

## Caster Instructs Vo-Ag Students In Swine Raising

By DELMAR SMITH  
Crater FFA Reporter

Central Point—John Caster, president of the Crater Future Farmers of America chapter is instructing Agriculture 1 students in beginning swine production.

John is considering a college course in agriculture education and hopes this course will help him decide on his career for college next fall.

The fledgling instructor's swine production course will be taught for two weeks. Following established teaching procedure in the Crater high vo-ag classes, John has mimeographed course outlines for each student. He obtained his information from the various agricultural reference books, experiment station bulletins and current agriculture periodicals. He typed his own stencils for the outlines later presented to 25 students.

Caster will be master of ceremonies at the annual Crater parent and son banquet which will be held Thursday evening, April 28. Approximately 3450 guests are expected to attend the banquet.

**Barnes Teaches Also**  
Caster isn't the only student teacher in Crater vo-ag classes. Last year Allen Barnes taught a class of Ag 2 students a unit in agriculture mathematics. Allen is currently enrolled at Southern Oregon college. He holds the state farmer degree and was last year's chapter president.

Former members of the Crater FFA enrolled in agriculture education at Oregon State college in Corvallis are Bob Eldon, Don Johnson, Ralph Simon and Mike Redmond. When they graduate these young men will be eligible to accept positions as vocational agriculture instructors in high school.

Haymaking can now be a one-man operation, reports an implement company. The farm equipment maker says mechanical loading of bales in the field and moving them into storage with a new kind of elevator-conveyor system make it possible.

# Farm and Garden

## General Gardening Tips Outlined By Rogue Valley Nurserymen's Group

By J. VERNON MARSHALL  
For Rogue Valley Nurserymen  
And Growers Association

April-Spring is here for sure now, and us gardeners have to step lively in order to keep up with things. With Easter out of the way, the orchard heating season about to an end (we hope) I would like to point out a few plants, and some of the culture, in the line of general gardening.

It should be safe now to start setting out your geraniums, providing you continue to listen to the frost warning, and cover if the key station temperature will be 32 degrees or less.

For geraniums, make use of heavy soil. For best results feed regularly every month through growing season with a good organic food, such as liquid. Feed leaves as well as roots and your plants will look better, and will bloom better.

Now, is also the time to set out salvia, ageratum, Heliotrope, Lantana, Abutilon and others, also keeping the frost in mind. However, you will not have to worry about frost as far as petunias, snap dragons, and of course all the small perennials, are concerned.

Now for some special features in the small home garden. Avoid having all sections of your garden look alike. Treat each section and plant differently from the others. The result can be helped along considerably by whatever additional work has to be done after the grading, lawn, drive, walks and lot line plantings.

Perennial and so-called hardy flower borders add a great deal and I will take them up separately in articles to follow. A little formal garden that can be laid out in as almost endless variety of designs is always attractive. Then there is the rose garden and the water garden or pool which can be made quite a feature. The rear of your residence can often be made to look even better than the front and often is used more than any other part of the grounds.

A few specimen conifers are almost always in place somewhere. Rustic or concrete

benches may be used. The rocky can be made in endless shapes to harmonize with the surroundings. An attractive garden from small plants flowers and vegetables alike, to large shrubs and trees gives a great feeling of satisfaction.

To keep your plants always looking well and doing well, start a fertilizing program, using a good organic feed. As I mentioned at the first of this article, feeding your plants each month will be less costly, and the results will be much greater. While we are on the subject of planting, let me remind you of

deciduous trees, shade, nut, fruit, etc. They must be planted right away. They are now coming out of the dormant stages. To wait any longer may result in the tree loss. Generally, the deadline for moving these trees is April 1. However, this season being cool and cloudy gives us a little more time. Most of the nurseries now, are planting these dormant trees in boxes and cans, which will enable you to move them out of season. However, for large shade trees with large roots, it is impractical to plant in containers. They must be moved while they are still dormant.

## SOC Student En Route To Germany for IFYE



NANCY SHAVER  
SOC Student in IFYE  
Program

Editor's Note: This is the first in a series of letters from Nancy Shaver, education major at Southern Oregon college in Ashland. She is visiting farm families in West Germany for seven months as part of the International Farm Youth Exchange program. According to a pamphlet issued by IFYE the program is a people to people program. It grew from the desire of young people after World War II to make sure such destruction could never happen again.

