

Grain Volume Increase In February Shipments

Salem - The volume of both incoming grain and grain for export inspected in February at the Portland office of the state department of agriculture's Division of Grain Inspection increased over the previous month.

The February figures showed a total of 8,435,307 bushels incoming grain inspected with the biggest volume in wheat, which was 6,759,621 bushels. The export volume was 6,638,621 bushels. Wheat also accounted for the greatest volume in exports, with the figure 5,198,107 bushels.

Gardening Tips

By JOHN W. McLOUGHLIN
County Extension Agent

Peach Spray
Spray peaches, nectarine and apricot now for control of brown rot, aphids and twig borer. Use two heaping tablespoons copper, one tablespoon malathion and one heaping tablespoon 50 per cent DDT per gallon of water.

Hollyhock Rust
Rust on hollyhock appears as small brown spots about the size of pinheads on the underside of the leaves. On the upper side of the leaf, these spots are larger, bright yellow or orange in color with a red center. Infected leaves will gradually dry up and die.

Frequent sulfur dustings in the spring are required to control this disease. Since the new leaves develop rapidly, it may be necessary to dust with sulfur two to three times a week in order to have these new leaves protected.

Pick off any leaves that show signs of this disease during the growing season. Remove and burn all infected plant parts at the end of the growing season.

Gooseberries
Gooseberries are becoming a popular berry plant in the home garden. However, like most fruit bearing plants certain sprays need to be applied in order to obtain the best quality fruit from these plants.

The most common pests of gooseberries are anthracnose, mildew and the gooseberry maggot. The degree to which the many plantings throughout the valley will be affected by these pests will vary, so adjust your spray schedule accordingly.

Anthracnose causes very small leafspots. When these are abundant the leaves yellow and fall off by midseason. Mildew appears as a white powery growth on the leaves, shoots and fruits. Infected plants are usually stunted and the berries are covered by a dark brown coating of the mildew fungus.

The gooseberry maggot appears in April as a fruit fly. It is about one-quarter inch long and is an attractive lemon yellow color. Its wings are crossed by smoky bands. After a few days, these flies lay their eggs in the gooseberry. The eggs hatch in about five days and the small white maggots work their way into the berry.

For control of mildew, spray at the green tip stage with lime sulfur at the delayed dormant strength. Then spray with Karathane as the blossoms open, at the full bloom stage, and two weeks after full bloom at the rate of one tablespoon (Karaspra) per gallon of water.

For control of anthracnose spray with copper at the full bloom stage, two weeks later and immediately after harvest at three tablespoons to a gallon of water.

For control of the gooseberry maggot spray with methoxychlor (two tablespoons 50 per cent wettable powder) at the full bloom stage and two weeks later.

The above sprays may be mixed and applied to the plant at the same time. Karathane



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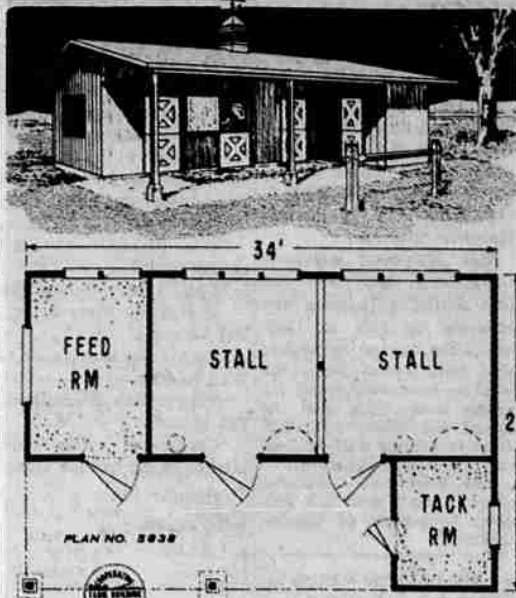
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HORSE BARN—Plans for an expandable horse barn are available at the county extension service office. Plans include box stalls, tack and feed rooms.

Expandable Horse Barn Featured in New Plans

Corvallis - Working drawings of an expandable barn for riding horses are now available to residents of Oregon from Oregon State University extension service.

M. H. Huber, OSU agricultural engineering specialist, says Oregon now has an estimated 100,000 horses and the number is increasing with the growing popularity of riding horses.

The expandable barn is suitable for any region of the state. Developed by the U.S. Department of Agriculture, it provides space for two 12x12 foot box stalls, a tack room and a feed room. The barn is 34 feet long and 22 feet wide. Floors in the feed and tack rooms are concrete; stall floors are earth.

