

The Slogan Pages Are Yours; Aid In Making Them Helpful to Your Wonderful City and Section

SALEM DISTRICT INDUSTRIES

SEVENTH CONSECUTIVE YEAR

THE DAILY STATESMAN dedicates two or more pages each week in the interests of one of the fifty-two to a hundred basic industries of the Salem district. Letters and articles from people with vision are solicited. This is your page. Help make Salem grow.

HOW TO GROW AND MARKET SPINACH, AS DIRECTED BY THE OAC BULLETIN

This Important Vegetable in the Dietary Will Allow a System of Two or Three Crops on the Same Land Each Year—Is a Good Dehydration or Canning Crop, and a Good Greenhouse Vegetable to Substitute for Lettuce

(Following are excerpts from Circular 153 of the Oregon Agricultural college on "Spinach Growing and Marketing," the author being Prof. A. G. B. Bouquet and the date being February, 1923.)

Spinach is one of the most important vegetables grown for "greens," being of particular value during the spring, the fore part of the summer, fall and winter.

There has been a considerable increase in the demand for this vegetable during the past few years. If fresh, large, clean and dark green spinach is offered on the market, there is a tendency to increase the consumption. Dehydrators demand this crop quite largely, as it makes a very fine vegetable for drying.

Spinach is valuable for an intensive farm garden in that it can be used as a first crop, preceding late vegetables, such as celery, late cabbage, cauliflower, late beans, fall lettuce, etc., or it can follow as a fall crop such vegetables as are removed from the ground by August 1 to September 1.

Climatic Conditions. Spinach is not adapted to hot weather conditions. It has a tendency to run to seed very quickly during warm weather. Climatic conditions in western Oregon are ideal for spinach growing, and wherever cool, moist weather prevails, the best quality of spinach will be produced.

Soils. There are a variety of soils which can produce satisfactory crops of spinach. Probably the largest yields are being obtained from soils which have an abundance of humus in them, such as the muck or beaverdam soil. Rich, sandy loams are also valuable in that they can be planted early and make a good soil for an early crop, to be followed by another vegetable later in the season. Any soil which grows spinach must be one that can be pulverized to a fine degree so that proper seedling may be made. The essential characters of any soil for spinach are abundance of organic matter and freedom from clods, or ability to be finely pulverized. The fall and winter crops must be grown on well drained ground. Land that is not normally well drained cannot be planted until some time during April, which often times brings the crop into a period of hot weather which is not suitable to it.

Preparation of the Ground. In much as all spinach is grown from seed and sown with a hand drill, it is necessary to have a fine well pulverized and smooth seed bed. In order to obtain a good even stand of plants, the land must be free from clods and finely worked down.

Manure and Fertilizers. The extent to which a spinach field will yield in tons is largely dependent on the amount of organic matter in the soil, or on the supply of manure which may be available. If fine, rotted manure is on hand, it should be applied in the spring and thoroughly worked into the ground. If manure is somewhat scarce, a light coating will be better than none. Manure should also be applied preparatory to seeding the fall crop.

During the final preparation of the soil with the spike harrow and planter, an application of 150 pounds of nitrate of soda may be made, or as an alternative, 600 to 800 pounds of tankage.

Varieties. There are a number of varieties of spinach, differing in the shape and color of the leaves, also the crinkly nature of the same. Probably the most widely used variety is the Victoria, having a deep green, pointed foliage; also Thick Leaf with a round thick leaf of rich green color. Another variety which is sometimes used is the Savoyed which has crinkly dark colored green leaves. The variety Long Standing is also used by growers who are producing this crop for the cannery or dehydrator.

From tests which have been made it is very evident that there is a great difference in the producing power of different strains of spinach of the same variety and therefore one must not only endeavor to choose a suitable variety but also to obtain a high yielding strain of seed.

Value of the Crop. Dehydrators and canneries usually offer a price of about \$30 per ton. The average market price in cities, etc., varies from 5 to 12c per pound, depending largely on the season and the availability of the crop. Being a short season vegetable, one must figure that the land can be utilized soon after the removal of the spinach for another vegetable, thus making it possible to double-crop the ground during the season.

Use As a Greenhouse Crop. Trials in the growing of spinach as a substitute crop for leaf lettuce in a greenhouse, have shown that this is one of the best vegetables that can be produced during the fall, winter, and early part of the spring. It makes a rapid growth of fine, vigorous, dark green leaves and soils readily on the market during the seasons above mentioned at an average price of 10 cents a pound.

