

# Basin Spud Acreage Goal Set At 20-21,000 Acres For 1948 Growing Season

By C. A. HENDERSON  
Klamath County Agent

Requests for goals from potato growers in the Klamath basin indicate a 1948 acreage of between 20,000 and 21,000 acres. The 1947 acreage for the basin was 15,200.

USDA says that the U. S. potato growers intend to plant 2,162,000 acres of potatoes in 1948; last year's figure was 2,146,000 and the 1946 acreage was 2,097,000. The 18 crop-plus late states will plant 2 per cent more than last year but the increase in the western states in the late crop will be 8 per cent with some decrease in the national intermediate and early states plantings. It is pointed out that if yields average the same throughout the nation as they did in 1947, that the national crop will be just under 400,000,000 bushels. Indications are that the percentage of increase in the Klamath basin will be much greater than the national average.

The March 5th publication of USDA's definition in its 1948 price support program of potatoes as "invisible because of odor, flavor or internal discoloration," is causing much concern on the part of potato growers in the United States. The following is particularly objectionable because of odor, flavor, internal discoloration or other invisible damage whether or not this damage is apparent at the time of shipment or subject to determination by shipping point inspection procedure. This means that potatoes found objectionable for these reasons will be rejected to the vendor with and where the condition is discovered and that the purchase price of the entire lot will be reclaimed from the vendor together with such transportation, storage and related costs as have been incurred.

Under this ruling it seems possible that potatoes bought on inspection by the government from an eligible grower or certified dealer and held in storage for later distribution might, after some weeks, be found objectionable because of being infested with the potato beetle, the development of ring rot or net necrosis or other troubles included in the term "invisible damage." If this should occur, the wording of this regulation indicates that the government might then reject the lot and even require the original dealer to stand the loss in full, including transportation and storage charges and he, in turn, would attempt collection from the grower. It is generally felt that this regulation would seriously complicate the normal methods in potato marketing. At the present time many protests are being sent the government as regards this ruling and it is believed that a further modification and explanation of this ruling is being worked out.

## Rotenone Is Best Spray For Cattle

By JAMES T. ELINGS,  
Assistant County Agent

Rotenone, used widely for the control of certain plant pests, is probably best known as a control for cattle grubs or warbles.

Although some of the newer insecticides give fairly good control of grubs, probably the cheapest and safest method of grub control is using the insecticide, rotenone. DDT does not give effective control of warbles.

Rotenone may be applied several different ways, as a dip, spray, wash or dust. The five per cent Rotenone powder is probably most convenient and always available.

For spraying cattle grubs, 7 1/2 pounds of the 5% Rotenone powder in 100 gallons of water, and applied at 400 pounds or more pressure is recommended. The high pressure is necessary to penetrate the grub holes.

Dusting Okay  
A few animals can be conveniently dusted. A Rotenone product made up of one part of 5% Rotenone dust and two parts diatom is available at your dealer. Rub the dust well into the animal's back. The wash is made up of 12 ounces of 5 per cent Rotenone powder in one gallon of water, plus 2 ounces of neutral soap or six ounces of wettable sulphur, if there is no wetting agent included in the Rotenone product.

For the dip, the same concentration as spraying is used, plus 10 pounds of wettable sulphur. Hold the animals in the vat two minutes. Cattle grubs have been noted in the animals' backs as early as December 15 in Klamath county. Treatment is recommended at 30 days after the grubs first show in the animals' back and repeat at 30-day intervals as needed.

Two species of cattle grubs infest cattle in Klamath county. The common cattle grub prevails from January to about the end of March. From then on mostly the so-called northern grub will be found in the backs of cattle until about the end of June. The seasons of the two grub species overlap somewhat, but the overall grub control season is greatly extended.

More meat and milk production is the claim of cattlemen and dairy men who treat for grubs. The incidence of the heel fly during the summer months is cut down. The heel fly, the adult form of the cattle grub, often causes the cattle to run off weight and bothers them enough to keep the cattle from grazing.