April 15, 1960  
Aboard the Seven Seas

Greentings from the Seven Seas:

Here we are aboard the German ship, the Seven Seas bound for a seven months stay in Europe. The International Farm Youth Exchange delegates have just finished two weeks of orientation in Washington, D.C. Now, we are on our way to live with farm families in different countries. I have been assigned to Germany and since this is a German ship, I am getting help in studying German.

This year Oregon will have IFYE delegates. They are Ron Anderreg, Vernonia, delegate to Italy in June; M. Shirley Frakes, Bend, to Sweden in April; Jim McKinley, Adrian, to Jordan in September; and myself, Nancy Shaver, Molalla, to Germany.

IFYE delegates live at different times, with six and ten host families in one foreign country. We each live as a family member. I will share a collection of slides of Oregon people, scenery, animals, crops, and buildings such as my church, school and home. My new slide camera is already busy recording my experiences which I will show throughout Oregon when I return in December.

How are IFYE delegates selected? Interested young people who are single, aged 20 to 30, with farm background make application through the county extension office. They must also be interested in people and willing to spend time studying the language, geography, history, economics, and sociology of the assigned country and the United States. The applications are studied by a committee of six persons at Oregon State college. They interview the applicants. The selected candidate's records are studied by a committee in Washington, D.C. whose job it is to make the final decision and assign the delegate a country.

**Lives on Farm**  
I live on a farm in the Willamette Valley near Molalla. I've had 4-H projects of sheep and dairy animals and a few years of cooking and sewing. Until I began preparing as an IFYE delegate I was attending Southern Oregon college majoring in elementary education.

The International Farm Youth Exchange is a program involving delegates of countries on all continents. It is sponsored and supervised by the National 4-H Foundation, U. S. department of State, department of agriculture, and the Cooperative Extension Service. It is financed by 4-H clubs, young men and women's groups, rural organizations, service clubs, foundations, individuals, and business and industrial firms. In Oregon, the Bankers' association helps a great deal with IFYE program.

This is a program to promote understanding between people, so I will be glad to give names and addresses of any clubs, families, or individuals in the U.S. to similar groups or individuals in Germany. If there are any questions that I might be able to answer, I would be glad to hear them. I can't promise a personal reply, I'll be kept busy, but I will try to put answers in my reports. You may write me in care of Herr Karl H. Gebbers, Postfach BML, Bonn 12, Germany.

Sincerely,  
Nancy Shaver.

## Ryegrass Grower Vote Set May 2

Salem - A referendum in which ryegrass growers will determine whether they want to form the Oregon Ryegrass Growers Seed Commission will be held May 2 through 14.

The state department of agriculture called the referendum and announces balloting will be by mail. Only growers who registered with the department in the 20-day period ending April 18 will be eligible to vote.

Mailed ballots must be post-marked not later than midnight Saturday, May 14. Or growers may deposit ballots during the referendum period with the county extension agents at Eugene, Albany, Salem, Corvallis, Dallas or McMinnville.

All ballots will be mailed by May 2. Any registered grower who fails to get one should so advise Paul T. Rowell, market development chief for the state department of agriculture at Salem.

Ryegrass growers petitioned the department last January to create a self-help commission to advance their industry. Hearings followed and on basis of favorable senti-

## Education Plan On Ag Chemicals Backed by Dept.

By GAYLORD P. GODWIN  
United Press International

Washington—Some months ago, the Agriculture department called for "an intensified education program" to insure the proper use of chemicals in foods.

This education program was mentioned in Secretary of Agriculture Ezra Taft Benson's "Chemicals and Food" statement Jan. 14 in which he said the food supply in the United States is the "safest, cleanest, and most wholesome in the world." He added that the department "intends to continue and intensify its efforts to insure that American consumers get the food they need and want, in adequate quantities at a reasonable price, and that these foods continue to meet the highest standard of nutritional quality and wholesomeness. It strongly endorses the safe use of carefully tested chemicals as required to maintain the excellence, variety, and economy of the foods we eat."