The building is of frame construction and plans show how to build either a low-pitched roof or a steep roof for areas of heavy snowfall. The roof will withstand snow loads up to 20 pounds per square foot or winds that do not exceed 75 mph.

The plan also shows an alternate detail roof that will stand heavier snow loads and winds of hurricane force. In very cold or hot climates, the roof should be insulated.

Complete drawings are free and may be obtained from local county extension agents or from the OSU Bulletin Clerk, Corvallis. Ask for Plan No. BP-57.

may be used up to 21 days before harvesting the berries, and methoxychlor may be used up to 14 days before harvesting the berries.

Spray sycamores now for control of sycamore blight. This disease causes a browning of the leaves and defoliation of the tree. The spray must be applied thoroughly to the tree for good control. Use a fixed copper spray at the rate of three pounds to 100 gallons of water (approximately two tablespoons to a gallon of water). A second spray at the above rate should be applied in two weeks if rainy weather continues. For more information on this disease call the county extension office and request the pamphlet on Sycamore Blight.

Crabgrass Controls Given by Weed Expert

By RAY HUBBELL
Weed Control Supervisor

If your lawn is average, it may contain from 10 to 12 crabgrass plants per square foot by midsummer. Clumps of crabgrass weaken permanent lawn grasses by competing for moisture and plant food.

Crabgrass need not ruin your lawn. It can be controlled through the use of proper cultural and chemical practices.

There are three general categories into which control may fall - (1) cultural preventions of conditions favorable to germination, growth and spread of the weed; (2) chemical control or prevention of crabgrass germination and establishment; and (3) chemical control of established crabgrass. These methods may be used singly or in combination. Tests have shown (2) chemical control of germinating seeds combined with (3) good cultural practices give the most satisfactory control of this pest.

Of Similar Appearance
It is easy to mistake quackgrass, witchgrass, tall fescue and others for crabgrass during certain growth stages. There are even three different types of crabgrass—smooth crabgrass, hairy crabgrass and silver crabgrass. All look much alike and are annuals. Perennial grasses which persist from year to year should not be confused with annual crabgrass. Be certain that you are familiar with the nature of the pest before attempting control.

To prevent seed germination and seedling establishment

Cobalt deficiencies in cattle are widespread throughout the west. Feeding trace mineralized salt to cattle will help make up for this lack.

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Horseman's Group To Meet Wednesday

Wednesday, 7:30 p.m. the Jackson County Horsemen's association will meet in the recreation room of the Tex Nash Ford Tractor Implement building, Crater Lake Highway and Delta Waters rd.

All persons interested in the sports related to horses, ponies and mules are invited to attend.

Saturday, April 13, 7:30 The Medford Trailriders will meet in the Boy Scout building at Eagle Point. All members are urged to attend.

Water Supply Forecast Stated

A snow survey and water supply forecasting meeting will be held in the Extension Auditorium on the Fairgrounds south of Medford, Wednesday, April 10th, at 1 p.m., according to Bert Wilcox, county extension agent.

Bob Whaley, assistant to Jack Frost, snow survey supervisor for Soil Conservation Service, will be here from the Portland office to discuss snow surveying and water supply forecasting.

All people interested in the water supply outlook for this area are encouraged to attend. Water forecasting is very important to domestic, irrigation and industrial water users.

The climate in this area is characterized by relatively dry summer months. Most of our precipitation occurs in the winter and early spring months when it is of little immediate benefit to growing crops. Fortunately, most of this precipitation falls as mountain snow which stays on the ground for months, melting later to sustain streamflow during the period of greatest demand during late spring and summer. Thus nature provides in mountain snow an imposing water storage facility.

By relating snow measurements taken over a period of years to spring-summer runoff during the same period, relationships have been developed which make it possible to forecast seasonal runoff several months in advance.

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Co-Ops Need To Grow To Meet New Demand

Corvallis - Farmer cooperatives need to grow in size, performance, and in ability to meet changing needs, reports an Oregon State university agricultural economist.

Dr. Gerald E. Korzan says he believes that formation of new cooperatives in years ahead will be few and far between - not only because the cost of starting a new cooperative is so high, but also because cooperatives already exist in most lines and in most areas. He says the need for cooperative enterprise may be greater than ever, but it must be met by existing rather than new cooperatives.

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