

# The Conditions Are Ideal in the Salem District for Building Up a Tremendous Seed Growing Industry to Supply Home and General Needs in this Important Line

## THE REASONS WHY THE WILLAMETTE VALLEY IS GOOD FOR SEED PRODUCTION SCIENTIFICALLY EXPLAINED BY PROF. HYSLOP OF THE OREGON AGRICULTURAL COLLEGE

The Winter Conditions Are Mild; There is a Long, Cool, Moist Growing Season in the Spring to Produce Plump Seed; There is a Fine, Dry Harvest Period for Putting the Crops Away With Good Color and Without Injury.

Editor Statesman: I am attaching article on seed growing in the Willamette valley, as per your request of August 11. We are glad to provide material of this sort for you and could probably put it in a little better shape if you gave us a little more time for it. Very truly,

G. R. HYSLOP,  
Professor of Farm Crops,  
P. S.—C. D. Nairn, Amity, Oregon, is a successful producer of improved seed oats.  
Howard Waggoner, Harry Abahr, O. M. Peate, J. H. Wilson and W. L. Locke of Corvallis are successful growers of Purple Vetch.  
More than 25,000 acres of wheat have been certified in eastern Oregon this year.  
The Oregon Experiment Station at Corvallis is experimenting with clover, vetch, grass, wheat, oats and barley seed production. There need be no fear of over producing clover seed in the Willamette valley.

The Article of Prof Hyslop Government experts have stated that the Willamette Valley is an ideal place for wheat breeding, work, since climatic conditions are such that wheat is rarely ever lost by winter killing, by insects, by disease or by lodging, and the various wheat characters are very much more strongly emphasized than in most other sections of the United States. This seems equally true for barley, vetch, clover and grass seed.  
The wheat, oats and barley of this district are usually plump and well filled and are of excellent quality.  
Willamette valley clover seed has for years been recognized because of its plumpness, its high coloring, its good germination, and its freedom from dodder.  
While not much has been done in the line of grass seed production in the Willamette valley, it presents possibilities for a large industry when farmers become acquainted with it.  
The reasons why the Willamette valley is good for seed production are: 1. The winter conditions are mild. 2. There is a long, cool, moist growing season in the spring to produce plump seed. 3. There is a fine, dry harvest period for putting the crops away with good color and without injury.  
There is a good local demand for good pure strains of White Winter, Rink, Foise, Blue Chaff Club, Defiance and Huston wheat.  
While there is a pretty good supply of the latter varieties, there are so many fields of the other varieties that it is really difficult to secure good seed. There have been only a few acres of wheat, oats or barley certified by the College in western Oregon, as compared with thousands of acres certified in eastern Oregon each year. The general quality of eastern Oregon wheat is much freer from mixture than the average run of the western Oregon product, probably because there have been few specialists in seed wheat production. Seed barley and seed oats have received somewhat more attention, and it is possible in most cases to get good seed of the leading varieties of oats and barley without encountering a large amount of mixture.  
There is opportunity in western Oregon for growing wheat growers. One of the big assets of western Oregon is the clover seed industry. Both Red clover and Alsike clover have given good yields and there is nearly always a good market in the eastern states for all of the surplus seed.  
The advantage of the clover seed crop as a business is that it provides a good deal of pasture for stock and makes a cash yield that compares favorably with that of other crops. It will stand railway transportation for long distances. Where it is practically impos-