The Agricultural Research Service (ARS) promptly began work on the education program. Already ARS has published three leaflets dealing with chemicals in foods. **Leaflets Have Theme**

The central theme in each leaflet is, "It pays to use chemicals safely." This department action is followed by the admonition, "always read and follow instructions on the label."

Department Leaflet No. 470 was addressed to "Mr. Field Crops Producer." No. 471 to "Mr. Fruits and Vegetable Producer." No. 472 bore the salutation, "Mr. Livestock Producer."

"As a modern farmer, you count on pesticides and other farm chemicals to aid in your operations," the department said to the field crops farmer. "These chemicals benefit both you and your customers by helping to assure the high quality and adequate quantity of the nation's food and feed supplies."

Then followed the statement that "chemicals cut costs by reducing losses and by increasing production efficiency."

Without a protective spray or dust, a growing crop can be wiped out by insects or disease, the department said. Even a crop in storage often is not safe without protective chemicals.

"By using chemical weed killers you can sometimes eliminate the need for more costly farming operations, such as hand hoeing of cotton or cultivation of corn," the department advised.

The leaflet to the fruit and vegetable producer was similar to that for field crop farmers.

The message to the livestock producer advised that "avoiding harmful residues in animals you raise is your responsibility."

**Restriction Off  
On Vaccine**

Salem - The state department of agriculture has removed its restrictions on the use by Oregon poultrymen of live virus infectious bronchitis vaccine and has also amended its regulations on dairy products plants. Both orders became effective April 13.

Under the vaccine order, written approval from the department is no longer needed for the use or sale of this vaccine.

The repeal was suggested by the department's poultry advisory committee which points out, among other things, that policing of vaccine importations is impossible without burdensome and wasteful expense. It also doubted the legality of preventing an owner from protecting his flocks against so universal a poultry disease.

The changes in dairy plant regulations are in line with recent amendments to the fluid milk code. Copies of the orders are available from the state department of agriculture, Salem.

## MARKET NEWS

Red Bluff Livestock Auction Report, Tuesday, April 19, 1960  
CATTLE: Salable 525, including 129 pair stock cows with calves at side. Balance of supply chiefly slaughter cows and stocker and feeder steers and calves. Compared last Tuesday: stocker and feeder classes fully steady slaughter cows steady to weak, easiness continued to Canner and Cutter grades.  
Slaughter cows: Few head youthful Commercial and odd Standard grade \$18.80-19.10; Utility and low-Commercial \$16.50-18.00; Cutter to low-Utility \$14.10-16.10. Canners \$2.00-13.60, occasional "shellies" and kinds in doubtful health \$10.00-11.20.  
Slaughter calves: Few head Good 270-370 lbs. \$25.10-25.70, couple Utility \$14.25-15.50.  
Stocker and feeder steers: Good and Choice 360-530 lbs. \$29.00-30.00, including 33 head 530 lbs. at \$29.50; one 9 head lot 587 lbs. \$27.80, and 10 head 808 lbs. \$25.70; Medium to mostly Good 430-675 lbs. \$25.10-27.10; scattered head 780-1130 lbs. \$23.80-24.40; Common stockers and calves \$18.25-20.75, including 12 head 565 lb. Holsteins at \$18.50.  
Stocker and feeder heifers: Few lots mostly Good 225-371 lbs. \$26.10-27.10, 6 at \$25.00 per head; few Medium \$23.40-25.10, Common 490-685 lbs. \$18.10-21.00.  
Stock cows: Medium to mostly Good cows with calves at side \$19.00-23.00 per set, Medium \$16.00-18.00 per set, Common \$13.75-15.00. One 11 head lot Medium and Good 800 lb. stock cows \$13.40 per cwt.  
Veal calves: (Prices by head): scattered head in Cull and Utility (lean \$9.00-20.00).  
HOGS: Salable 8. Receipts too small to test trend. Six head Good 48 lbs. feeder pigs \$18.60, 2 head 125 lbs. \$15.50.  
SHEEP: Salable 13. Individual Choice spring slaughter lambs \$21.00, 12 head lot Utility and Good fresh short slaughter ewes \$3.60.

## Water Losses Eased By Lining Ditches

By BOB LONZWAY  
Work Unit Conservativist

Water losses from 20 per cent to 80 per cent are common in many irrigation ditches and canals in this area.

