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DRUG GARDEN PROGRAM GAINS HEADWAY

For nine long years, in season and out, this newspaper has hammered upon the idea that the Salem district, and the Willamette valley, should build up a great crude drug industry—

And this is the ninth annual Slogan number devoted to that campaign—

And the idea has gained headway steadily, though it was discouragingly slow to take hold at first. The future of the campaign looks bright.

We are to have a full fledged peppermint oil refinery in Salem this year, in time for mint harvest.

This will open up the way for experimenting with all the essential oils; some 60 of them that are adapted to our section; that will do better under our conditions of soil and sunshine and showers than they can be made to do in any other section of this country. This will mean millions piled on millions annually in good time here. It means the development of one of the greatest of our many great resources.

The Oregon Agricultural college must have an experimental crude drug garden. It is coming. The idea is taking firm hold.

We need leaders to organize the crude drug industry here.

"Oregon must eventually become the drug garden of the world!" That is not the idle assertion of a mere tyro or an idle dreamer. It is the statement of one of the leading authorities of Oregon, Prof. F. A. Gilfillan, assistant professor of pharmacy, of the Oregon Agricultural college.

We lead in mint growing now; making peppermint oil of the highest quality produced in this country, and the greatest number of pounds to the acre, and on the cheapest lands; thus having the lowest overhead—

And we lead in cascara bark; and we can lead in a long list of articles. Says the same authority:

"In Oregon, more than anywhere else in the world is found that happy combination of soil and climatic conditions which is productive of best results in drug cultivation."

Salem is now the crude drug center of Oregon, and is constantly increasing its lead as such; especially on account of the growth of the mint industry, which is more marked in Marion county than elsewhere in this state.

Salem has long been the center of the cascara sagrada trade for Oregon, largely through the operation of Daniel J.

Dates of Slogans in Oregon Statesman

(With a few possible changes)

Loganberries, October 6, 1927
Prunes, October 13
Dairying, October 20
Flax, October 27
Filberts, November 3
Walnuts, November 10
Strawberries, November 17
Apples, Figs, Etc., Nov. 24
Raspberries, December 1
Mint, December 8
Beans, Etc., December 15
Blackberries, December 22
Cherries, December 29
Pears, January 5, 1928
Gooseberries, January 12
Corn, January 19
Celery, January 28
Spinach, Etc., February 5
Onions, Etc., February 12
Potatoes, Etc., February 19
Bees, February 26
Poultry and Pet Stock, Mar. 4
City Beautiful, Etc., March 11
Great Cows, March 18
Paved Highways, March 25
Head Lettuce, April 1
Silos, Etc., April 8
Legumes, April 15
Asparagus, Etc., April 22

Grapes, Etc., April 29
Drug Garden, May 6
Sugar Industry, May 13
Water Powers, May 20
Irrigation, May 27
Mining, June 3
Land, Irrigation, Etc., June 10
Floriculture, June 17
Hops, Cabbage, Etc., June 24
Wholesaling, Jobbing, July 1
Cucumbers, Etc., July 8
Hogs July 15
Goats, July 22
Schools, July 29
Sheep, August 5
Seeds, August 12
National Advertising, Aug. 19
Livestock, August 26
Grain & Grain Products, Sept. 2
Manufacturing, Sept. 9
Woodworking, Etc., Sept. 16
Automotive Industries, Sept. 23
Paper Mills, Sept. 30

(Back copies of the Thursday edition of The Daily Oregon Statesman are on hand. They are for sale at 10 cents each, mailed to any address. Current topics 5 cents.

Fry, the Salem druggist, who is also a large buyer of balsam fir and Oregon grape and other crude drugs.

There should be a crude drug garden on every one of our farms. Prof. A. Ziefle, dean of the school of pharmacy of the Oregon Agricultural College, has asserted repeatedly that this district can produce crude drugs at one-tenth the expense and with twice the yield of Michigan and Minnesota growers, where the great crude drug gardens of this country are located. That is a broad and encouraging statement—

And the wonder is that this promising field has not already attracted more attention. The industry might be organized cooperatively, taking in many growers, inducing different growers to produce the drug crops best adapted to their soils and conditions.

With such outstanding advantages, this district must become a great crude drug center in time. It will be following the lines of least resistance; doing the things we can do better than other sections—all leading to great and permanent prosperity.

Prof. R. H. Lewton, assistant professor of pharmacy of the Oregon Agricultural college last year added his testimony to the possibility of great development in this line in this field, with the creation among our people of the right kind of an attitude, or complex, towards the practicability of it.

There is still another college authority to add to the list, as the reader will find in this issue, with a comprehensive and interesting article.

