

Kenland Red Clover Plantings Required Of Registered Seed

Rules Explained For Certified Seed Program

By CLAUDE STEINBOFF

Plantings of Kenland red clover made in Oregon this fall are required to be of registered seed and must pass routine inspection to be eligible for certification according to Harold Finnell, extension certification specialist at Oregon State college.

Foundations Kenland will be eligible as registered seed next year. After this season, no new plantings of registered Kenland seed will be allowed under the certification program, the change being made to purify genetic make-up of the seed and so strengthen its performance under field conditions.

Columbia, Omar Wheat Announced

Money spent for research is paying off for Oregon wheat growers, the Oregon Wheat Commission reported this week. Two new wheat varieties were announced this fall, and a third is in final stages of development.

Marion Weatherford of Arlington, commission chairman, sees the new varieties as opening the door to expanded markets for Oregon wheat, "because growing a better product is a good way to get new customers."

The new varieties, developed by plant breeders at Oregon State and Washington State college experiment stations, are Omar and Columbia. Foundation seed was planted by selected growers in the two states this fall, and seed for commercial planting will be available after next harvest.

For better cake and pastry flour, Omar is expected to replace Elmar, the region's most popular soft white club wheat. Omar yields, milks and bakes as well or better than Elmar, and is highly resistant to all known races of smut. This fungus disease has become a serious problem with Elmar.

Columbia, a hard red winter wheat designed for low-rainfall areas, will help meet the need for high protein bread-type wheat. Rio and other present hard red winter wheats have lost out because of low yields. Columbia will yield 10 to 15 per cent more than present bread-type varieties.

Pacific Northwest flour mills now bring in 30,000,000 to 35,000,000 bushels of hard wheat from Montana each year to blend with this region's soft wheat to take care of milling and export demand for bread flour.

The commission has high hopes that Columbia and another prospective new hard wheat will enable growers in this region to supply this market themselves. The other new variety, a hard white wheat, is scheduled for final checking this coming year. Milling and baking test results were excellent last year but variable this year, so further checking was necessary. In the meantime, seed is being increased under contract so that stocks will be available for commercial planting next fall. If it is released then, in test plantings, it has out-yielded even Elmar, the region's highest-yielding club wheat.

Basin Group Sets Meeting

Secretary of Interior Douglas McKay, Senator Richard Neuberger and Representative Hartzell Ellsworth are all scheduled to speak November 1 at Oregon State college at the annual meeting of the Willamette Basin Project committee.

The meeting also will include reports from nine county chairmen—Fred Merryfield, Benton; Walter Buse, Clatsop; Fred G. Knox, Lane; Clarence B. Elder, Linn; Floyd Fox, Marion; R. L. Clark, Multnomah; Charles A. Evans, Polk; W. S. Putnam, Jr., Washington; and Philip N. Bladine, Yamhill.

McKay will speak at the noon luncheon. Neuberger and Ellsworth will report on the Willamette Basin project in Congress. Elmo B. Chas. of Eugene, committee chairman, will outline future plans of the group, developing water resources. Meetings will start at 8:30 a. m. in the home economics auditorium.

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The changes which have been recommended by the International seed certification board, and which are thought advisable to hold up seed plantings, for sale and seed production of Kenland in eastern parts of the U.S. where most of the seed is used. Finnell predicted that Kenland clover is very apt to fill under a similar program after this year.

Kenland certification totaled a little over 7,000 acres grown so far this year but late inspections may run this to 8,500 acres in 16 Oregon counties. Of the nine western Oregon counties, Yamhill and Washington were leaders. Jefferson county is the top producer of the state with 1700 acres. Malheur county ranks fourth. Of the 7000 acres, about 900 is registered seed, 300 new registered plantings, 3300 acres certified and the remainder is new seedlings of certified.

This year there will be a total of 13,000 acres of all clovers certified in the state, Finnell stated. There are eight varieties. The total if 2,200 acres more than was certified in 1954.

