

POTATO GROWERS DEMAND OFFICIAL STATE GRADING

Ten Inspectors in Yakima Valley Giving Entire Time Grading Tubers for Market.

M. L. Dean, chief of the horticultural division of the state department of agriculture, has returned to his office in the state house after a week's trip including Prosser, Spokane, Yakima Valley and Walla Walla where he has been looking up matters connecting with the potato inspection, a new service which is being rendered by this department on a broad scale this year in the Yakima valley and in the vicinity of Mount Vernon in Skagit county.

For the past three years the potato growers of the state have inspected their potatoes under the federal grade but in 1919 the Washington state grade was declared and few shippers in 1919 sent out their large shipments under the Washington grade. This year all the largest shippers in Yakima and Skagit county are shipping potatoes under the state law which is divided into three grades; Washington fancy grade, Washington grade No. 1 and Washington grade No. 2. Before the potatoes can be certified they must be inspected and graded according to quality.

According to Mr. Dean there are at the present time ten men in the Yakima valley who are giving their entire time to potato inspection.

The potato grower's association, with headquarters in Toppenish which covers 75 per cent of the crops in the Yakima valley, is planning to send out entire crop this year under the state grade. At the present time the state grade is not compulsory but there is a large demand, stated Mr. Dean, to make it compulsory and that all potatoes sold in the state must be sold under the grade.

BACKYARD FLOCK NEEDS BEEF SCRAP OR BONE

In addition to the grain and the table scraps given a backyard flock it is well to feed a dry mash. This dry mash is composed of various ground grains and is placed in a mash hopper or box from which the hens can help themselves. The advantage of feeding such a mash is that the hens always have access to feed, and this tends to make up for any faulty, inexperienced or insufficient feeding. The hens do not like the dry mash

so well that they are likely to overeat, but it will supply a source of feed in case they are not getting enough grain feed. The dry mash also provides a suitable medium for feeding beef scrap, a certain amount of which may or may not be necessary, depending upon the amount of meat scraps available in the table waste. If the hens show a tendency to become overfat it may be desirable to close the mash hopper during a part of the day and allow them access to it only during a certain period, preferably the afternoon.

A good dry mash, recommended by poultry specialists of the United States Department of Agriculture, is composed of equal parts by weight of corn meal, wheat bran, wheat middlings and beef scrap. Another mash is composed of 3 parts by weight of corn meal and 1 part beef scrap. Still a third mash, which has given excellent results, is composed of 1 pound of wheat bran, 1 pound of wheat middlings, 6.5 pounds of beef scrap, and 16.5 pounds of corn meal. The beef scrap used in the dry mash is usually the most expensive ingredient, but it is an essential part of the mash and very efficient for egg production. It should not be eliminated or reduced unless the quantity of meat in the table scraps is considerable or unless some other product can be substituted for it. Fish scrap, when available, may replace the beef scrap, or cottonseed meal can be used to replace one-half the beef scrap in the mash. No attempt should be made to replace more than half the beef scrap with cottonseed meal, as the results in egg production and in the quality of the eggs will be unsatisfactory.

Green-cut bone can often be purchased from the butcher. This material when procured fresh makes an excellent substitute for beef scrap. It should be purchased in small quantities, as it can not be kept fresh for any length of time and when spoiled may cause severe bowel trouble. It is best fed in a trough not oftener than every other day, allowing about one-half ounce per bird. Should severe or continued looseness of the bowels follow the feeding of green-cut bone it should be discontinued or the quantity reduced.

KILLING AND DRESSING FOWL FOR MARKET AND HOME USE

Birds to be killed and marketed should be kept without feed for at least 2 hours before killing, say poultry specialists of the United States Department of Agriculture. The best method of killing is to suspend the fowl by the legs and through the mouth cut the jugular vein in the

back of the throat with a sharp-pointed knife. After cross-cutting this vein once or twice, cut into the roof of the mouth so as to pierce the brain with the point of the knife, slightly turning the point after it has pierced the brain.

Fowls to be used at home may be killed more easily by chopping off their heads. The fowls may be either dry picked or scalded. Dry picking makes a better appearing market fowl, but scalding, which is easier, is often preferred, if the bird is for home use. Dry picking should be done immediately after the bird is killed, as the feathers then come out more easily. Be careful not to tear the skin. For scalding, use water heated just below the boiling point, immersing the fowl two or three times, or until the feathers pull off easily, but do not leave it in so long that the skin scalds.

