

Control Of 10 Types Of Weeds Seen For Klamath

Death and destruction are forecast for 10 types of weeds common to Klamath county from knock-out reports of the potent herbicide 2, 4-D.

Harold Schieferstein, superintendent, county weed control, reports weeds that have lost their resistance under experiments of 2, 4-D (2, 4-dichlorophenoxyacetic acid) include water hemlock, narrow or button weed, nettles, slilt thistle, plantain, dandelion, sight shade, mustard, Russian thistle and beggar ticks.

Eight more varieties responding to this control are whitetop, morning glory, leafy spurge, blue lettuce, smart weed, dock, St. John's wort and willow, but complete kill cannot be determined on these weeds until next summer.

Russian knapweed, Canada thistle, red root, cat-tails and tules showed stubborn resistance to 2, 4-D, recovering with rapid regrowth from treatments.

Startling news to farmers is eradication of a whole patch of noxious weeds with one spraying of the growth-regulating hormone chemical and one season's experiments completed, finds a definite place for 2, 4-D in weed control programs. The wonder chemical can be used in comparatively light solutions of spray with killing effect.

Dying process varies with types of plants, tap-rooted varieties succumbing within a week or 10 days. Two, 4-D prevents weed seed from ripening when plants are sprayed during active growing stage.

The spray seems to have no permanent sterilizing effect on soil but it has not been completely determined what effect it may have on future crops. It is non-toxic to livestock, according to limited observations, but until further observations animals should be kept off sprayed areas until plants are wilted past eating.

Inspection Of Seeds Slated February 15

February 15 has been set as a tentative date for inspection of Oregon certified seed sample plots now being grown in Ocean-side, Calif.

The test plots are now in their second year and have been made a part of Oregon potato seed certification requirements. Experiences proved that ordinary field and bin inspections do not provide adequate measure of current season disease spread, Walter Jendrzewski, assistant county agent said.

Index pieces from samples taken at random from every Oregon potato field prior to digging time in 1945 are included in the test plot plantings.

Ethylene gas is used to break dormancy of seed pieces to speed inspection for disease. Quality of seed is dependent upon degree of freedom from disease, Jendrzewski said. Virus diseases such as leaf roll, mild mosaic and rugose mosaic reduce yields, since infected tubers produce weak, low-yielding plants.

Two angles

The production of disease free seed is being approached from two angles. The traditional method of removing diseased plants by "roguing" is now being bolstered by a war on insects. Seed growers have used sprays or dusts to reduce insect population to reduce current season disease spread.

Isolation of seed plots from fields is also recommended and a few hundred yards is not a barrier to a winged generation of aphids. Nicotine sulphate is effective spray against aphids. Rotonone is an effective dust but DDT has not proved efficient against aphids. Other dust and spray recommendations are being worked out by farm crops men and entomologists at Oregon State college.

It is a known fact that internal browning of potatoes is dependent on current season leaf roll infection, which is dependent on percentage of tuber-born leaf roll in seed lots, and on quantity of insects present.

C. A. Henderson, county agent, stated that minimum temperatures in 1945 growing season were higher than average, making a favorable condition for rapid insect population increases.

Farmers Get Technical Aid

Farmers in Klamath County can now have technical help through the 1946 AAA Conservation program in planning reorganization of irrigation systems, planning or staking drainage ditches and dams, water holes or other engineering practices. A new project makes it possible to use part of the funds for practice payments to provide conservation services in the form of such assistance.

The State Committee has earmarked \$30,000 of 1946 funds for that purpose. The amount of such assistance offered in this county will be decided by the county committee and will depend on demand by local farmers for such services. The amount of funds set aside for such technical help will be deducted from the county allocation for practice payments.

FPC Sets Value On Electric Project

WASHINGTON, Feb. 7 (AP)—The federal power commission today announced determination of an actual legitimate original cost for the Pacific Power and Light company's Cove hydro electric project in Jefferson county, Ore.

The commission set the value—a factor in rate making—at \$296,348 for the 1500 horsepower capacity project.

Grains Effect

Grains seem to be little affected by the spray so weeds may be killed on a grain field without harm. Clover shows no permanent disability from this highly selective herbicide.

Amounts of material needed and mixture of sprays, period for greatest effect, method of application, may all be learned in detail at the county agent's office, post office building, Klamath Falls.

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Sale Of Cover Crop Seed Small

To date Oregon producers have sold only slightly more than two million pounds of cover crop seeds to the government under the 1945 seed purchase program. This is the smallest total since the program started in 1940, and only a fraction of the 100 million pounds purchased in 1943.