The First Prize Article This Week

(There was carried on the first page last week the following statement: The Statesman will pay \$5 a week, till further notice, to the high school or grade school boy or girl in Marion or Polk county who submits the best article on the current week's Slogan subject. See subjects on Slogan pages. Articles must be in by Sunday of the week of the Slogan subject. All articles submitted to belong to The Statesman. The editor to judge as to the best, in deciding on the one to receive the \$5. Perhaps other prizes will be arranged later. Let every teacher take notice. This is a great opportunity to make the growing generation acquainted with the many and great advantages of this district.)

This Week's Prize Article

(In compliance with the foregoing offer, the following letter is awarded the \$5 prize for this week:)

"The Slogan Editor The Statesman—Dear Sir:—This week's Slogan being spinach is a reminder that the spinach season will soon be upon us before we know it. There are untold opportunities for the farmer or truck grower in the vicinity of Salem for the raising of this early crop; being such an early crop insures the high prices that all early crops bring, and Salem having the mild moist climate is ideal for this one crop; the soil, too, is made just right near here for money making in this line. Another thing, Salem has one dehydrated plant and numerous canneries which will no doubt take up the marketing of spinach if it should be raised in quantities to justify this; but the thing to do to make this interesting as well as profitable is to organize and get the thing going. If a company of people will try this, they will no doubt have some pleasant surprises in store for them. They can gain much knowledge on this and other crops by following The Statesman.

"JEAN L. GRAHAM.

"Parrish, 8th Grade, Salem, Oregon.
P. O. Box 209, Jan. 29, 1927."

(The time is extended to Tuesday noon for competing articles to reach the Statesman office.)

SALEM-DALLAS HIGHWAY IMPROVEMENT IS TAKING ON DEFINITE PLANS OF WORK

There Are Prizes to Be Offered for the Most Artistic Mail Boxes Along the Route—Experts Will Go Over the Route February Tenth, After Which Property Owners Will Be Called to Consider the Ideas for Making a Beautiful Highway

(The following letter from Winnie Braden, manager of the Dallas Chamber of Commerce, has some matters of great interest to the people of this state, and especially to those who live in Salem and Dallas and along the paved state highway between the shore towns of Marion and Polk counties.)

The directors of the Dallas Chamber of Commerce feel that greater results could be achieved if the membership concentrated upon a few objectives and for that reason the usual number of standing committees have not been appointed but each director has been placed in charge of a department as follows:

Maurice Dalton—Manufacturing.
H. G. Black—Commerce and Marketing.

Oscar Hayter—Legislative.
Lomer Ralston—Transportation.
Conrad Starlin—Raw Products.
J. R. Allgood—Membership.
Eugene Hayter—Finance.
Earle Richardson—Promotion and Publicity.

Left Finest—Monday Forum Luncheon programs.
C. B. Lundberg—Civic.
The committee sub-divisions of these departments will be appointed as the need of such committee arises, and each director has been instructed to call to his assistance a committee from the membership when needed. In this way the personnel of the committees may change in order to carry on the work more effectively.

The following members were appointed to represent the Dallas Chamber of Commerce on the County Federation club: H. G. Black, commerce and marketing; N. L. Guy, roads; W. L. Soehren, agriculture; Eugene Hayter, animal husbandry; E. J. Page, director and member of county agent's committee; Lomer Ralston, boys and girls club work; Judge Hawkins, public welfare.

Dallas-Salem Highway.

The Hawthorne Highway committee, Oscar Hayter, chairman, is making considerable progress toward plans for beautifying the Dallas-Salem highway. C. P. Keyser, superintendent of Portland city parks, who went over the route with the joint committee of the Dallas and Salem chambers of commerce, will go over the route with a landscape architect on February 10th, after which time a meeting will be held in Rickreall to which all property owners and residents along the route will be invited to study Mr. Keyser's report.

Full cooperation is being given this committee by the state highway department. F. D. Eason, resident engineer, who is an ex-officio member of the committee, is lending every assistance.

Artistic Mail Box.

