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The Surest Way to Get More and Larger Industries Is to Support Those You Have

Selling Salem District is a continuation of the Salem Slogan and Pep and Progress Campaign

This campaign of publicity for community upbuilding has been made possible by the advertisements placed on these pages by our public-spirited business men—men whose untiring efforts have builded our present recognized prosperity and who are ever striving for greater and yet greater progress as the years go by.

We Will Give Our Best Efforts

At all times to assist in any possible way the development of the fruit and berry industries in this valley.

Oregon Packing Co.

Hunt Bros. Packing Company

Salem, Oregon

Quality Fruits, Proper growing, Proper packing, Intelligent selling, Courteous treatment, Community service,

Are the steps to business success

DEHYDRATED and CANNED FRUITS AND VEGETABLES

Oregon Products

King's Food Products Company

Salem—Portland—The Dalles Oregon

Gideon Stolt Co.

Manufacturers of Dependable Brand Lime-Sulphur Solution The brand you can depend on for purity and test Prices upon application Factory near corner of Summer and Mill St. Salem, Oregon

Willamette Valley Prune Association

The oldest Association in the Northwest. W. T. JENKS Secretary and Manager Trade & High St. Salem, Oregon

NELSON BROS.

Warm Air Furnaces, plumbing heating and sheet metal work, tin and gravel roofing, general jobbing in tin and galvanized iron work.

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Dixie Health Bread Ask Your Grocer

Take the Trolley

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STATESMAN PUBLISHING COMPANY

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PROF. BOUQUET ON BROCCOLI IN THE WILLAMETTE VALLEY; SPEAKS IN WORDS OF ONE HAVING AUTHORITY

He Says it Is Evident That a Crop Cannot be Expected in This District More Than Two or Three Years Out of Five—Experience of Growers in Regard to the Individual Location of Their Fields Would Form Most Helpful Data for Future Guidance

Editor Statesman:

Of the various natural factors that enter into successful broccoli growing, climate is the most important. There are thousands of acres in the western Oregon country that, from the standpoint of drainage and fertility—two all important characters—can grow good broccoli.

Old man winter, however, has been dictating of late that the soil conditions are not alone responsible for a crop, but that it is necessary that the winter temperature be high enough above zero so that the plants do not continually, night after night, have their tissue alternately frozen and thawed. Cold, driving winds, too, have played a part in reducing what once looked like a very promising patch of broccoli down to a few plants that for some protective reason or other wintered through. In other words, winter injury of Willamette valley broccoli has undoubtedly been not only widespread but in many individual fields such as to leave very little of the broccoli fit for marketing.

Clean-Up and Paint-Up

See our complete line of

Sherwin-Williams House Paints

Falls City-Salem Lumber Co.

349 So. 12th St. Phone 813 A. B. Kelsay, Mgr.

Ed. CHASTAIN CLOTHING CO.

305 State St.

Men's and Young Men's Clothing and Furnishings

Use my stairs. It pays

SALEM IRON WORKS

Established 1890

Founders, Machinists and Blacksmiths

Corner Front & State Sts. Manufacturers of the hand pump for irrigations and other purposes. Correspondence solicited. Irrigation information supplied. Makers of Salem Iron Works Drag Saws.

HOTEL BLIGH

100 rooms of Solid Comfort

A Home Away From Home

Some areas have been almost entirely frozen down, while others in a peculiarly well-protected place have been fairly free from injury.

The past winters have frankly not been very promising for broccoli wintering through well. This is admittedly so when one contrasts the present successful crop grown in the Umpqua valley, which does not suffer from a continual spell of low temperatures experienced by the northern valley.

Two or Three in Five.

It is evident that a crop cannot be expected more than two or three years out of five, and during these years there will in all probability be some injury, just as there is not liable to be a total loss during the years when no crop is counted on.

The locations of individual broccoli areas vary so much that there are growers who probably are doing better than the average named above. These will possibly continue with the crop, but it is evident that two or three successive years of a poor crop, or nothing, will bar the average grower both from the standpoint of disappointment and financial loss.

Reason, Not Pessimism.

The writer is not one in any sense to take a pessimistic view of the situation, but rather to reason out logical conclusions based on conditions as they have existed. Certainly it is true that we cannot afford to plant acreage figuring on shipping out 75 to 125 cars and have the yearly estimate reduced to a paltry 10 or 15 cars.

Ed. CHASTAIN CLOTHING CO.

305 State St.

W. W. ROSEBRAUGH CO.

Foundry and Machine Shop 17th & Oak Sts., Salem, Or. Phone 886

SALEM IRON WORKS

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Founders, Machinists and Blacksmiths

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The reduction thus caused by unprofitable broccoli areas is too great.

Where Greatest Injury.

The greatest injury so far has occurred in fields producing rather large, rank growing plants. Less injury has occurred where the plants have been of medium size and well hardened before winter.

High waters also, unlooked for, have added to the troubles of 1922-23. Where the plants collapse due to frost, mainly in the pith, hardly any feed is available to partly make up for the loss of the heads themselves. Some fields have been rankly mongrel and mixed in type, and even if no winter injury had occurred would not have produced a profitable crop.

WILLAMETTE VALLEY GROWERS WILL STAY IN THE BROCCOLI INDUSTRY

They are Buying Seed Now for the Crop They Hope to Market in February, March and April of Next Year—Stimulated by the Success of the Umpqua Valley Growers, Who are Now Harvesting Their Crop and Selling it at Good Prices

The broccoli growers of the Salem district; of the Willamette valley, are already buying their seed for the crop they hope to harvest in February, March and early April of 1924; the seed they expect to sow this spring to raise the plants to set out in their fields the coming summer.

