

From The County Agent's Office

By N. C. Anderson

With fall seeding of wheat well under way this week, many questions are being asked by farmers concerning the use of nitrogen on this crop. Already there are several carloads of ammonium sulphate and ammonium nitrate received with several carloads now on order. This with the 2000 acres of summer fallow fertilized with anhydrous ammonia this past June will make the greatest amount of nitrogen ever applied on crops in Morrow County.

A conference of all Columbia Basin County Agents was held at the Pendleton Experiment Station recently where all data from the Pendleton and Morrow experiment stations along with field demonstrations in each of the counties were reviewed. While it is hard to make a general recommendation for the use of nitrogen that will apply to the many varied conditions throughout Morrow County, the following suggestions are in order:

1. Where the moisture content is good to a depth of three feet or more, 50 pounds of nitrogen can be used where a good yield of straw has been removed. Where the straw has been removed, the rate should be cut to 20 pounds of nitrogen on sandy soils, apply 30 pounds of nitrogen in the fall and watch the weather. If winter rainfall is heavy and the wheat is light colored, top dress with another 30 pounds of nitrogen in the spring.

Heavier applications may be given more profitable returns on some of the heavier soils. This is particularly true of the shallow steeper soils at the higher elevations.

2. Double cropping—use 60 pounds nitrogen at seeding time. If moisture is short, don't double crop. This high application on fall seeded grain gave the greatest returns per acre under actual field conditions this past year. If applying nitrogen on spring

seedings of double cropping, this application can be cut as much as 20 pounds of nitrogen depending on the earliness of seeding. Early seedings (February and early March) can use up to 60 pounds, later seedings should be cut back.

It has been found that there are very few instances where wheat crops were hurt from the use of too much nitrogen fertilizer applied in the fall. Should it so happen that the application was too heavy for the 1952 season the benefit from the fertilizer would carry over to the following season. Residual effects of nitrogen have not shown up until applications were higher than 30 pounds.

If there is a question in your mind as to application of nitrogen on wheat, better check with the county agent.

Government price supports for the 1952 wheat crop will average, nationally, not less than \$2.17 a bushel, E. Harvey Miller, Chairman of the State Production and Marketing Administration Committee, announced today.

This minimum support price represents 90 percent of the July 15, 1951 wheat parity price. If the wheat parity price as of July 1, 1952—the beginning of the marketing year for the 1952 crop—is higher, the support level will be increased to reflect 90 percent of the wheat parity at that time. In no event will this support be lower than the \$2.17 national average.

As in other years, farm and warehouse-storage loans and purchases of wheat under purchase agreements will be the methods used to support prices for the 1952 wheat crop.

Oregon farmers have been asked to plant 1,050,000 acres to wheat next year. The national wheat goal is 78,850,000 acres which, at average yields, would produce 1,165 million bushels.

About 1,146,000 acres were planted to wheat in Oregon during 1951. The national planted wheat total was 78,507,000 acres,

but much of this had to be abandoned or replanted to other crops because of unfavorable weather.

Many comments have been heard by the County Agent the past spring and summer concerning the lawn seeding at the new Pioneer Memorial Hospital. These comments have not been the favorable kind and most of them have been directed at the type of grass seeded. No consideration seems to have been given to the type of soil or management of the lawn after seeding.

Right in the midst of the unfavorable comments which were relayed to this office, Dean Collins of the Sunday Oregon Journal, Farm and Home Section, answered these comments most effectively in his "Amateur Garden Notes" column. His comments which incidentally were pointed toward many lawns in general, shows that all lawn problems do not originate at the hospital. I am sure he will not mind being quoted for the benefit of those who have found it necessary to criticize a new seeding being established under many trying conditions.

Dean Collins says: "Most of the water put on lawns has been wasted, and may continue to be wasted until folks get over the idea that broadcast sprinkling on the surface is irrigation. Water spread expansively over the surface of any thing mostly goes away in evaporation. In a lawn as in any growing thing it is of little value unless it gets down where the roots of the plant can use it." The next two paragraphs apply specifically to the lawn under discussion. "Lack of penetration into the soil is one of the main reasons for the browning of summer lawns and the fall to keep green when copiously sprinkled. Lack of penetration into the soil is due to lack of humus, which serves as a sponge to draw and hold moisture, so that it may be returned slowly for use of plant roots, instead of going into the air as evaporation."