These losses have long been a problem with farmers and groups of farmers. The Sams Valley-Beagle Soil Conservation district with technical help from the U. S. Soil Conservation Service has suggested lining ditches as a solution.

Lining with concrete has given the best results. Concrete lining has been applied as either gunite, shotcrete, or hand-placed, placed with full-form or has taken the shape of a pipe.

The success of any lining has been and will be the base preparation and construction control. Each job should be evaluated as to the type of lining to use for a conservation practice of quality for successful performance. Each method of lining has definite merits depending upon the site problems encountered.

**Cast Important**  
The initial cast is very important in determining a system of lining to install equally important and more so, over a period of time in the maintenance required and the expected life span of the job.

Conservation practices are eligible for federal cost share from the ASC. In general, a cost share of 50 per cent of the cost is made on eligible

practices to farmers and ranchers.

The Sams Valley-Beagle Soil Conservation district organized in 1951. It covers, roughly, the northern half of Jackson county. The primary goals of the district are soil, water and plant conservation practices with farmers, ranchers and woodland owners in the district.

The annual district report for 1959 points out help on 375 individual conservation practices and six operation plans with groups was applied with help from the Soil Conservation Service.

## Medusa-Head Rye Threatening Range

Salem - Medusa-head ryegrass, a weed of range lands, poses an increasing threat to eastern Oregon range lands, reports George Moose, assistant plant chief, state department of agriculture.

He says the history of this weed pest in neighboring Idaho-where it spread from one acre to nearly a million acres of land in 16 years-should serve as an impetus for control studies in Oregon.

Moose says several agencies and groups, including the Bureau of Land Management, the county extension agents, and county weed control supervisors have reported increasing infestations in Oregon's range country.

## Dairy Industry Rebounds After 5-Year Decline

Corvallis—Oregon's dairy industry appears to be on the rebound after five years of declining milk production, reports Stephen C. Marks, extension agricultural economist at Oregon State College.

Milk production in the state turned upward the second half of 1959, but not enough to keep the annual total from falling slightly behind that of the previous year, Marks found as he studied reports from the U.S. Department of Agriculture. As a result, last year's output of milk ended 6 million pounds below that of 1958.

This year, however, Oregon's milk flow is running 4 per cent above that produced during the first quarter of 1959, Marks said. And last month's output increased at a faster rate than last year and topped that of March, 1959, by fully 4 per cent.

This change in milk production apparently reflects the increase in number of milk cows reported in the state last year, Marks added.

Production of manufactured dairy products is also on the upswing in the state, Marks found. During January, the latest month for which information is available, outputs of creamery butter, cheese, and ice cream were all larger than a year earlier, Oregon's dairy factories produced 13 per cent more American cheese, churned 7 per cent more butter, and turned out 2 per cent more ice cream.

Meanwhile, prices received by Oregon dairymen for all milk sold wholesale last month went down about a nickel from that of February—but farmers still received 20 cents more per hundred pounds than in March of last year. This price advantage was partially offset in the Willamette Valley, and perhaps in other areas, by higher costs for alfalfa hay.

National milk production was also reported on the upswing. Total March production was up 1 per cent over that of February, and only unfavorable weather in the major dairy regions prevented a more pronounced gain, Marks said.

## Albany Plant To Cut Down Odor

Albany—(UPI)—Western Kraft Corp. said today it would install new equipment at its Albany pulp and paper mill to cut down the odor.

Officials said the new equipment should be in full operation in early July. It will bring Western Kraft's odor control investment at the Albany plant to \$250,000.

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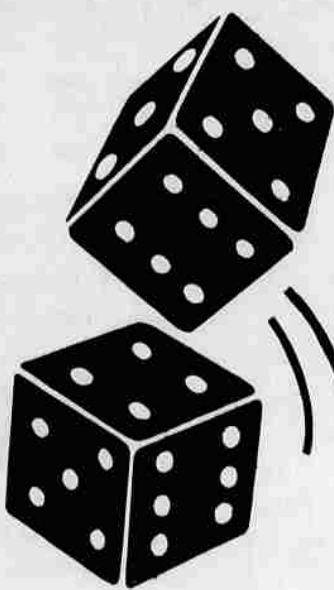
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