

BULB GROWING RECOMMENDED LOCAL GROWERS

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because cost of production is an individual problem and more subject to control. The marketing conditions are influenced by many factors beyond the horticulturist's control.

He urged better methods, describing a prune orchard in Benton county with a sack count of 35, which produced 18 tons to the acre, with production cost of five cents per pound and market value of from nine to 16 cents. These trees described are 32 years old.

Pruning Urged
Regarding pruning, Mr. Long declared that this year, of all years, when the trees are ready to bear heavily, pruning will bring to cash values, increasing the vigor of the trees and the size of the prunes.

He advised that prune growers have other crops on the place since the one-crop farm means utilization of only 40 per cent of a man's labor. Combining prune growing with other crops which have a labor burden at a different season of the year, or with livestock or poultry raising was declared better, since a man may use his labor all the year round with some return.

Moisture in Soil
"To preserve the moisture in the soil, don't leave the cover crop on too long—this means earlier spring plowing or disking. Summer weed control is also important to preserve the moisture," Mr. Long said.

"To put more humus into the soil than the trees are taking out is something else to keep in mind. For this plant a cover crop in August or September. Manure or clover fertilizer, or good alfalfa, clover or vetch straws—those with high nitrogen and protein content—have also the advantage of decaying rapidly," said Mr. Long.

For nourishing the trees themselves he urged additional use of commercial fertilizers such as sulphate of ammonia, nitrate of soda or the like, used about the first of March. Phosphorus and potash bring no return in the Willamette valley, as the soil is already supplied with these.

Reduce Buds
"The average prune tree carries from 20,000 to 30,000 buds, and I advise reducing these to 5,000 or

7,000 by taking off the older, fine, useless wood, leaving the more upright branches intact. This can be done, giving about 10 or 15 minutes for each tree," Mr. Long said. In fighting pests he urged keeping the cultivators going, using a pre-blossom spray of lime-sulphur, and thinning out so that spores could not thrive in shaded portions. A good lime-sulphur spraying about a month before harvest, and treatment of root holes with parathion-chlorobenzene crystals in the late summer every two or three years were also recommended.

Report Received
The committee report, dealing with the crop outlook had little variation from former reports. Increased plantings of apples was recommended only where needed for replacements.

Pears have increased on the Pacific coast, and indications are that the upward trend will continue for some time. In view of this situation a general curtailment of planting seems desirable.

"Prices are unprofitably low for a large percentage of Oregon dried prune producers," the report on the prune outlook stated. "This is the result of increased production on the Pacific coast. This increase will probably continue until 1932 or 1933, or longer if new plantings are increased. Even lower prices are probable in the next three to five years unless growers and others interested in the industry greatly improve production methods, reduce the cost of marketing, and adopt standard grades for the product. Growers should seek to reduce costs of production materially. Poorly located, low yielding orchards should be eliminated."

In 1928 approximately 80% of the prune trees in the Pacific coast states were in full bearing. In 1928 approximately 88% were in the full bearing class and it is estimated that 95% or more of our prune trees should be in the full bearing by 1931.

"The pronounced upward trend in world output of prunes is due mostly to increased production in Oregon, California and Washington. The average world commercial production during the past three years amounted to about 500,000, 000 pounds, as against an average of 365,000,000 pounds during the three years of 1920 to 1922, an increase of 36%. Oregon has supplied a portion of this increase. Almost one-third of the increase of prunes for drying in Oregon was planted since 1920.

Prunes Too Small
"The average size of the Oregon dried prune is too small for profit. According to a nine-year average, determined by a survey made by the bureau of agricultural economics of the U. S. department of agriculture, it requires 49 average sized Oregon dried Italian prunes to make one pound. This is at least

BUDD EXPLAINS INTENTIONS OF NORTHERN ROAD

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er to state our position which is as follows: "There is an important and growing traffic between California and the northern tier of states served by the Great Northern. Since last May when the Great Northern service was extended 550 miles from Spokane, Washington, to Klamath Falls, Oregon, there has remained only 200 miles to build in order to reach the Western Pacific at or near Paxton, California, and so to establish a second north and south railway, there being only the Southern Pacific at present.

"In closing this 200 mile gap an area in northern California approximately 150 miles square which is now without any railway will be afforded such facilities. Up to Southern Pacific "As to unnecessary duplication, that is not essential to the plan and will not happen unless forced by the Southern Pacific. The proposed Great Northern line for forty miles will follow closely a grade now being built by the Southern Pacific from Klamath Falls, Oregon, to Alameda, California. The Great Northern is willing to pay half the interest charges on this line as rental and to use it jointly with the Southern Pacific when it is completed. The Southern Pacific and Great Northern are doing this very thing on all other lines and branches in the Klamath country. Only by the Southern Pacific compelling the Great Northern to build a second line paralleling its construction for forty miles will there be duplication of railway tracks.

"As to unnecessary competition, I am unalterably opposed to an excessive number of competing lines but the advantages of having two railways are well understood. All northern California has only one railway, the Southern Pacific. A country so vast should benefit from the entrance of the second line and the old, well established railway will, in my opinion, benefit rather than suffer from the resulting development."

To Meet in Reedsport
Tomorrow's program, the last of the series, will be held at Reedsport, and will be devoted entirely to dairying. The program is as follows: 10:00—"New Practices in Dairy Farm Management," N. C. Jamison, extension dairy specialist, Oregon Agricultural college.

10:45—"Cream Grading—Its Advantages to Dairymen," J. D. Mickle, state food and dairy commissioner.

12:00—"Business men's and farmers' luncheon."

1:15—"The Dairy Outlook," N. C. Jamison.

1:45—"The Dairy Program for Douglas County," J. C. Leedy, county agent.

2:00—"Formation of Contagious Abortion-Free areas," N. C. Jamison.

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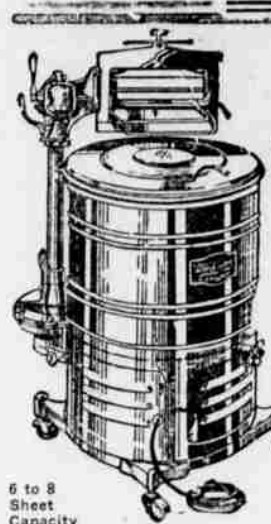
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-when your figure must be considered" *Elsie de Wolfe* Elsie de Wolfe Noted Interior Decorator

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Note: Authorities attribute the enormous increase in Cigarette smoking to the improvement in the process of Cigarette manufacture by the application of heat. It is true that during 1928, Lucky Strike Cigarettes showed a greater increase than all other Cigarettes combined. This surely confirms the public's confidence in the superiority of Lucky Strike.



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