THE STATE MARKET AGENT'S BULLETIN

Tells About the New Crude Drug Bulletin of the Federal Government

(The following paragraphs are taken from the current weekly bulletin of the Oregon State Market agent:)

Oregon Celery Superior

A new Labish Celery Growers' Co-operative association has been formed in that celebrated section of beaverdam land a few miles north of Salem. It is composed of seventeen growers, handling about 116 acres, with an expected annual output of 250 carloads of celery. The old association in the neighborhood remains in existence, with about the same production. That district sold celery in thirty states last year, one of the growers says in the Salem Statesman. The Oregon celery, because of its superior quality, commands the top price in the markets of the country.

Growing of Drug Plants

The growing of drug plants for commercial purposes in western Oregon has been suggested as a profitable enterprise and the U. S. department of agriculture has prepared an exhaustive bulletin on the subject, bulletin No. 663, which can be procured on application to the department at Washington by any who may be interested. It is surprising how many such plants, well known to the average person, some known only as weeds, which can be made a commercial product.

Strong Committee Named

The Oregon Co-operative Council, composed of agricultural co-operative marketing agencies in this state, has appointed the following legislative committee: R. A. Ward, general manager of the Pacific co-operative Wool Growers; Seymour Jones, state market agent; V. C. Follenius, manager of the Apple Growers' association, Hood River; H. M. Boney, manager of the Eugene Farmers' creamery; and E. J. Dixon, manager of the Pacific Co-operative Poultry Producers, Portland.

Retire the Roosters

The Eggsaminer, official publication of the Pacific Co-operative Poultry Producers, advises the retirement of the roosters from among hens that are laying eggs for commerce and not for hatch-

ing. "The economic necessity for this move is little realized by the average poultry raiser," says the paper, "but it is an established fact that there is an appalling loss each year from spoilage of fertile eggs, particularly during the summer months."

Wheat Prices Stiffened.

The wheat market has been greatly stiffened the past few days by reports of serious crop damage in various parts of this country and also in Europe. A latest report is that "indications are for the shortest winter wheat crop in recent years;" also "in the spring wheat sections of the northwest, cold weather has delayed seeding and has damaged early seeded plants." The market has assumed a strong bullish condition as a result of reported prospects.

Not a Profitable Scheme

The Portland Better Business Bureau warns farmers against banking too much on the success of mulberry trees for the purpose of raising cocoons for silk manufacture. The bureau tells that they will be simply "out of luck" if they expect to cash in a profitable way on the scheme.

Some farmers experience trouble with hens eating their own eggs. An easy and effective way of stopping this is to darken the nests so that hens do not see the eggs after they are laid. The nests should be built near the wall of the poultry house but far enough out to allow the hen to enter from the back. The front is then boarded up, hingeing one board to make an opening through which to gather the eggs.

Any condition which subjects fowls to a sudden and marked change in temperature is likely to result in colds, which later develop into roup, if severe, says the poultry pathologist at the O. A. C. experiment station. Some of these factors are over crowding on the roost, roosting in drafty or insufficiently ventilated quarters, or undue general exposure.

Stock carrots are being grown for dairy feed more in those areas where there is difficulty in raising beets. Yields are high and the stock carrots have as good a feed value as mangels.

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MANY HINTS FOR CABBAGE PATCH

Late April or early May is the usual time to make seed beds of fall cabbage, cauliflower, coll or kale in outdoor garden to have plants for transplanting during early June and July. In some cases the sowing is postponed until late May or June. From five and a half to seven weeks are required for seeding to transplanting time. Seed is sown by means of a hand drill fairly thin in the soil to allow 12 to 18 plants per foot in rows 18 to 24 inches apart. The seed is small, a thin covering of soil is sufficient. Costs are since about three ounces of seed will produce enough plants for one acre.

Plants of the cabbage family are subject to the ravages of certain insects, root maggots, aphids and green worms causing the most damage. Maggots are controlled either by screening the bed with cheese cloth or by applying a solution of corrosive sublimate or bichloride of mercury as soon as the young plants are above ground, says the Oregon Agricultural college experiment station. Treatment is repeated twice when necessary. Lice and green worms are readily controlled by dusting the plants with a combination of nicotine and arsenate of lead.

Common varieties used in seed beds are late cabbage, Danish ball-head; cauliflower, various strains of Snowball; broccoli, Saint Valentine and kale; dwarf or tall Scotch curled. Commercial growers of these varieties realize the importance of finding the best strains. Good seed and proved varieties are essential to best results. Spring rains will help germination unless too much falls, which may uncover or wash out the seeds.

Soaking salt fish in sour milk before cooking it will bring out the delicate flavor.

Liquid skim milk is good for young chicks.

Otto F. Zwicker, Prop. Phone 1154
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