Problems of Suburban Living Discussed at First Meeting

How to find time to get all the necessary jobs done. According to Oris Rudd, Marion County Extension Agent, this seems to be one of the big problems confronting the suburban resident who is trying to take care of a small acreage of land and hold down a full time job. This and other problems related to suburban living came out last Thursday evening at the first meeting of the Marion County Suburban Living Committee.

State Hatchery Association Plans Meeting

Oregon poultry industry reactions to "franchised" hatchery and breeding operations that require payments for use of breed lines will be aired October 28 at the annual outlook meeting of the Oregon Poultry Hatchery Association in Eugene.

Association secretary Noel Bennion, Oregon State college poultry specialist, says national growth of the franchise system has spread to Oregon and poses major questions to the state's multi-million dollar hatchery industry. Under the system, local hatcheries buy stock from nationally-advertised lines with the stipulation that all subsequent sales carry the "brand name."

Anthracnose Spray Program

Apple anthracnose, a fungus disease, causes wood cankers and fruit rot. Different, Starking Delicious and other red strains of the popular Delicious variety are among the most susceptible varieties to this disease.

Scouting with Bacillus and 100 below the fall rains is the recommended control. Spraying at 1 1/2 percent per 100 gallons of water should be used on yellow-skinned varieties such as Golden Delicious, Gravenstein and Yellow Newton. Pruning out severely cankered branches is also recommended. However, good judgment is required so that "fold limbs" will not be removed.

If apple anthracnose is ignored in young orchards, the disease may kill or seriously weaken entire limbs. The fungus kills the bark and the cambium layer under the bark. Anthracnose cankers cause sunken areas of bark. If these cankers break each other and girdle the limb, the limb dies.

If anthracnose has been present for several years, infected bark may drop away, thus exposing the heart wood. To prevent further damage, the exposed heart wood should be painted with a commercial tree paint or Bordeaux paint. Bordeaux paint is prepared by stirring one pound of copper sulfate in one pint of water.

Copies of the circular are available from county extension offices or OSU.

Drench Brings Sheep Growers Extra Money

Little price change from a year ago for fall-fattened lambs, but extra dollars for some operators as a result of a control for internal parasites in sheep, is the report from Oregon State college.

Large supplies of beef and pork will work against much improvement in fall and winter lamb prices compared with a year ago. M. D. Thomas, OSC agricultural economist reported this week. Close on the heels of the outlook came word from OSC experiment station researchers that profit-cutting stomach worms in lambs can be held in check with inexpensive treatment.

Fattening lambs treated at OSC last fall with phenothiazine drench to control parasites gained four times as much as untreated lambs. Treated lambs also gained higher, according to veterinarian Paul Allen and animal husbandman J. E. Oldfield.

Twenty feeder lambs receiving the treatment averaged gains of 13 1/2 pounds during a 70-day feeding period ending January 17. Untreated lambs gained only 13 pounds.

Treated animals were drenched with two ounces of phenothiazine November 4 and again two weeks later. The drench was prepared by adding one pound of phenothiazine powder to one quart of water.

Even more striking than the increased gains, says the researchers, was the higher carcass quality of the treated lambs: seven graded "choice" and 15 "good." Of the untreated lambs, two were graded choice, 11 good, and six utility. There was one death in the untreated group.

The treatment reaches maximum effectiveness where sheep are in poor condition as a result of heavy parasite infestation, the researchers report. Generally, western Oregon flocks will be more heavily infested than those of eastern Oregon.

Dr. Allen advises ranchers concerned with the parasite problem to contact their local veterinarian for specific recommendations since the severity of infestations will vary among ranches.

Stock Income Varies With Workers' Inco

OREGON STATE COLLEGE—Livestock producers have a big stake in the size of the nation's paychecks now and in the future, say extension agricultural economists at Oregon State college.

In their latest "Agricultural Situation and Outlook" circular, the economists explain farmers' income from livestock usually tends to rise and fall with changes in workers' income. However, changes in marketing margins and costs can modify this tendency in the short run.