many had applied to leading seedsmen only to learn that as early as August contracts had been made for the following year, so that those having seed on hand could do no better than establish a seed trade of their own. In connection with seed growing, the possibilities of plant growing as a side line has wonderful possibilities. Even if one is not equipped with a greenhouse, the mild winters make it possible to grow such flowers as those first mentioned, namely the Canterbury bells, pansies and foxgloves, during winter and have for sale fine bedding clumps of them in the spring. Then, too, the demand for many of our native shrubs is very great, and the Oregon grape, now shipped by carlots to eastern cities at holiday time for decorative purposes and our wild sweet-berry brings 75 cents to the man who has his fine pictures and descriptions in his catalogue. The rhododendron and the laurel, sword ferns and dogwood are all in demand by eastern people.  
Great Possibilities. Returning to the subject of seed, there should be some mention made of the possibilities of supplying seed potatoes to the civilized world. Every kind that grows elsewhere does well here, and certainly no country can eclipse this in producing mammoth beets, squash, beans, cabbage and broccoli.  
First, of course, in importance, is the fact that we have the soil and the climate to produce first class seeds and transportation facilities that reach from the most humble hamlet to the centers of commerce. Then we have the people who know how to produce these things, and there remains but the final step to be taken and that is Market, or rather putting the grower in touch with the buyer who will finance the marketing end of the project; one who could collect, classify, advertise and market what our valley can so abundantly produce.

### NORTHERN MARION COUNTY IS A SEED DISTRICT THAT SHOULD GROW FAST

The country around Aurora and Woodburn and Hubbard, in northern Marion county, has long grown a great many onion sets for the market. Prior to 1918, Hubbard shipped an average of a million pounds a year of onion sets.  
This industry, with the growing also of onion seed, is carried on in that territory now to a large extent, and it is capable of great expansion, with the right marketing conditions.  
The farmers down that way have also been growing poppy seed for the trade, contracting with the Portland seed houses. The familiarity of many of the residents of that part of the Salem district with the production of these essential things would be a real asset in the organization of a co-operative association for the building up of a big seed industry here; as the knowing how in other lines would be of great use in such an undertaking.  
Salem Has the Largest Bulb Farm This Side of the Mississippi River  
Perhaps It Is the Largest in the Whole United States, and if Not It Aspires to Be, and Also the Best—A Million or More Tulip Bulbs This Year—The Gladioli Are Now in Bloom—Salem Is the Gladiolus City.  
(Salem has the largest bulb farm west of the Mississippi river; possible the largest in the United States or in the western hemisphere. Its proprietors, while having the western urge to make it the biggest, are more anxious to be certain that it is the best. They are getting ready to market a million or more tulip bulbs, this year's growth. They have also the narcissus bulbs in considerable quantities, and they are growing gladioli bulbs. Their gladioli are now in bloom, holding aloft their flaming torches of beauty at the bulb farm a half mile out from the Polk county end of the Willamette river bridge, on the Wallace road. The gladiolus is Salem's official flower. Salem is the Gladiolus City; the "Glad" City, for short.  
Dibble & Franklin are the prop-

rietors of Salem's great bulb farm. The editor asked W. C. Dibble to contribute something to this number of the Statesman on the advantages of Salem as a seed center, and the following is the generous response to this request.  
Statement of the Growers.  
It has been taken for granted in the United States until recently that the so-called Holland bulb could not be grown here commercially, nor anywhere except Holland.  
And so we have gone on importing \$2,000,000 worth annually and growing some \$25,000 worth. Certainly the bulb was not the "head and front" of our offending.  
And this despite the fact that  
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### RAISE SEVERAL VARIETIES OF NUTS AND FRUITS FOR THE SUREST SUCCESS

That is, if You Produce Each One in Commercial Quantities—There Are Many Advantages in This Method, Which Are Plainly Set Out by a Man Who Has Made a Study of the Subject and Who Practices What He Preaches.

(Knight Peary, a member of the firm of Peary Bros., who plant and develop fruit, nut and berry farms, writes the following for this issue of The Statesman. The office of Peary Bros. is in the Oregon building, Salem.)  
A few years ago the tendency among fruit growers was to specialize. We had apple specialists, pear specialists, loganberry specialists and specialists in other lines of fruit growing. The theory was that the fellow who devoted his full time to the study of apple growing and who equipped himself to handle apples exclusively would be able to produce this fruit better and more cheaply than the fellow who had to give his attention to several different crops and who had to buy equipment to handle each particular crop.  
However, it developed that, despite his superior skill and excellent equipment, the apple grower often found himself with a short crop of fruit due to frost or other causes, and the prune specialist found that, even though he could grow more pounds of fruit per acre than could his neighbor who diversified his crops, still untimely rains would crack his fruit as badly as that of his neighbor. The cherry grower likewise found that he had his good and bad years and the peach man found that frosts or hot spells or labor shortages would often destroy the profits  
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### HALF TO THREE-QUARTERS OF MILLION DOLLARS FOR OUR CROP OF CLOVER SEED

This Is the Only Section of the United States Where It Has Proven Profitable to Grow Vetches for Seed, and We Have Here the Natural Conditions for a Great Seed Industry.

