

THE POTATO CROPS

NEED WATCHING

(Continued from page 1)

Fusarium Wilt or Blight
Symptoms. The fungus which causes this disease invades the water conducting tissue of the stem and roots, plugs the water vessel and causes wilting. This disease is very prevalent in this whole section. The plants are lighter green during the early stages of the disease. If the disease develops rapidly the plant may wilt and die with little yellowing. If the disease develops slowly the entire foliage may become yellow. The woody part of the stem is browned by the presence of the organism. The organism enters the young tubers from the mother plant and often marks its presence by a stem end discoloration designated as "stem end disease."
Control. Roguing and hill selection are the most effective methods of control. Cutting of the stem end before planting is advised if hill selection has not been practised.

Rhizoctonia Disease
This disease is caused by an organism called Rhizoctonia. It is marked by a variety of symptoms such as blight, dry stem rot, rosette, little potatoes, russet scab and black scurf. The underground parts of the plant are attacked, i. e. the roots, stolons (horizontal stems that give rise to tubers), tubers and stems of young shoots.

Symptoms. Missing hills are caused by this organism. Patches of brown dead tissue develop on the young stems. If these appear early enough and are extensive enough they may girdle the plant and kill it. When the stolons are affected, large tops are formed with few or no tubers. The foliage often is yellowish and rolled. If young, water absorbing roots are attacked and killed the plant may yellow gradually as though it were suffering from lack of water, and show death of leaves, the lower leaves dying first. Often rosettes, i. e. plants with an excessive number of branches are formed, giving rise to a short end and more compact type of growth. If the stem is girdled near the ground and the plant not killed, small aerial tubers may develop in the axils of the leaves. If the girdling occurs farther down so that some stolons can develop 50 to 75 small tubers may be produced in a single hill.

Deformed, crooked and branching tubers may be formed by diseased plants. The skin often is corroded forming "the russet scab." Often times there is a sparse or dense web of fine brown filaments growing on the stem and tubers. If these become aggregated they give rise to bodies called "sclerotia," mistaken for dirt that will not come off.

Control. Practice roguing, field selection of seed and treatment with corrosive sublimate. This does not solve the problem entirely since soil

infection takes place. It should be your aim to eliminate and control these diseases as much as possible. To do this you should resort to the practice of roguing. Set aside a part of your field as a seed plot, practise systematic row inspection and remove all diseased plants. If your potato plot shows a high percentage of diseased plants do not try to use the crop for seed. Get your seed from some one that has a good field.

Begin to inspect about flowering time and if you cannot make repeated inspections make at least one more one month after flowering time. Destroy the diseased plants.

Roguing is the proper way to start seed selection. Bin selection alone, though better than none at all, is not satisfactory because it allows diseased tubers to pass by since the tubers may carry disease and yet appear perfectly sound. Field selection which is carried on in a field at digging time, even though it permits selection for size, uniformity and freedom from disease is hazardous if roguing has not been practised.

A very excellent method is the hill selection method. In this the field is inspected late in the growing season and all hills that show freedom from disease are marked. At digging time the hills that show the best type and productiveness of tubers are saved.

Now is the time to begin to think about your seed potatoes for next year. Grow your own seed potatoes for next year in a seed plot, or see to it that your seed comes from some one that practices the methods outlined in this article. Practice has shown that this is the only method to eliminate certain potato diseases.

For further information about potato diseases address the Department of Plant Pathology and Physiology of the University of Nebraska, Lincoln, Neb.

Telephone Three-Four-Oh

CLASSIFIED ADVERTISEMENTS
Five Cents per Line—Count Six Words to a Line
No Advertisement taken for Less Than 15c

HORSE SALE—250 horses will be sold at public auction at the Hemingford Stock Yards, August 1st. For particulars see Calvin J. Wildy. 33-2t-8493

FOR SALE OR LEASE at a bargain: NW 1/4 Twp. 25, Range 50, Box Butte county. Price \$15 per acre. Geo. H. Gallup, Jefferson, Ia. 33-1f-8492

FOR SALE—For the next thirty days, about 800 tons of hay. Inquire of F. E. Allen, 603 Niobrara, or phone 566. 33-4t-8486

FOR SALE—High grade typewriter carbon paper. The kind that gives you a clear duplicate. The Alliance Herald. Phone 340.