"Lots of lawns go through a cycle something like this: Basement clay is spread over the area to become a lawn, good clay, but deficient in humus. Humus is worked in. A lawn is planted and begins to grow. The lawn is fertilized but little is done about replenishing humus. The lawns begin to go brown. More and more water is applied but still goes brown."

You break this cycle, not with more and more water and more and more chemical fertilizer, but with frequent replenishment of peat or some other humus making material, which will hold moisture and meter it to the lawn reasonably so that growth can go on in an orderly manner."

And so, let us not have criticism of a new lawn being established under many obstacles, the worst of which is a deficiency of humus of the soil. Red creeping fescue was used as the lawn, this grass being hard to surpass in beauty and durability once it is established. With proper care this lawn will be one of the nice ones to be found.

"Doubting Thomases" of the value and place of red creeping fescue lawns might make a visit to Steve Thompson ranch, Heppner; Chas. Carlson ranch, Ione; Vivian Kane, Howard Pettyjohn or Al Bunch ranch, Heppner and see this type of lawn under various growing conditions. First year, second year and well established lawns can be seen among those listed. I believe everyone will agree that this grass makes a very desirable lawn.

Morrow County ranchers who are in the market for herd bulls are having quite a selection to choose from this fall with several sales having been held and more coming up soon. The next one is the Oregon Cattle-men's Association sponsored sale to be held at Baker on September 24. The show and grading is September 23.

Ninety three head of bulls are being consigned by many good Oregon and Idaho breeders. Consignors from Morrow County are

Launching Crusade for Freedom



Judy Hatula, of Detroit, prepares to release "pillow balloon" in the nationwide Crusade for Freedom which seeks to enroll 25,000,000 new American members and to raise \$3,500,000 for additional radio stations to penetrate Iron Curtain from Europe and Asia. The 1951 station wagon is one of 49 which the Chevrolet Motor Division has provided for Motorcades to visit principal cities in every state. Balloons used in Crusade dramatize millions of "Winds of Freedom" messages sent to people of Soviet satellite countries. The word "Wolnosc" on the balloon is the Polish word meaning "Freedom."

Home Ec. Winners Of 4-H Style Review Listed

Nancy Palmer's dress was selected as outstanding dress at the 4-H Style Review at the Morrow County Fair.

Joanne Warren received first place for knitting; the costume, sweater, was modeled by little Miss Linda Kay Warren. Patricia Peck placed second with scarf and mittens. Knitting was an added feature of the style review this year.

All 4-H girls that exhibited in 4-H clothing took part in the style review and contest, according to Maud C. Casswell, County Extension Agent, Home Economics. Clothing II was the largest class. Fourteen dresses were modeled from this group. In the

Frank Anderson, Kirk and Robinson, Heppner; and Everett Harshman, Hardman.

FLOWERS for all
occasions
MARY VAN'S FLOWER SHOP

clothing III group, eleven dresses and eleven sports costumes were modeled. Skirts, blouses and play suits were included in this group.

The complete costume, Clothing IV, was represented by Elise Baurenfiend, Morgan and Janet Howton, Ione.

All exhibits in the style review contest were judged on the Danish system.

Placings for style review for blue ribbon winners are as follows: Clothing II blue ribbon winners group, Meredith Thompson, Heppner; Janice Martin, Ione; Shirley Peck, Rhea Creek; and Mardine Baker, Ione.

Clothing III blue ribbon winners, first year project, Dorothy Dobyns, Ione; Patsy Wright, Rhea Creek; Sally Palmer, Rhea Creek. Clothing III, sports division, blue ribbon winners: Patsy Wright, Rhea Creek; Sally Palmer, Rhea Creek; Shirley McCabe, Ione. Clothing III, second year blue ribbon winner: Patricia Peck for dress and sports wear.

Other contests announced at the style review were:

Cake baking contest, sponsored by Wheat Commission, first place, Jean Graham; second place, Marilyn Pettyjohn.

Demonstration contest winners in cooking and clothing are as follows: First place demonstration team was Mardine Baker and Grace McCabe, Ione, demonstrating the making of cup cakes.