Here are some of the high lights of the Salem district as a seed center:  
This district will ship 75 to 85 cars of clover seed this year; the price being from 10 to 14 cents a pound; and this will bring to our farmers \$500,000 to \$750,000 of new money, to stimulate the channels of trade here.  
Western Oregon is the only section of the United States where it has proven profitable to grow vetches for seed.  
California wants all the certified potato seed our farmers can send; and there is a demand for Oregon grown potatoes for seed  
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### A GREAT AND A PROFITABLE SEED INDUSTRY MAY BE BUILT UP HERE

Luther J. Chapin, Former Agriculturist for Marion County, Says the Natural Conditions Obtaining in This Section Warrant the Production Here of Flower and Garden Seeds as Well as Grain and Grass Seeds in Large Quantities.

Luther J. Chapin is one of the best posted men in this section on our possibilities in the production of crops of all kinds. He was formerly agriculturist for Marion county. As chairman of the agricultural committee of the Salem Commercial club, he keeps in touch with every section of our farming districts. In an interview solicited by a Statesman reporter yesterday, Mr. Chapin spoke as follows:  
"Oregon has been known usually as a grower of field seeds, especially of clover, alfalfa and vetches, but grows to perfection many kinds of seeds.  
"I might mention that in various parts of the state there have been grown and are now grown many varieties of garden seeds, especially cabbage, kale, carrots, turnips, rutabagas, cauliflower, broccoli, radishes, peas, beans, etc.  
"The most valuable crop has been the clovers; the Willamette valley producing the finest clover seed grown in the United States.  
"The varieties grown in the valley are the medium red and alsike clover, with some White Dutch clover in a small way.  
"The crop of clover seed has usually brought annually hundreds of thousands of dollars to the farmers, not to speak of the larger crops made possible by the growing of clover which alone has proven the best fertilizer and land builder that it is possible to obtain.  
"Good Crop This Year.  
"On account of the extreme high price of grains, clover was somewhat neglected during the war; but the up to date farmer realizes that he must grow clover if he is going to keep his land in condition to pay him.  
"This year, the clover crop is good. We will ship from this district 75 to 85 cars of clover seed this year; the prices are 10 to 14 cents a pound; and so there will be \$500,000 to \$750,000 of new money paid to our farmers, for this product alone, which will be quite a stimulus in all the channels of trade.  
"Eastern Oregon is now producing large amounts of alfalfa seed, and the next few years will show a large increase in this very valuable crop as the new districts are developed.  
"An Exclusive Field.  
"Western Oregon is the only place in the United States where it has proven profitable to grow vetches for seed, and the seed has been shipped all this country from Oregon in the last few years.  
"California has been depending entirely on our crop for her supply, and a number of cars have gone to New York, Maryland, Texas and various points to supply the needs of these localities.  
"Vetch has the same fertilizer values to land as clover, and as a cover crop is not excelled by any other green crop.  
"A new vetch, originating in Europe, called the Purple vetch, is being used in California, mostly for fertilizing purposes, and Willamette valley farmers are growing the seed for the California people; about 100 cars being in this clover this year in the Salem district.  
"Timothy is not grown in the valley for seed, but in various parts of eastern Oregon is proving a profitable crop.  
"Sweet clover is also being grown in a big money maker.  
"The different coast counties have soil and climate suitable for growing the various root crops, like carrots, turnips, rutabagas and radishes and produce a large crop of the very finest seed, and within a short time supply large amounts—as soon as the business is gone into in a commercial way.  
"This section now is growing cabbage and cauliflower seed, and experts pronounce it the best section of the United States for these vegetables.  
"Several of the large seed houses have been growing garden seeds in the valley under contract, and with good results.  
"Certified Potato Seed.  
"Both the valleys of western Oregon and the irrigated sections of eastern Oregon grow a very high grade potato that brings a large premium for seed purposes.  
"Quite a number of farmers and growers are getting into the business of raising certified stock, and in a few years will be able to supply a large trade with exceptionally fine seed potatoes.  
"Recently a few large dealers have been planting large acreages with the special purpose of supplying the California demand, which insists on Oregon grown stock, if it is possible to obtain any, and is willing to pay a good premium over other sections for our potatoes.  
"The Oregon Agricultural college is doing a great deal to encourage this branch of the seed industry, and directions are freely given—and that institution has developed a system of potato seed certification which is bound to add much wealth to Oregon for seed potatoes sold, to say nothing of the rapidly increasing production of potatoes in this state.  
"Pays to Select Seed  
"Many growers are now realizing that it pays to select their grain and corn, and are paying special attention to improving the seed stock.  
"It has been usually the custom to sow any old grain that they might have and never even clean out the weeds, but they find that it pays them to select the finest grain that they can obtain in their fields and have it well graded and cleaned.  
"From a number of tests that I have known of, the farmers doing so have been able to increase  
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### A BUMPER CROP OF WALNUTS WILL BE HARVESTED IN THIS DISTRICT