Consumer spending for meat rises rapidly when paychecks are growing and it falls quickly when paychecks shrink. This also is true of dairy products, but to a lesser extent. One way or another, it is the well-paid working man who brings home the beef and bacon and milk—little work or low pay makes a big difference.

The latest paychecks in U.S. history have helped to bolster livestock prices in recent months, the economists believe. Yet, the price decline has not been stopped—it has "just been slowed. Demand has not increased fast enough to offset the price-depressing effect of larger meat supplies.

Looking ahead, economists see no big slump in demand and prices for these farm products, but they point out that rising incomes are not very likely to be maintained consistently in the months and years ahead. This does not necessarily mean that demand for meat is likely to decline. Instead, it means demand may not increase as fast as it has recently or as rapidly as the supply of meat. That in turn would mean lower prices for livestock.

Copies of the circular are available from county extension offices or OSU.

LOCKER BEEF

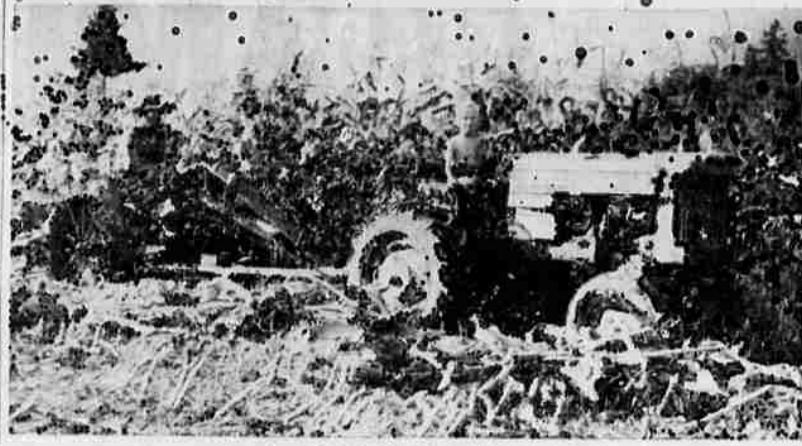
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Old Corn Binder Used in Harvest



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Town, Country Church Meet Planned for October 24 to 27

Oregon's ninth annual Town and Country Church conference to strengthen religious influence in rural communities is scheduled October 24 to 27 at Oregon State college with all sessions open to the public.

Meetings of Poultrymen Planned Here

First of a series of four meetings for poultry producers will be held in Room 82 of the Marion County Courthouse Monday evening. Other meetings will be held October 31 and November 7 and 14.

Stock Group Sets Meeting

The Western Oregon Livestock association will hold its 20th annual meeting November 17 to 19 at the Greentree hotel, according to Harry Lindgren of Corvallis, former Oregon State college livestock specialist.

Taste Tests Conducted on Oregon Beans

Student "taste testers" at Oregon State college brought a series of tests this week to see if the flavor of Oregon's famed Blue Lake green beans and other varieties can be improved with addition of a seasoning ingredient, mono-sodium glutamate.

Glutamate has become a "third" salt and pepper in many kitchens. Homemakers sprinkle it on fish and meat to enhance flavor.

The Glutamate Manufacturers' technical committee, representing five major companies, granted \$500 to the OSU food technology department in July to conduct the tests on processed green beans.

In cooperation with some commercial freezers and canners in the Willamette Valley, OSC researchers packed about 3500 cans and packages of beans for flavor tests, according to L. A. Pettit, food technologist in charge of the project.

Student taste panels consisting of about 125 to 150 paid tasters record whether they prefer one sample of beans over another, not knowing the nature of the samples being tested.

Tasting of beans stored for three months will continue through October and November. In the spring, beans will be tasted again after storage for nine months. By testing at different time intervals after processing, the effect of usual storage from one growing season to the next can be determined.

