at the home of Mrs. R. B. Rice Monday until today. (Thursday). The Butterfields moved from Heppner to Salem four years ago; He was associated with the Ford garage while living here. Mr. and Mrs. Butterfield also had a visit with Mr. and Mrs. W. C. Rosewall during their stay.



Courtesy, Flint (Mich.) Journal

NATIONAL FARM SAFETY WEEK

During Farm Safety Week, July 24-30, 1966, I urge emphasis on measures to eliminate accidents which can lead to injury or death, in our homes, on our streets and highways and in rural activities.

It is said that since accidents are caused they can be prevented. But prevention can only be realized when the proper attitude toward safety exists and persons are motivated by a feeling of personal responsibility in the prevention of accidents.

I would urge, therefore, that during Farm Safety Week and throughout the rest of the year as well, that all communications media assist in reminding our citizens that human error can be reduced by training, skill and knowledge of hazards. It is my hope that such a program will bring with it strengthened motivation to function safely. Then and only then will the word "safety" become more than a word in everyone's vocabulary.

By MARK HATFIELD
GOVERNOR



Grain Exports Near 3 Million From State Ports

Close to three million tons of grain moved out of the Port of Portland and Astoria in the fiscal year ending June 30, 1966.

Inspection figures of the grain division of the Oregon Department of Agriculture set the total at 2,962,768 tons, with wheat accounting for 2,415,343 tons. Other grain exports included 36,285 tons of oats and 454,766 tons of barley.

Grain receipts inspected by the department in Portland during the same period totaled 3,544,198 tons. Here, again, wheat topped all of the other grains, with 2,908,311 tons.

The major part of that grain moving into Portland was carried on railroad cars. That figure was 2,665,622 tons. Trucks moved 216,663 tons and 671,913 tons were moved by river barge.

The year saw considerable movement of grain through Portland from the Mid-West and the Mountain States. Biggest shipper was Montana. Other states where shipments moving to export through Portland originated were: Iowa, Nebraska, Utah, Colorado, Kansas, Minnesota, South Dakota, North Dakota and Wyoming.

Heavier movement of hard wheat from the Mid-West meant an increase in protein analyses by the grain division's laboratory in Portland. By the end of the fiscal year the chemists had made 45,140 analyses for protein.

Inspection and weight certificates issued by the grain division during the 12 months totaled 182,427.

The division's branch office at Pendleton made 3,241 truck inspections during the fiscal year and at Merrill there were 600

4-H Members Demonstrate Work As Fair Prelude

Have you ever tried to stand up in front of a group of people and explain something to them but just couldn't get the job done?

Twenty-nine Morrow County 4-H members showed they could get this job done at the 4-H Demonstration Day Sunday. These youngsters showed the audience of some 30 leaders, parents, and other club members different phases of their project work from "How to Show a Hog" to "Tips on Modeling."

Demonstrations this year have been separated from the fair to give 4-Hers more time for preparation and a chance to have an audience while they work.

Home Economics demonstrations included "To Clean or Not to Clean" (sewing machine), Sandi Carlson and Linda Pettyjohn; "Gifts from Gadgets," Cheri Carlson; "Different Finishing Seams," Kay Huson; "Hemming a Dish Towel," Mary Pat McElligott and Nancy Pettyjohn; "Tips on Modeling," Darlene Warren; "Dusting Without Dust," Joan McElligott and Doris McCabe; "Be Color Wise," Shauna Bergstrom and Christine McCabe; "Breakfast Time Table Setting," Kay Bergstrom; "Centering the Centerpiece," Lori Bergstrom; and "The Lost Art of Potpourri," Nonda Clark.

Fatality Rate High in Wheeler

Two of Oregon's most sparsely populated counties may have the highest population death rate in the United States! As of June 1, Wheeler and Harney Counties had more fatalities per 100 thousand people than any other county in Oregon.

The population death rate is determined by the number of deaths per 100,000 population. Wheeler County leads the other counties with a rate of 152.82. Harney placed second with a rate of 112.47. In 1965, the entire state had a population death rate of 34.4.

For the first five months of 1966, Wheeler County had three deaths in a population of 1,963. Harney County with a population of 7,113 recorded eight deaths.

The two counties normally have few traffic accidents. In 1965, Harney recorded only 248 accidents and Wheeler County had 46 crashes.

Wheeler and Harney County might also have one of the highest vehicle death rates. This rating is computed by the number of deaths per 10 thousand vehicles. Harney County has a total of 5,310 vehicles and a vehicle death rate of 15.07, while Wheeler County had 1,532 vehicles and a death rate of 19.58.

Mr. and Mrs. Conley Lanham are hosts this week to Grandsons Michael and Mark Lanham of Portland. The boys came Saturday with their father Captain Michael C. Lanham, who returned to Portland Tuesday. They will make the return trip on the weekend with Mr. and Mrs. Lanham.

track inspections, 48 truck inspections and 60 inspections of hopper cars moving out.

Safety Is Victory Over Accidents



July 24-30

Getting the Safety Habit Pays Off

It's never too early to learn the value of farm safety. Remember, most accidents are preventable if precautions are taken against potential dangers before they strike. So act now to insure your safety and the safety of others.

Make it a point to fix up your buildings and machines. Be careful in handling animals. Use extra caution in working with electricity. But, if an accident does occur, count on us to relieve some of the financial sting.

THIS SYMBOL COULD SAVE YOUR LIFE
KNOW IT—USE IT

If you are a farmer and sometimes drive slow-moving farm machinery on the highways, you should know about and use the Slow-Moving Vehicle (SMV) emblem. It could save your life. If you are a city dweller and travel rural highways, you, too, should know and recognize the SMV emblem. It could prevent you from being involved in a rear-end collision. During National Farm Safety Week special emphasis is being placed on the 14"x16" reflective fluorescent SMV emblem to promote its use and acquaint the motorist with its meaning. Information on how to acquire the emblems can be obtained from farm machinery equipment dealers, the county agent, or the National Safety Council, 425 N. Michigan Ave., Chicago, Ill. 60611.



See Ford's Tire Service For Your FARM NEEDS

GENERAL TIRES



- TRUCK
- PICKUP
- TRACTOR
- COMBINES

GENERAL NYLON

MOST ALL POPULAR SIZES IN STOCK

STANDARD BATTERIES



FORD'S TIRE SERVICE



HEPPNER

PH. 676-9481

Morrow County Grain Growers

FARMER OWNED AND CONTROLLED
LEXINGTON, OREGON