This Will Give an Impetus to More Planting, Which It Should—The Walnut Enthusiasts of the Western Walnut Association to Have Their Regular Tour Soon.

The prospects of a very large walnut crop in the Salem district this year are bright.  
Knight and Harry Peary of Peary Bros., Salem, contracting and consulting horticulturists, took a run through part of the nut orchards of Yamhill and Washington counties last week. They found that the trees which are being taken care of are recovering from the effects of the big freeze of winter before last in nice shape, in those sections where the freeze hit. They think there will be a revival of interest in walnut growing after this harvest. The effects of the freeze caused a slackening of planting, but it will probably increase again now, although a little more care will be taken in selecting sites.  
In the Chas. Truitt orchard at Dundee they found a beautiful crop. He will harvest perhaps 25 tons of nuts this year. Here, too, they found the only real crop of prunes which they have seen this year. On a twenty-acre tract of nine-year-old trees he will harvest close to two tons per acre.  
He also had a good crop last year. It is an interesting fact that in all the orchards surrounding this tract and tracts which had the very same climatic conditions to meet, there is a light crop and this one orchard has a heavy one.  
Should Yield More.  
Knight Peary says: "Our ton to the acre average in the Salem prune belt is too low. In other sections they are doing better. In Washington county and in Douglas county the better orchards run two tons with considerable regularity, and some of our Salem orchards do the same. Most of the rest should, with an improvement in handling."  
The annual summer tour of the Western Walnut association will take place Sept. 1 and 2 this year. The present plans include Salem as one of the towns on the tour, with a good chance that the night will be spent here. On this tour usually 15 to 30 auto loads of enthusiasts spend two days visiting the best orchards in the country.

### FROM A TO Z WE CAN PRODUCE ALL THE SEEDS IN THE WHOLE CATALOGUE

It Only Remains for the Marketing End of the Industry to Be Given Proper Form, With Capital or Cooperation—Much Interest in Our Native Flowers and Trees and Shrubs.