In addition to the taste preference information, technologists are determining the amount of mono-sodium glutamate that is found naturally in green beans.

LEBANON—Ethan Hull manipulates an old Deering combine to harvest a bumper crop on his farm in the Tennessee district. The Deering, which has not been manufactured under that name for more than 30 years, was stored on the Shedd farm of Charley Jackson when loaned to Hull. He made a few minor repairs and found it to work most efficiently. In one operation it cuts the corn stalks about six inches from the ground, binds them in sheaves and drops them off in its wake. The binder is pulled by Hull's tractor, manned by his 6-year-old son, Karl. The lad is an efficient tractor skinner and has helped his father all summer on the farm.

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CHILD MAY LOSE EYE

DALLAS—Theresa Parker, 3, daughter of Mrs. Dolores Parker, may lose the sight of an eye as a result of a knife accident Wednesday. The child had over to pet her brother, Leonard, 9, cut a knot in her shoestring when the knife slipped and cut her eyeball. The girl's condition at Doernbecher's hospital is still critical.

16 DIE IN COLD WAVE, MEXICO CITY

MEXICO CITY—A cold wave sweeping Mexico has brought death to at least 16 poor persons in Mexico City. Five bodies were found on streets and sidewalks.

Oregon Income from Farming Amounts to \$403,396,000

By MAXINE GWYN
If you know that Oregon's annual cash farm income hits a grand total of \$403,396,000, you know the state's second biggest industry, and about one third of Oregon's total is laid out in its 36,277 farms.

So richly enough, the fine white ones to cultivate land in the Oregon country were not "men of the soil," but rather, sailors, off the brig Ruse. They planted grapes and beans near Ilwaco, Washington. That was in 1792, and a heap of plowmen, planters and acreage has since then.

Sometimes, as when large acreages of wheat are involved, the Oregon farmer depends upon one item for his living. But mostly he's diversified, and is raising cranberries, sweet peas, and what have you. He allows that not putting all your eggs in one basket is a good idea. If the tukes don't pay off—the peppermint will.

Prices may not always be right, but there's one thing the farmer can rely upon—he'll have plenty of work to do.

However it's figured though, the early day farmers had it tougher—much tougher.

Take George W. Ebbert, for instance, who literally trapped his way out west from Kentucky. His "take" on beaver skins was good. So when he got to the Oregon country along about 1837, he was able to buy enough wheat to plant eight acres. The first wheat harvest was enough in '31 in Marion county. His average yield was 30 bushels per acre, and he sold his harvest to the Hudson's Bay Co. for 60 cents a bushel. The next year, he planted 25 acres. Then he split rails for cows and calves (it took 4000 rails for one cow and calf) and did general farm work at the Methodist Mission below Salem. Chickens and ducks entered his enterprise, too. Well, it seemed one thing led to another with George, for before he knew it, Dr. John McLaughlin had set him up in the big business by loaning him a couple, which he was to replace at a certain time.

Wheat Ground in Piek

In 1844, Ebbert decided to plant wheat on his horses and mules and haul it to Salem for grinding. When that job was done, he loaded up the flour to head towards his

Turf Research Meeting Topic

Some of the latest results of turf research will be reviewed at a meeting of the Oregon-Washington Golf Course Superintendents' association, October 18 at Oregon State college.

The meeting will be held at OSC's Memorial Union building starting at 10 a. m. It is expected to attract, in addition to association members, people concerned with the maintenance of parks, cemeteries, athletic fields and highway beautification. The public is invited.

After opening remarks from F. E. Price, dean and director of agriculture at OSC, several of the college's researchers will discuss turf problems.

Association officers are: William Martin, Forest Hills golf course, Cornelius, president; Homer Gray, Corvallis country club, Corvallis, vice-president; and Jack King, Columbia-Edgewater country club, Portland, secretary-treasurer.

Hort Society Plans Meeting

Oregon's oldest farm commodity group, the Oregon State Horticultural society has scheduled its "Three Score and Ten" meeting December 1 and 2 at Oregon State college, according to secretary C. O. Williams, OSC horticultural specialist.