This team placed first over all cooking demonstrations and at the same time qualified for the Safeway contest. Second place demonstration team was Carole Anne Anderson and Janet Wightman, Heppner. This team demonstrated the making of nut bread.

Third place demonstration team was Marilyn Pettyjohn and Meredith Thompson, Heppner, demonstrating the making of vegetable salad and salad dressing. Fourth place demonstration team was Elaine Stone and Bonnie Crum, table setting.

Shirley Peck and Janet Wright, Rhea Creek, placed first with their demonstration "Know your

Patterns & Equipment." One team demonstration: Meredith Thompson, Heppner, "The Work Basket" placed first.

Winners in the Home Economics Judging Contests are: Senior Division: First, Nancy Ferguson, Heppner; second, June Privett, Heppner; and Grace McCabe, Ione; third, Peggy Wightman, Heppner. Junior Division: First, Rieta Graves, Heppner; Eleanor Rice, Heppner; second, third, Janice Martin, Heppner. All girls enrolled in Home Economics 4-H Clubs entered the contest. In this contest girls judged four classes in knitting; 8 in clothing and 8 in foods.

Blue ribbon winners in 4-H Home Economics Exhibits are as follows:

Clothing 1A, Anna M Winters, Lexington.

Clothing 1B, Anna Belle Coleman, Ione.

Clothing 2, Janice Martin, Heppner; Mardine Baker, Ione; Shirley Rietmann, Ione.

Clothing 3, 1st year, Sally Palmer, Heppner; Elise Baurenfiend, Morgan; Shirley McCabe, Ione.

Clothing 3, 2nd year, Patricia Peck, Heppner.

Clothing 4, Elise Baurenfiend, Morgan.

Knitting 2, Patricia Peck, Heppner.

Knitting 3, Joanne Warren, Heppner.

Cookery 1, club cakes, Bonnie Crum.

Cookery 2, Angel Food cake, Helen Graham, Heppner; sponge cake, Marilyn Pettyjohn, Heppner; sponge cake, Jean Marie Graham, Heppner; sponge cake, Judy Thompson, Heppner; nut bread, Helen Graham, Heppner.



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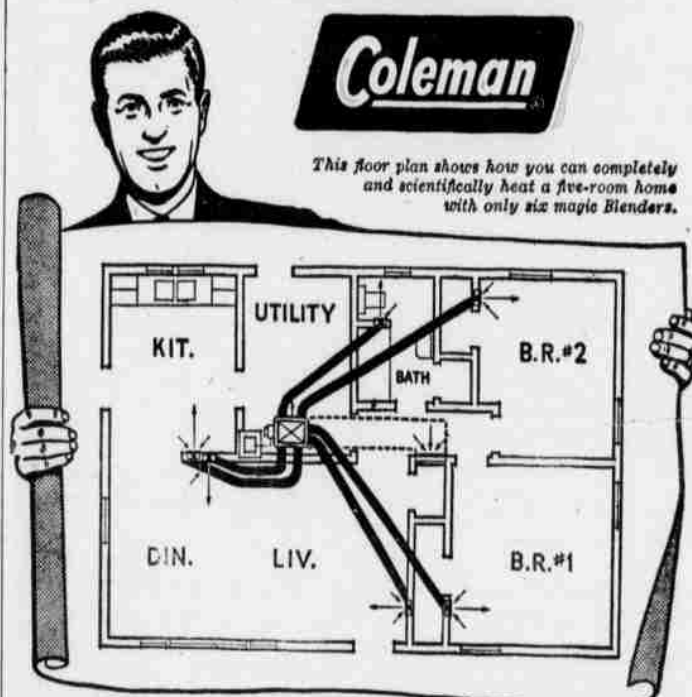
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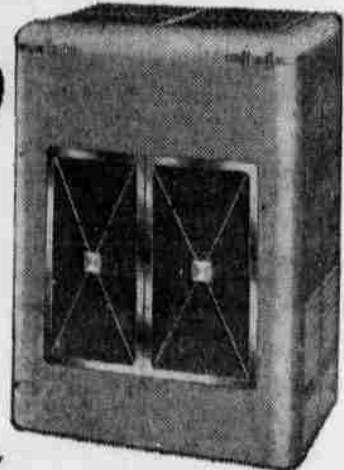
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