(The following very well written article was furnished for this Salem slogan issue by Miss Ella McMan, Route 8, Salem, Oregon, who has given a great deal of study and care to the native Oregon trees and shrubs and flowers.)  
Beginning with "A" for artichoke or asparagus, clear down through all the vegetable kingdom to "Z" for Zinnia, there is not a fruit, flower or vegetable in the entire seed catalogue that we cannot raise in the Willamette valley, and except with the late maturing varieties, are also enabled to raise seed. But it must not be thought that a bitter, biting winter sets in early and stops growth on late varieties, for exactly opposite conditions prevent us from curing late seed. It is the warm, gentle, and sparkling weather, with rain after a period of dryness, that causes vegetation to take on new life and a second growth or second crop of the vegetable instead of cured seed.  
However these varieties may be duplicated by earlier ones and so complete our vegetable alphabet. The dryness of our summers dur-

### DATES OF SLOGANS IN DAILY STATESMAN (In Twice-a-Week Statesman Following Day)

- Loganberries, Oct. 7.
- Fruites, Oct. 14.
- Dairying, Oct. 21.
- Flax, Oct. 28.
- Filberts, Nov. 4.
- Walnuts, Nov. 11.
- Strawberries, Nov. 18.
- Apples, Nov. 25.
- Raspberries, Dec. 2.
- Mint, Dec. 9.
- Great cows, Dec. 16.
- Blackberries, Dec. 23.
- Cherries, Dec. 30.
- Pears, Jan. 6, 1922.
- Gooseberries and Currants, Jan. 13.
- Corn, Jan. 20.
- Celery, Jan. 27.
- Spinach, Feb. 3.
- Onions, Feb. 10.
- Potatoes, Feb. 17.
- Bees, Feb. 24.
- Mining, March 2.
- Goats, March 9.
- Beans, March 17.
- Patrols, March 24.
- Broccoli, March 31.
- Shoes, April 7.
- Legumes, April 14.
- Apricots, April 21.
- Grapes, April 28.
- Drug Garden, May 5.
- Sugar beets, May 12.
- Sorghum, May 19.
- Cabbage, May 26.
- Poultry and Pet Stock, June 2.
- Land, June 9.
- Dehydration, June 16.
- Hops, June 23.
- Wholesale and Jobbing, June 30.
- Cucumbers, July 7.
- Hogs, July 14.
- City Beautiful, flowers and bulbs, July 21.
- Schools, July 28.
- Sheep, Aug. 4.
- National Advertising, Aug. 11.
- Seeds, Aug. 18.
- Livestock, Aug. 25.
- Automotive Industry, Sept. 1.
- Grain and Grain Products, Sept. 8.
- Manufacturing, Sept. 15.
- Woodworking and other things, Sept. 22.
- Paper Mill, Sept. 29.

### OREGON MOHAIR GOAT ASSOCIATION SECRETARY APPRECIATES STATESMAN

"A goat on every acre of brush" is the slogan of the Oregon Mohair Goat association, of which Richard G. Scott of Sherwood, Oregon, is secretary. Under date of August 7, Mr. Scott wrote as follows:  
"Oregon Statesman, Salem, Oregon, Gentlemen: It has come to my attention since becoming secretary of this association that you published a special edition of your paper on March 20, 1920, devoted to the Angora goat industry.  
"You are certainly to be congratulated in thus giving publicity to one of the most important kinds of livestock, and the least appreciated. I shall call the attention of the other newspapers of the state to your action and suggest that they do likewise. I think you fully realize that in order to make room for more settlers we must get rid of the brush which now encumbers a large portion of our farms. I am hoping that you will make it a point to give your readers news about the goat business from time to time. Would you be interested in getting original first hand articles from me once in a while?"  
The Salem Statesman editor wishes to thank Mr. Scott and to say that the Statesman will be glad to continue to publish all the interesting and helpful matter it can get in regard to the goat industry.

### SEEDS

We buy and sell all kinds of seeds grown in this state having a large wholesale trade as well as a good retail business.  
We carry in stock all the varieties that are suitable for the Pacific coast and are in a position to fill all orders promptly.  
Mail orders are given prompt attention and we ship to all parts of the United States.  
We give especial attention to Seed Grains, Clover seed, Vetch seed, and the different Grass seeds as well as a full line of Garden seeds.  
Send for list when in the market as you will find it to your interest to do so. All seeds are thoroughly cleaned and graded and comply with the various State Seed laws of the different states.  
**D. A. WHITE & SONS**  
Wholesale and Retail Seedsmen,  
SALEM, OREGON