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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 prosperity. 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; riking peppermint oil of the highest quality produced in the 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 producitve of best results in drug cultivation."

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 dif- some cases the sowing ferent growers to produce the drug crops best adapted to their soils and conditions.

With such outsanding advantages, this district must be seeding to transplanting time come 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

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

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



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 a, sociation 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 1 if they expect to cash in a profitthirty states last year, one of the able way on the scheme. 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.

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 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 re-

sult of reported prospects. Not a Profitable Scheme

The Portland Better Business Bureau warns farmers against banking too much an the success of mulberry trees for the purpose or raising cocoons for silk manufacture. The bureau tells that they will be simply "out of luck"



Late April or early usual time to make ser of fall cabbage, cauliflow coli or kale in outdoor to to have plants for tranduring early June and J postponed until late May June. From five and a seven weeks are required

Seed is sown by means hand drill fairly thin in the to allow 12 to 18 plants per in rows 18 to 24 inches apart the seed is small, a thin covery. of soil is sufficient. Costs are since about three ounces of will produce enough plants one acre.

Plants of the cabbage family are subject to the ravages of or: tain insects, root maggots, aphia 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 each year from spoilage of fertile plants with a combination of nicotine and arsenate of lead.

Common varieties used in seed beds are late cabbage, Danish ballhead; 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 mut the delicate flavor.

Liquid skim milk is good for young chicks.



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 Ore-

gon Statesman are on hand. They are for sale at 10 cents each, mailed to any address. Current topics 5 cents.

Strong Committee Named

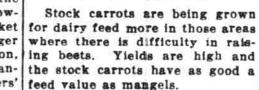
The Oregon Co-operative Council. composed of agricultural cooperative marketing agencies in this state, has appointed the following legislative committee: R. A. Ward, general manager of the Pacific co-operative Wool Growers: Seymour Jones, state market agent; V. C. Follenius, manager of the Apple Growers' 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**

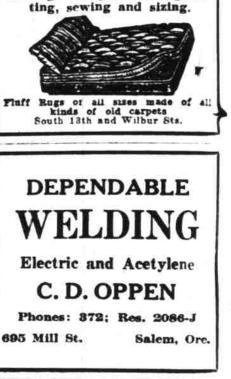
The Eggsaminer, official publication of the Pacific Co-operative Poultry Producers, advises the retirement of the roosters from among hens that are laying eggs for commerce and not for hatch-

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.







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