FOUND—A casting, evidently part of a tractor or other large piece of farm machinery, on road leading to

Great Sale of Low Shoes

Our stock of new fall and winter footwear will soon be arriving. We must clear our shelves to make room for the arriving shipments. The new footwear costs money—real money—and we have to pay for them.

Carrying over summer shoes is anything but profitable. We would rather sell them for less now and get the money for them than have them on the shelves all winter. We want the money to put into our fall stock. So we are making

Sweeping Reduction on Mens, Womens and Childrens Summer Shoes

We're not quoting prices in this advertisement—we couldn't make the extremely low prices plain to you. Come to the store during this sale, which

Starts Saturday, Aug. 4, and Continues to and Including Sat., Aug. 25

You'll see the old tags and the old prices and the new tags and the new prices. You'll see honest-to-goodness reductions—genuine savings. We say to you, "You attend this sale if you are in the market for shoes. You look at the prices and the shoes. That's all. You'll buy then, we know, if you need shoes."

Lowry's Shoe Store

206 BOX BUTTE AVE.

WE DO REPAIRING

ALLIANCE, NEBRASKA

Alliance, by members of The Herald force. This casting is evidently badly needed by someone and anyone knowing to whom it belongs will confer a favor on the owner by advising him that it is at The Herald office, where it can be secured by calling for it and paying the costs of the insertion of this want ad. HERALD PUBLISHING COMPANY. 34-1f-8471

POSITION WANTED by experienced young lady. Housework or office work. Capable and trustworthy. Reasonable wages wanted. Phone 340, or write Box 8452, care Alliance Herald. 34-1f-8452

WANTED—Washing or day work. Inquire 701 Missouri. 33-2t-8477

WANTED—A furnished room for light housekeeping by lady, in a home close-in. References furnished if desired. Phone 240, Herald office. 33-1f-8476

FOUND—SWITCH KEY and a bunch of keys. Owner may have same by calling at The Herald office, identifying the keys, and paying the cost of this want ad. HERALD PUBLISHING COMPANY. 34-1f-8469

LOST, STRAYED OR STOLEN—Three head of cows, branded O over S on left hip, and one red cow branded M on hip; also three head of calves with no brands. A good reward will be paid for any information leading to their recovery. Address any information to O. R. Roberts, Lewellen, Nebraska. 34-1f-8472

MOVE FURNITURE SAFELY—We have equipped our dray wagons and auto truck with the latest appliances for moving furniture without marring or scratching or doing damage. Up-to-date wagon pads will be used by us on all moving jobs. JOHN R. SNYDER, Phone 15. 37-1f-5950

AUTOMOBILE PAINT—PAINT YOUR OWN AUTO—For \$3 I will send you enough of my high gloss enamel to paint your car. Impossible to streak or leave brush marks. Anyone can apply. It will make your car look like new, and you be the judge. If not satisfied, I will gladly refund your money. J. C. MILLION, 258 Columbine St., Denver, Colo. 16-1f-8180

HOUSE FOR RENT—FURNISHED ROOM for rent to gentleman. Modern, private home. Phone 175. 408 Sweetwater Ave. 30-1f-8445

FOR SALE—HOUSES—FOR SALE AT EXECUTOR'S SALE—Two residence properties located as follows: Lots five and six in block six, Wyoming addition to City of Alliance. The residences are composed of three and five rooms. These residence properties must be sold. Inquire of L. A. Berry, Room 9, Rumer Block, Alliance, Nebraska. Phone 9. 8287-23-1f

Calling cards for the ladies are printed promptly and neatly at The Herald office. The prices are reasonable. Phone 340 for samples and prices, or call at the office.

FURNISHED ROOM for rent. Downtown location. Suitable for lady or gentleman. In private residence. Phone 103. 419 Cheyenne. 35-1f-8532

LOST—Note for \$50, made out to W. T. Huston, signed by Warren Sweet. Reward for return to Herald office. 35-1t-8528

LOST OR STRAYED. Small, red cow. Roan face. Branded on right hip with "E backward H." Notify A. Jacobson, 723 Mississippi Avenue, Alliance, Nebraska. 35-1t-8526.

LAND FOR SALE CHEAP. The finest land in Box Butte county. Every foot can be plowed. Level. Four quarter-sections, 640 acres, in two tracts of 320 acres each. Located west of Hemingford. One tract has wind mill and good well. Excellent soil, fenced. The price is low, on easy terms. Owner will show the land. Address Box 8467, c/o Alliance Herald, for full information, or call at Herald office. 35-4t-8467

PLACE WANTED FOR ROOM AND BOARD—A young lady working for an Alliance business institution asked The Herald this week if we had advertised a place where she could secure room and board. If you have a place for her, phone 340 and ADVERTISE IT THE NEXT TIME.