Hammond Ranch Ships In Cattle

The Hammond ranch near Merrill has shipped in 200 head of Hereford cows and calves from the Bare ranch at Eagleville.

The animals have been moved to Willow Creek ranch near Dorris, Calif.

Seven hundred head of cattle from the same source have been shipped to the Meiss ranch at Dorris by the Stevensons. Another 1100 head of Hereford steers will be brought down from Burns next week. Pasture is reported improving in Northern California since the recent moisture.



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### Agency Cattle Are Being Treated For Insects With Chemical Sprays



Upper left: One hundred and twenty-five registered Hereford bulls were sprayed last week for tick and lice control with a DDT preparation. Jim Stepp did the work for Bruce Campbell, livestock buyer for a Medford meat company, who treats cattle as a sideline. Picture below shows the spray running off the curly hides of the bulls. Upper right: Stepp is shown here spraying calves with rotenone for ox warble control. The calves are run into a chute and the spray directed onto the backs with a high pressure.

## Nellie Wins Cow Contest

Nellie, a four-year-old Holstein cow owned by the Walsh county school at Grafton, North Dakota, won the Holstein Freisen association butterfat production contest. Nellie produced, in ten months, 22,744 pounds of milk containing 824.6 pounds of butterfat. This may not be important news to potato men, says Bill Case, secretary of the Red River Valley Potato Growers association. However, says Bill, Nellie was fed 25 pounds of raw chopped potatoes per day, along with other things, and the herd man in charge says the potatoes helped a lot. The value of the fat returned by the potatoes made the potatoes worth \$1.75 per cwt. "Many of our scientists and food experts," says Bill, "have refused to believe the value of potatoes in the production of milk or meat. We believe this is due mainly to the fact that only limited experiments have been carried on. We believe further that cull potatoes are worth far more on your own farm than on any market." He proposes a study and recommends a slogan, "Sell the best and feed the rest."

## Squirrels Due In Few Days

Ground squirrels will make their appearance in considerable numbers just as soon as a few days of good, warm weather occur. Poisoned oats will be available throughout the county at the regular stores and at the county agent's office in the federal building.

Early poisoning is most effective on warm, still days particularly early in the morning. A few kernels placed outside of the squirrel hole is sufficient. They should never be placed in a lump but should be scattered. Ten to 15 kernels scattered in front is enough. It should be remembered that this poison is dangerous to all animals and should be kept away from livestock and kept under lock and key where there is danger of children getting it. It contains strychnine and every care should be taken in using it.

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# Herald and News FARM NEWS

## Serious Egg Shortage Seen For Pacific Coast Area By Late Next Fall

By PAUL W. HARVEY JR.  
SALEM, April 8 (AP)—Persons who like ham and eggs will likely be eating ham and no eggs next fall. Noel L. Bennion, poultryman of the OBC extension service, says eggs will be scarce over the country by next fall—and the Pacific coast will have the worst egg shortage.

The country's poultrymen don't plan to raise many new birds. Twenty per cent fewer eggs were set in March than there were a year ago. For April and May delivery, there are 40 per cent fewer chick orders booked than a year ago. And the chicks that are being hatched now will lay half the eggs next winter.

New Supply Needed  
Bennion says poultry producers must brood chicks this spring in order to take advantage of the coming egg shortage. He says a good poultryman will each year replace 75 to 100 per cent of his laying flock with a new supply of pullets. He said the recent break in feed prices and the reduced number of chicks should improve the outlook for egg producers.

Oregon used to ship a lot of eggs to other states, but the war-swollen population of the state has reversed the flow of eggs. For instance, in 1928 Oregon shipped a record 514 carloads of eggs to other states. Last year only 40 cars were moved out, and other states shipped far more than that into Oregon.

Extension Crops Specialist Rex Warren warns that 24-D spray equipment must be cleaned well before it is used for other sprays. He said many persons use 24-D, empty the gun, and then fill it up with another spray, forgetting to clean the gun. Then they use the second

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