

Horticultural Points

MAKING STRAWBERRIES SURE

Ample Supply of Moisture Is Essential During Both Growing and Fruiting Seasons.

(Prepared by the United States Department of Agriculture.)

Strawberries must have an ample supply of moisture not only during the season of bearing fruit but also throughout the growing season. For this reason irrigation is necessary to make the crop reasonably sure in most sections of the western United States.

As strawberries have a shallow root system the surface soil must be kept moist and irrigation must be more frequent than for many plants whose roots penetrate the soil deeply. The number of irrigations, however, will depend largely on the character and frequency of the tillage used in conserving moisture and on the type and condition of the soil. If the furrows are thoroughly cultivated as soon as the moisture conditions permit after each irrigation the number of applications of water can be materially reduced, as compared with the number required when cultivation is neglected. In the lighter soils, during the bearing season, the fields may be irrigated as often as every four to six days, and in heavy soils every week or two. During the months when the plants are not fruiting only enough water to keep them in a thrifty, growing condition is necessary.

During the picking period the usual practice is to irrigate immediately after each picking. When there is danger that the water in the furrows may not be absorbed before the following picking the field may be covered by two applications, alternate furrows being irrigated in turn.

In many parts of the western states the soils contain alkali, and alkaline salts are brought to the surface in such quantities as a result of irrigation that the strawberry plants are injured and even killed. Usually the first indication of alkali injury is yellowing of the leaves in the lower parts in the field. In selecting a site for a strawberry field places where the soils are known to contain alkali should be avoided.

Another limiting factor in growing strawberries in some localities in the West are nematodes, a parasite also known as eelworms and gallworms. Their effect, which is usually manifest first on the roots, is commonly called root knot, because of the knottlike enlargements they produce. Nematodes occur widely in soils where the winter climate is so mild that the ground rarely freezes more than a few inches deep, or does not freeze at all. Strawberries should not be planted in soil known to be infested with nematodes, and plants should not be used which have been grown in infested areas.



1:111 system for Strawberries as Practiced in the South is Conducive to Rapid Maturity.

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GRAPE CUTTINGS FOR FUTURE

Profitable Practice to Get Them Ready for Spring Planting—Prevent Freezing.

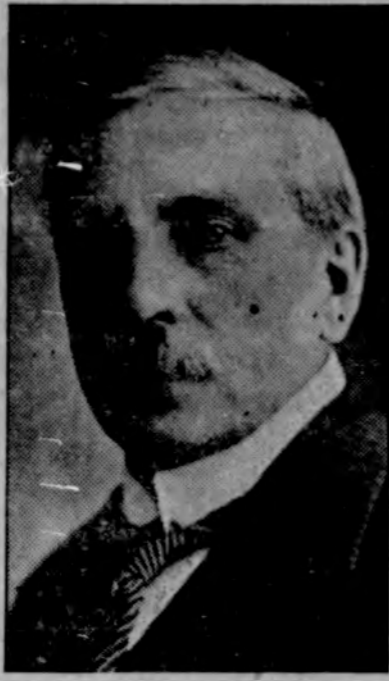
Farmers wishing to set out vineyards will profit by making grape cuttings and getting them ready for spring planting, according to horticulturists at the Ohio experiment station. A number of cuttings may be made from one vine, and after one year of cultivation in a small nursery lot the young vines are ready for planting.

Cuttings should be taken from new wood, each cutting having two to three buds upon it. The cuttings are from 8 to 12 inches long, the bottom being trimmed close to the first bud, while the top of the cutting has 2 or 3 inches of wood above the top bud.

These are tied in bundles and placed in damp sand in the cellar or buried out of doors and covered to prevent injury from severe freezing.

In the spring the cuttings are set in rows 3 feet apart and 4 inches in the row. Only the upper bud is allowed to extend above the ground, so that the other buds will develop roots.

HENRY GAINES HAWN



Henry Gaines Hawn of San Francisco, an authority on community building, is one of several speakers now touring the state in connection with the expansion movement of the Oregon State Chamber of Commerce.

The State Chamber is making a state-wide appeal for a budget of \$450,000, covering a period of three years, to carry on its development work. The movement has been endorsed by more than two hundred leading men throughout Oregon. Eighty community executive committees have been organized to co-operate with the State Chamber in the canvass throughout the state which will be conducted during June and July.

STATE CHAMBER TO EXPAND ACTIVITIES

State-wide Appeal For Budget Made to Provide For Development Program.

What is the plan of the expansion movement of the Oregon State Chamber of Commerce? How is it to be carried out? What is it for?

These are the three questions uppermost in the minds of the majority of those who have been informed of the movement which the State Chamber launched April 19th with a survey of the state to set up preliminary organization and establish a direct connection with practically every community in the thirty-six counties of Oregon.

The expansion movement by way of explanation might be divided into three distinct classes.

These are:
First—A survey of the state.
Second—An educational campaign to be carried on through local newspapers and by mailing literature pertaining to the movement direct to industries, firms and individuals interested in the development of the state.
Third—The intensive organization

work at which time a state-wide canvass will be made, county by county, to raise a budget to enable the Oregon State Chamber of Commerce to carry on its program of development work for the state on a broader, more comprehensive scale. This canvass will be made throughout the state during June and July.

This budget is to be obtained by popular subscription. The appeal will be state-wide and to everyone interested in the development of Oregon and its particular community. It is believed the response will be met by the manufacturer, the merchant, the farmer and the individual, for each is vitally interested in seeing Oregon forge ahead and develop its advantages and resources.

Industrial developments depend on two factors: Natural resources or raw materials, and proximity to markets for manufactured products. Granted these and sufficient encouragement development inevitably follows.

Oregon has the raw materials and natural resources. It will be the purpose of the State Chamber of Commerce under its expanded program to acquaint the world with these facts, and through direct solicitation, get industrial management to consider Oregon as a site for their industries.

Furniture and wool manufacture in Oregon are in their infancy. So is the canning and preserving of fruits. With its vast resources in water power, its labor market, geographical location, Oregon offers many advantages to the manufacturer who, however, must first be interested in Oregon and know its advantages.

DOUBLE POPULATION OF OREGON FARMERS STATE CHAMBER PLAN

Oregon now has 5,000,000 acres of land under cultivation. In 1919 the agricultural crop was valued at \$206,000,000.00.

By honest advertising the Oregon State Chamber of Commerce can double the agricultural acreage in three years. This would add another \$206,000,000.00 to the agricultural revenue of the State, using last year's figures as a basis of figuring.

HANDY TOOL BOX FOR GARAGE

Man Who Does Much Work at Home Can Arrange Two-Shelf Receptacle for Articles.

A useful tool box for the man who does much work about his garage may be made by constructing a two-shelf box, each shelf being V-shaped, so that the tools will not roll off. The shelves should be six or eight inches apart, so that free access is permitted.

No Wonder He's Crazy. "This poor fellow is in a terrible condition," said the visitor.

"Yes," replied the asylum attendant. "He's the most violent patient we have in this ward."

"What caused him to lose his mind?"

"He tried to figure out some way to harness the energy that was going to waste in tango parlors."—Birmingham Age-Herald.

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HERMISTON LODGE NO. 198, A. F. & A. M., meets in Masonic Hall on First Tuesday evening of each month. Visiting brethren welcome. C. W. Kellogg, Secy. A. W. Prann, W. M.

VINEYARD LODGE NO. 298, I. O. O. F., meets each Monday evening in Odd Fellows hall. Visiting members cordially invited. W. B. Longhorn, Sec. W. S. Cassidy, N. G.

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Chautauqua will be held at Stanfield, July 5, 6, 7, and 8.