Committeemen see the small volume of government buying as indicative of the firm demand for Oregon cover crop seed, with the trade handling nearly all of the 1945 crop. The purchase program closes on April 30, giving producers another three months to sell their seed to the government if they desire. The program was established six years ago to guarantee minimum prices to Oregon producers, and to assure supplies of seeds for expanded cover cropping in the southern states.

Seed Growers To Drive For Test Service

A drive to get more space and more workers for the federal-state seed testing laboratory at Oregon State college, and a research fund to be used in solving problems arising from the testing work, has been started by the Oregon Seed Growers league. A special committee headed by E. A. Geary, Klamath Falls, prepared a report which was adopted by the league calling for further action.

A crisis in the seed testing service occurred this season when number of samples exceeded all previous records with no increase in space, and with further complications with a strange germination difficulty, according to reports made to the league.

Demands Increase

Dr. D. D. Hill, head of the farm crops department, which supervises the laboratory, showed that demands on the service have increased from 1300 samples submitted for test in 1931 to 12,837 in 1945, and with 12,300 samples for the first six months of the 1945-46 season. He said three times the present space is needed, plus better pay to get and hold trained technicians.

The special committee of the league was instructed to work with college and state officials to arrange for temporary facilities before the next rush season starts, and then to help develop a plan to insure adequate permanent facilities in the new building expansion program under consideration for the college.

Considerable emergency research work has been done at the laboratory from funds from seed testing, but only when this was essential to the service, Dr. Hill reported. A 20-million dollar industry needs more and definitely planned research in the seed testing and germination problems constantly arising, he said.

Vets Seek Aid To Set Up Farms

A sharp increase in the number of returned veterans and farmers from other areas who are seeking aid in getting set up on farms in Klamath county during the past three months is reported by R. L. Lauderdale, county farm security supervisor, courthouse, Klamath Falls.

Scarcity of good, developed family-type units for rent or sale on the basis of their worth is the problem most frequently reported.

New five-year loans for livestock, machinery and operating goods have been made to many returned veterans and farmers since V-J Day and many applications have been reviewed by the county FSA committee, said Lauderdale. Loan applications in process of being completed on February 1, were highest since the early years of the war. While many applications and inquiries, particularly from veterans, are being received for 40-year farm ownership loans under the Bankhead-Jones act, very few good farms are being found for sale at reasonable prices.

Further increased demands for FSA services are coming from present borrowers and resident farmers who need credit assistance in making farmstead improvements and replacements long delayed by the war. Milking parlors, building additions, new machinery and water development head most reconversion plans.

Farmers and veterans contemplating use of FSA services are asked to place applications as soon as possible while funds are still available. The Klamath Falls supervisor's office day is every Monday.

Conservation Work Costly

Reports from county committees on performance under the 1945 agricultural conservation program indicate that soil and water conservation work costing more than \$6,000,000 was accomplished on Oregon farmlands under the program. Through practice payments, the government will contribute about 2 1/2 million to the cost.

The reports show that in many

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You'll never find out who passed through your kitchen when you use Old English No-Rubbing Wax... (leave it never fails!) Keeps linoleum never-looking and easier to clean, too. You see, the hard protective coat absorbs wear and soaks out dirt. And it's such a cinch to use. Just pour and spread. Dries glossy-hard in fifteen minutes without rubbing. Every price, too. A pint for 39c.

Old English HOUSEHOLD HELPERS

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counties the value of practices performed greatly exceeded the county's allocation of funds. This means that in those counties the practice payment to the farmer will have to be reduced in accordance with farm allowances established on farm plans last spring.

In 1929, the cost to coast air fare was cut from \$400 to \$259.50.

Thursday, Feb. 7, 1946

\$1,218,523 Paid Out To Jobless

SALEM, Feb. 7 (AP)—The state unemployment compensation commission paid out \$1,218,523 in jobless benefits during December, with \$862,421 of the total going to former shipyard workers.

HERALD AND NEWS—81X

Unemployed lumber workers got the next largest amount, \$130,750. A third of those receiving compensation were women.

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Diamond A Diced Beets No. 2 tin, 2 for 23c

Rancho Pea Soup 10 1/2-oz. tin 6c

Campbell Vegetable Soup 10 1/2-oz. tin 13c

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Check your supplies and re-stock now... it's a long time until spring and summer. Check Emil's prices, too. You'll find them all as low as the lowest—some still lower. For savings, you'll find that Emil's just can't be beat!