Cool the fowls after they are picked, either by hanging them up in a cool place or soaking them in cold or iced water. Fowls for market are usually sold undrawn, but for home or local use they may be drawn by removing the crop through an opening made in the skin of the neck, and cutting around the vent and then removing the intestines and all other vesicular material, making an additional slit into the abdomen if necessary. Place the liver and gizzard back in the body cavity.

Usually hens make better breeders than pullets. Cockerels, if well grown and matured, often give better fertility than older birds. However, cock birds that have proved good breeders should be used.

HONOR ROLL OF STUDENTS OLYMPIA HIGH SCHOOL

Principal L. P. Brown has announced the grand honor roll and the honor roll of the Olympia high school for the first seven weeks of school. Five students, Ethel Ayers, Madonna Webb, Dora Harper, Dorothy Wallace and Ruth Thacher, have been placed on the grand honor roll, having received no grade below A during the seven weeks of school.

Honor roll students who received no grade below B are:

Senior Class—Mildred Bateson, Donna Campbell, Agnes Evans, Wilari Evans, Doris Hall, Alice Hammond, Vera Harris, Willabelle Hoage, Mary Hogan, Adah King, Runey Maxin, Gladys Myers, Lena Miller, Lucy Prillman, Alice Springer, Ruth Troy, Bruce Maxwell, Charles Sternberg, Jimmie Jenkins.

Junior Class—Alta Blair, Luc'le Bricker, Rhoda Fowler, Mittle Griffin, Melissa Harper, Hazel Jeffers, Maxine Jeffers, Rena Norrie, Anna Reinhardt, Mary Reinhardt, Edith Rettig, Margaret Trooper, Margaret Walthew, Lillian Wilson, Eugene Bowman, Stanley Knox, Harold Nelson, Norman Perring, Lewis Selvidge.

Sophomore Class—Lucille Almnden, Helen Austen, Mildred Ayre, Ethel aBrton, Lola Candler, Beulah Clard, Elizabeth Clary, Iris Cone, Adena Daniel, Beryl Drury, Geraldine Ellis, Miriam Elwell, Ruth Hoage, Marian Holmes, Celestia Kempher, Gertrude Lee Norma Lehman, Mildred Manning, Louise Marten, Carolyn McConkey, Bertha Miller, Edna Milliron, Ada Perry, Ruth Rauchert, Inez Sawyer, Mildred Sharp, Edith Shugarts, Winonah Sullivan, Alice Taylor, Elizabeth Tucker, Clovis Turner, Olga Utterback, Mattie Turner, Aida Waddington, Elizabeth White, Margaret Wilson, Ada Wray, Gertrude Young, Murlin Drury, Charles Kreger, Chester Jackson, William Lea, Merritt Mills, Wilson Tyler, Douglas Van Vlack Lester Webb, Herbert Wolfe.

Freshman Class—Veta Baily, Winifred oBhr, Charlotte Billings, Bernice Brown, Irene Casey, Alberta Clement, Winifred Eicke, Margaret Elwell, Hasch Faye, Rose Frederickson, Rosalice Freye, Dorothy Haigh, Doris Herron, Lorna Lee, Lois Levy, Fern Long, Mary Magill, Leone McGuire, Marjorie Otis, Nelda Perry, Katherine Redpath, Maudie Seward, Sylvia Schlosser, Sylvia Shaw, Esther Sjoblom, Ruth Yauger, Marie Zeller, Vincent Atienza, Henry Bowen, Lawrence Brickert, Iver Carlson, Harold Chambers, Arnold Christensen, Roy Clarke, Leaman Ellis, Herbert Graham, Lloyd Griffin, James Killen, Robert Langridge, Frederick Mee, Nat McInroy, James Niffin, Chester Ralston, Robert Rose, Smith Troy, Claude Velie, Raymond Weller, Allen White.