WANTED TO RENT—Wanted to rent—Furnished or unfurnished rooms for light housekeeping by family who will make permanent arrangements if desirable rooms are secured. Should be modern. Perhaps you are going away for the winter, perhaps you are not using all of your home, or perhaps you know of rooms that can be rented by a family desirous of securing pleasant quarters. If you have the desired rooms kindly communi-

cate with The Herald office or address A1 care the Herald. If you know of desirable rooms this family will appreciate the favor of your communication of the fact to the Herald office.

LAKESIDE
Mrs. Ramsburg is here from Denver visiting with her husband. Mr. Ramsburg is night superintendent at the plant.

The Lakeside Mercantile Co., dedicated their new store building last Wednesday evening by giving a dance and young attended and all had a very enjoyable time.

Mrs. L. C. Harris and daughter Vivian returned Saturday from a weeks visit with relatives in Ellsworth. John Weir, a cousin came home with her to spend a few days in Lakeside.

Mrs. W. E. Richardson with the children, Betty and William arrived here Friday. They expect to make their home here every summer.

Misses Mae and Ruth Folland departed Sunday noon for Norton, Kan. They will visit for a few weeks with relatives and friends, returning for the school term in September.

Harry White from Genoa, Neb., is here visiting his big brother Geo., who is stenographer and general clerk at the Potash office.

W. L. Marcy was an Alliance visitor on Thursday attending to affairs of business.

Mr. and Mrs. Claude Willoughby left Wednesday on 44 for Central City where they expect to visit relatives and friends.

After working for a couple of days on a scraper Draftsman Harold R. Dunn P. B. O. D. decided that a sunshade of some kind would be a paying investment. Mr. Dunn is now the proud possessor of a beautiful stonew which he purchased at the Crowther Reed store.

T. H. Naylor helper at the depot left on Monday. His place is being temporarily filled by Donald Marcy.

Mr. and Mrs. Jas. Helms returned Friday from a three weeks vacation which they spent on their ranch near Seneca.

Announcement



Stephen's Bakery announces the removal this week of its bakery and salesroom from 207 Box Butte avenue (the old location) to 319 Box Butte avenue (the new location). The new location is the building until recently occupied by the Regan store.

The entire interior of the storeroom has been remodeled and re-decorated. Both the salesroom and the bakery (at the rear) are large, light and pleasant. A new back bar has been purchased for the back of the lunch counter. New lunch tables have been installed. You can get a good lunch at Stephen's. The bread, cakes, pies, cookies, etc., are all on display in glass cases.

The bakery is new. The new oven was installed this week by a workman sent here from the factory. New pans and tins are in use. Everything is clean and up-to-the-minute. You are invited to visit the bakery.

THE BAKER EMPLOYED AT THE STEPHENS BAKERY IS A UNION BAKER. Only the latest and cleanest methods are employed in this bakery.

SEE THAT YOUR GROCER AND THE RESTAURANT OWNER FURNISHES YOU WITH ALLIANCE-MADE BREAD—It's Union-made Bread, too.

F. F. Stephens BAKERY

319 BOX BUTTE AVE.

PHONE 649

Union Men

Local Union No. 26, Bakery and Confectionery Workers, of Denver, are striking for a minimum wage of \$19 a week and the right to belong to the union. The Denver Union states that among the brands of scab-made bread being made in Denver are to be found "Honey Bread," "Butter-Nut," "Butter Krust," "Mother's Bread," "Karl's Bread," "Wholesome," "Twin-Scotch," "Old Homestead," and others.



Alliance Shoe Store Sale

Look At These Prices On Ladies' LOW SHOES

47 Pair at	-	-	-	.88
73 Pair at	-	-	-	\$1.38
98 Pair at	-	-	-	1.98

If you can wear shoes of small size you now have the opportunity of buying low shoes at about one-sixth of the usual cost. You know what shoes are worth today. You know these prices. It ought not to be necessary to say more. Remember these low shoes are small sizes. If you can find your size you may take the shoes at the extraordinary low price.

We want to close out these small sizes, get rid of them, get the money for them, so we can put the money into new shoes purchased and soon to arrive.

Alliance Shoe Store

305 Box Butte Avenue

Alliance, Nebraska