Pel-La-Co. Sweets 27-oz. Tin 29c

Happy Vale Peas, No. 2 tin 2 for 23c

Del Monte Peas, No. 2 tin 14c

Standby Fancy Peas, No. 2 tin 2 for 23c

Standby Fancy Cut Beans, No. 2 tin 20c

Royal Club Cut Beans, No. 2 tin 19c

Grand Island Beans, No. 2 tin 14c

Snowdrift Shortening 1-lb. jar 24c

Meco Corn, No. 2 tin 2 for 27c

Royal Club Cream Style Corn, No. 2 tin 2 for 33c

Royal Club Vac. Packed Corn, 12-oz. tin, 2 for 33c

Del Haven Spinach, No. 2 tin 15c

Hunts Spinach, No. 2 1/2 tin 19c

Del Monte Whole Beets, No. 303 gl. 20c

Del Monte Quartered Beets, No. 303 gl. 18c

Fruit Cocktail Libbys, No. 2 1/2 32c

Hunts Dark Cherries, No. 2 1/2 tin 43c

Tomatoes, Spencer S. Pack, No. 2 1/2 tin 22c

Hunts Tomato Sauce, 8-oz. tin 6c

Libbys Apricots, halves, No. 2 1/2 tin 29c

Pears, Three Sisters, No. 2 1/2 tin 29c

Green Lima Beans, No. 2 tin 21c

S&W Tomato Sauce, 8-oz. tin 2 for 13c

Palmolive Bath Soap Lots of suds, Each 2 for 19c

Super Suds Pkg. 23c

Libby's Tom. Juice, 46-oz. tin 25c

Nalley's Relish 12-oz. jar 19c

Tomatoes No. 2 1/2 15c

Meco brand pure tomato flavor.

Ostrom Mushroom Soup, 2 for 35c

10 1/2-oz. tin.

Fels Naptha Soap bar 5c

Libby's Plum Preserves No. 303 Jar 34c

SWIFT'S DOG MEAL SPECIAL COUPON OFFER

This coupon when properly signed and presented to EMIL'S FOOD STORES is good for 25c on the purchase of one 5-lb. bag of SWIFT'S DOG MEAL.

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This coupon expires Feb. 23rd, 1946.

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Navel oranges are easy to peel, slice, and section. Seedless! Perfect for salads, desserts, the lunch box... for good eating any time. Ask for Sunkist Navel Oranges, finest from 14,500 co-operating California and Arizona citrus growers.

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Avocados Medium size each 15c

Lettuce Fancy large heads lb. 10c

Cauliflower Fcy snowwhite, med. size lb. 13c

Dry Onions 3 lbs. 23c

Oranges Sunkist, any size 5 lbs. 52c

Juice size 1/2 crate 2.49

Delicious and Winesap Apples, Hubbard Squash, New Potatoes and Peas, Coconuts, Tangerines and Sprouts.

Royal Club Coffee

Drip or Reg. Grind 1-lb. glass 31c

Argo Gloss Starch, 1-lb. pkg. 3 for 25c

Maca Yeast, each 3c

Johnson's Glo-Coat, quart 98c

Hamilton Sauerkraut, No. 2 1/2 tin 20c

Baker's De Luxe Cocos, 1/2 lb. 19c

Comb Honey, frame 39c

Joy Popover Mix

Extra special, 10 1/2-oz. pkg. 2 for 29c

Skippy Peanut Butter, 16-oz. jar 38c

Swift Vienna Sausage, 4-oz. tin 13c

Swift Deviled Meat, 3 1/2-oz. tin 7c

Swift Prem, 12-oz. tin 33c

Swift Corned Beef Hash, No. 2 tin 24c

Phillips Marmalade, 2-lb. jar 38c

Peats Granulated Soap Lge. pkg. 26c

Cashmere Bouquet Soap Dependable for all-around use. Each 3 for 27c

Finer MEATS

Beef Roasts A Grade, Sho. cuts lb. 26c

Pork Roast Center Shoulder Cuts lb. 31c

Turkeys Young and Fresh lb. 45c

Corn Beef Boneless Brisket Cuts lb. 35c

Soup Meat Lean and Meaty lb. 20c

Lard No Limit lb. 19c

Pork Chops Lean Center Cuts lb. 35c

Tree Tea 4-oz. pkg. 25c

Del Monte Catsup, 14-oz. bottle 18c

Hershey Cocos, 1/2 lb. 10c

Orange Juice, Golden Harvest, 46-oz. tin 45c

Old South Blended Juice, 46-oz. tin 49c

Standby Grapefruit Juice, 46-oz. tin 32c

Libby's Tomato Juice, No. 2 tin 11c

Vel pkg. 23c

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