Two or Three in Five.

There is a good deal of advice, in The Statesman of this morning to the broccoli growers of the Salem district—from most of the best informed and most successful of the Umpqua valley pioneers in the industry; from Prof. Bouquet, of the Oregon Agricultural college, the outstanding authority on broccoli on the Pacific coast; of the whole United States, for that matter.

Prof. Bouquet says our Willamette valley growers must not count on more than two or three successful crops in five. However, he says the experience of growers in regard to individual location of their fields would be most helpful. This ought to be gathered. The Statesman will be glad to give the space, if it can be gathered.

“Marion Butter” Is the Best Butter

More Cows and Better Cows is the crying need

MARION CREAMERY & PRODUCE CO.

Salem, Ore. Phone 2488

SALEM IRON WORKS

Established 1890

Founders, Machinists and Blacksmiths

HOTEL BLIGH

100 rooms of Solid Comfort

A Home Away From Home

Editor Statesman:

Owing to the fact that we are now in the midst of our broccoli harvest, it will be impossible for me to write anything for you for your broccoli number.

I believe, however, that it has not been the climatic conditions that ruined the crop in the Willamette valley this season so much as it has been due to too much water.

FROM THE MAN WHO STARTED THE BROCCOLI INDUSTRY IN OREGON

Dr. C. H. Bailey Says Broccoli Can Go Through Cold Weather as Low as 14 Degrees Above in Umpqua District and Still Have a Crop—He Advises Willamette Growers to Learn Right Locations on Their Farms

Asked for some matter on spring bee practices, C. J. McIntosh, of the department of industrial journalism of the Oregon Agricultural college, yesterday sent the following very interesting and comprehensive article to The Statesman:

Spring Bee Care Very Important

Every Fruit Grower Ought to Read This Article and Heed its Advice

Asked for some matter on spring bee practices, C. J. McIntosh, of the department of industrial journalism of the Oregon Agricultural college, yesterday sent the following very interesting and comprehensive article to The Statesman:

APPERSON ESTATE TO HELP STUDENTS

Irrecucible Fund to Loan to Students Will Grow With the Years Continually

(Following is a bulletin from the department of industrial journalism of the Oregon Agricultural college.)

Some 50 additional students may now receive training at the Oregon Agricultural college as a result of the bequest of Captain John T. Apperson, former member of the board of regents, who turned over the residue of his large estate as an educational loan fund for the use of college stu-

dent. After the special minor bequests have been deducted the remainder will be invested by the Oregon state land board, the income to be used for small loans to students who need additional funds to continue in school.

The president of the college and the state superintendent of public instruction are named in the will as the committee to determine the beneficiaries of the fund and the terms of loans. Applications will be made to this committee which will in turn make such recommendations to the land board as they see fit, and the loan will be made accordingly.

All loans and the interest accruing from them as soon as repaid will be reinvested by the land board. Should any unmet surplus interest be on hand it too is to be reinvested. Thus the fund is irrecucible and will grow larger year by year, to the benefit of an increasing number of worthy young men and women of Oregon.

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More than three-fourths of all students now in college are in some degree self-supporting. The existing loan fund is adding 312 of these students. Nearly \$68,000 has been lent since the fund was established 12 years ago, and of this sum only \$417—less than two-thirds of 1 per cent—has been lost.

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Hours 10 to 12 a.m. and 2 to 6 p.m.

brood rearing room, good wintering, swarm control and disease control.

"The standard Italian queens, bred for utility rather than color, are the best for the colony. They produce energetic workers, less subject to disease, and are more gentle to handle. After good queens have been secured they should be provided with conditions favorable for maximum brood rearing during the early spring. The queen tends to stop egg laying when the stores in the hive drop to approximately 15 pounds, and it is advisable that a surplus beyond this amount be always present."

The queen must be laying her maximum capacity during late March, explains Professor Scullen, for the workers hatched from eggs laid three weeks before fruit bloom are the bees which will do the bulk of the pollinating. For this reason a good queen with sufficient stores and favorable conditions finds the one-story, 10-frame hive too small.

SPRING BEE CARE VERY IMPORTANT

Every Fruit Grower Ought to Read This Article and Heed its Advice

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"The necessity of having all colonies strong in preference to having a large number of weak colonies, is undoubtedly the one important fact most commonly overlooked in the management of bees when kept in the orchard for pollination purposes," said H. A. Scullen, specialist in bee culture at the Oregon Agricultural college.

"The normal colony should come through winter with a working force early in February of close to 15,000 bees. In order to bring this colony's strength up to 50,000 or more by fruit bloom time several fundamental conditions are to be considered—good queens, sufficient stores, ample brood-rearing room.

Two serious diseases of the young bees, or brood, are the American foulbrood and European foulbrood. These diseases will become a source of contamination to other bees in the neighborhood if they are not promptly prevented or checked when discovered.

"In locating the bees in the orchard it is best to place them where they will not have to go over half a mile for nectar," Professor Scullen says. "They should be placed where the prevailing winds blow toward the hive, for the bees prefer to fly light against the wind and loaded with the wind. In order that the bees may take advantage of every opportunity to work on the fruit bloom during unsettled weather conditions it is advisable to have no shade over them during the period of pollinating, so they will be attracted out whenever the sun appears."

BUT DID HE BUY SEVERAL?

Bill: Did Dan kill the fatted calf when his prodigal son came home?

Sam: He was goin' to, but the boy wouldn't let him; he took the animal to the state fair and won a hat full of ribbons and sold him for enough to buy several fatted calves.—Farm Life.

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