In addition to general assemblies the 70-year-old society has slated sectional meetings for stone fruits, small fruits, apples and pears; and vegetable crops. President of the group is Harold Bushie, Boring.

NOTICE OF HEARING ON FINAL ACCOUNT

Notice is hereby given that the final account of Elvin A. Penrod and Emma D. Emley, as co-executors of the estate of Jessie M. Penrod, has been filed in the Probate Department of the Circuit Court of Marion County, Oregon, and that November 7, 1955, at the hour of 9:15 o'clock a. m., in the courtroom of said court have been fixed as the time and place for hearing objections to such final account and to the settlement thereof, at which time any person interested in said estate may appear and file objections thereto in writing and contest the same.

Dated and first published October 7, 1955.
ELVIN A. PENROD
EMMA D. ENSLEY
As such Executors

NOTICE OF FINAL HEARING

An administratrix with the will annexed of the estate of JOSEPHINE M. MORSE, deceased, the undersigned has filed in Circuit Court of Oregon for Marion County, In Probate, her final account in estate of said deceased, and October 21, 1955, at 10 o'clock a. m., and the courtroom of said court have been appointed by said court for hearing of objections to said account and settlement thereof.

hoo on the Tualatin Plains, 75 miles away. When the Champoeng river was reached, the animals had to swim while the flour was ferried over in a canoe. Finally, the men wound up by Ebbert having to pack the flour on his shoulders in order to cross a deep creek just before he got home. When we'd sure had to go through that everytime we wanted a loaf of Dave Goodell!

Farming has always been closely knit into the development of this state. For even the first ship to be built in Oregon, "The Star of Oregon," was traded for 30 head of cattle in San Francisco. Volunteer workers, headed by Joseph Gale, put the boat together, and after bartering her off they stuck around the Bay City, "Halls Oregon," hoping to drum up enough interest to get him in driving the cattle back this way. At last, "recruits" were lined up. By the time they started, though, the number of livestock had increased to 1250 head of cattle, 3000 sheep, and 600 horses.

Because of Oregon's fertile soil, it tops other states in the raising of many crops, such as peppermint, canneries, and oh, yes, of all counties in the U.S., our Beaver state has the purest of 'em all, for Curry grows more lily bulbs than any other county in the nation.

Water gives that shot in the arm growing things need during dry periods, and in 1852 in Jackson county, Jacob Wagner dug around in a creek, shifting a part of its flow into his vegetable patch, to begin Oregon's first irrigation project. Now, down in Klamath county, there's some 208,000 acres under irrigation. The Willamette Valley has about 70,000 acres under water. Although the way it cuts loose and rains on occasions, we'd say there was considerable

Well—it's time we hustle down to the barn to do the evening chores.

Details Told For Corn Show

Oregon corn growers planning to enter the annual Oregon State Corn show's hybrid yield contest, December 9 and 10 at Canby, are advised to arrange now for harvesting of sample plots.

R. E. Fore, Oregon State college agronomist and show chairman, says county extension agents will have fields blocked off and harvested for interested growers just ahead of general harvest.

Adult contestants must have at least five acres of corn measured for yields; FFA boys, three acres; and 4-H'ers, one acre. Each of the three groups will compete by districts before the run-off for State sweepstakes champion. District 1 includes all counties east of the Cascades. District 2 competition for western Oregon counties is divided for irrigated and non-irrigated fields.

This year's 14th annual show at the Clackamas county fairgrounds will again feature a 10-car exhibit contest for each of the three groups. Cash premiums will be awarded for top hybrid yields, the 10-car exhibits and a judging contest.

LEGALS

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MURIEL MORSE
As Administratrix with the Will Annexed
Carson, Carson & Carson, Attorneys for Administratrix with the Will Annexed
Sept. 21, 1955, Oct. 7, 14, 21

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