PIGS FOR SALE
Choice Duroc, first prize yearling boar, \$50; boars, 6 months, first and second prize, \$35; bred sows, produced first and second prize litters, \$70 and \$75; red gilts, \$60. Pigs for feeding \$7.
HOGS
Poland China hogs. First prize 11 months boar, \$50; first and second prize 8 months boars, \$40 and \$45; first and second prize bred gilts, \$60 and \$65.
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OLYMPIA HIGH DEBATERS MEET CHEHALIS TEAM TODAY

Question for Debate Has Been Modified by State Superintendent Josephine Preston.

The Olympia high school debate team will leave Friday for Chehalis, where they will meet the Chehalis team for their first debate in the Southwestern Washington Debate League. The debate will be held in the Chehalis auditorium at 7:45 o'clock.

The question for debate was set by the state superintendent of schools is: "Resolved, That as a prerequisite to the right of strike or lockout, employers and employes should be required to submit industrial disputes to arbitration." A phase has just been struck from the question by Mrs. Preston, state superintendent. "The machinery for the purpose to be provided by the national government." No reason was given for striking this phase from the question. It, of course, necessitates considerable changing of debate material on the part of the debaters.

Olympia will take the negative side of the question. The team to represent Olympia consists of Dorothy Wallace, Fred Convery and Wilson Tyler. Arthur Taylor, coach for the

Mr. Christmas Shopper:

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teab, will accompany them to Chehalis.

Also on Friday, Miss Ethel Benson, R. R. Brown and J. W. Liddell will leave for Winlock, where they will act as judges for the debate between the Winlock and Castle Rock high schools, members of the Southwestern Washington Debate League.

T. W. NORCROSS BECOMES CHIEF ENGINEER OF FOREST SERVICE

The appointment of T. W. Norcross as chief engineer of the Forest Service, effective October 10, is announced by Col. W. B. Greeley, head of the Forest Service. Mr. Norcross succeeds Mr. O. C. Merrill, who resigned a short time ago to become executive secretary of the Federal Power Commission.

Mr. Norcross is a native of Medford Mass., and a graduate of Tufts College, from which institution he received in 1904 the degree of bachelor of science. After his graduation from college he had several years of general engineering experience, particularly in hydraulics and construction work. He was also employed by the Geological Survey on hydrographic work, and in October, 1910, entered the Forest Service at district engineer of the Rocky Mountain and southwestern districts, with headquarters in Denver, by transfer from Geological Survey. While district engineer, Mr. Norcross was in charge of the waterpower and irrigation studies made by the Forest Service, as well as other general engineering work in the two Forest districts. In June, 1913, he was transferred to the Washington office to take the position of assistant chief engineer, and since 1916 has devoted his attention almost entirely to the supervision of National Forest roads constructed with the appropriations made under the 10 per cent fund, Federal aid road act, and the Post Office appropriation act of 1919. Mr. Norcross is an associate member of the American Society of Civil Engineers and a member of the Washington Society of Engineers.

Give the Cut Tire Attention.

"Abuses to tires are more frequent during winter than perhaps any other season of the year," declared R. O. Tucker, sales manager of the Kelly Tire Company, distributors of Kellys in Thurston county and Olympia. Mr. Tucker goes on to show how greater satisfaction can be had from tires if only car owners will give them attention. "A cut in a tire during winter time, if deep enough, can prove fatal to a tire, no matter how well made it is, if the owner does not give it attention," said Mr. Tucker. "The wet sand and water eat their way into the inner fabric and it finally results in a blowout. It costs so very little to have a tire vulcanized or attended to in some other manner that it really is nothing when you consider you are saving the price of a tire. Give the cut in the tire attention as soon as possible.

"Other abuses that result in enormous waste are skidding, misalignment of the wheels, running in car tracks, rubbing against curbs and ruts, and under-inflation. Practically every motorist is guilty of one or another of these abuses and all tend to raise his tire costs. The car owner will find to his surprise how much longer his tires will wear if he will but avoid these few little ill-treatments."

Getting in Touch With the Best.

Edward Everett Hale used to counsel young people to converse every day with some one older, better and wiser than themselves. We cannot all do that, but we can do the next best thing: We can get in touch with them through the printed page and enjoy the fruits of their wisdom and experience. Probably no publication contains so much from the writings of men and women distinguished in many ways as the Youth's Companion. A constant reading of the paper is a liberal education of mind and heart.

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