Considerable interest has been aroused in the prizes offered for the most artistic mail box to be erected along the route. The

route has been divided at the Moulson bridge, the Salem Chamber of Commerce taking the east section and the Dallas Chamber of commerce, the west. Prizes of \$5 for first and \$2.50 for second are being offered. Manufacturers of articles of wood, concrete and iron have been asked to submit samples of "artistic mail boxes" and the school of architecture of OAC has been invited to submit drawings and designs. Prizes will be awarded on May 1, thus giving every box holder an opportunity to put up a mail box that will help beautify the route and not mar the scenery as they now do.

In this the highway department is lending its support, and a letter from Mr. Eason states that these boxes should be placed from six to 10 feet from the edge of the pavement to enable the mail carrier to drive off the pavement, and that the department will see that there is sufficient gravel provided to enable the carrier to reach the boxes.

—WINNIE BRADEN.

IN BEE KEEPING FOUR ESSENTIALS

If All Are Complied With, a Good Honey Crop Is Very Certain

Four conditions necessary to a honey crop in Oregon, according to H. A. Scullen, of the experiment station, Oregon Agricultural college, are as follows:

1. Suitable weather conditions for the bees to work when the main honey flow is on.
2. Honey-producing plants secreting nectar in abundance.
3. A strong force of worker bees—25,000 to 100,000—at the beginning of the honey flow.
4. The colony devoting its entire attention to gathering nectar and storing honey rather than to swarming. In other words the stinging instinct rather than the swarming instinct is dominant.

If any one of these four conditions is not present the honey crop will be less than maximum. If all four conditions are present nothing can keep the beekeeper from getting a good crop, outside of his own failure to put on the supers.

"Unfortunately—or possibly fortunately—the beekeeper has no control over the first condition," says Professor Scullen. "He can control the second only by moving to a better location, or by encouraging, to a limited extent, the growth of certain plants."

"His entire management throughout the year, with the exception of swarm control, is with one object in view—that of attaining the third foregoing condition. This obviously includes such manipulations as disease control, wintering, queen management, and all other factors that aid in permitting the colony to work at its best from the end of

Dates of Slogans in Daily Statesman

(In Weekly Statesman)

- (With a few possible changes)
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| Loganberries, October 7, 1926 | Drug Garden, May 6 |
| Prunes, October 14 | Sugar Beets, Sorghum, Etc., May 13, 1927 |
| Dairying, October 21 | Water Powers, May 20 |
| Flax, October 28 | Mining, June 3 |
| Filberts, November 4 | Land, Irrigation, Etc., June 10 |
| Walnuts, November 11 | Floriculture, June 17 |
| Strawberries, November 18 | Hops, Cabbage, Etc., June 24 |
| Apples, November 25 | Wholesaling and Jobbing, July 1 |
| Raspberries, December 2 | Cucumbers, Etc., July 8 |
| Mint, December 9 | Goats, July 23 |
| Beans, Etc., December 16 | Schools, Etc., July 29 |
| Blackberries, December 23 | Sheep, Aug. 5 |
| Cherries, December 30 | National Advertising, Aug. 12 |
| Pears, January 6, 1927 | Livestock, August 26 |
| Gooseberries, January 13 | Grain and Grain Products, Sept. 2 |
| Corn, January 20 | Manufacturing, September 9 |
| Celery, January 27 | Automotive Industries, Sept. 16 |
| Spinach, Etc., February 3 | Woodworking, Etc., Sept. 23 |
| Onions, Etc., February 10 | Paper Mills, Sept. 30 |
| Potatoes, Etc., February 17 | Summary, Oct. 7 |
| Bees, February 24 | |
| Poultry and Pet Stock, Mar. 3 | |
| City Beautiful, Etc., March 10 | |
| Great Cows, March 17 | |
| Paved Highways, March 24 | |
| Head Lettuce, March 31 | |
| Silos, Etc., April 7 | |
| Legumes, April 14 | |
| Asparagus, Etc., April 21 | |
| Grapes, Etc., April 28 | |

THIS WEEK'S SLOGAN

DID YOU KNOW that Salem ought to be the center of the largest spinach growing industry in Oregon; that a car load shipping supply may be developed here, of a very high quality, going to the very best markets—that the demand is already large and bound to grow very fast, owing to the fact that spinach is one of the greatest vegetables in dietary schemes; that it is called the "Broom of the Stomach"; that it is both a food and a medicine; that there should be money in the growing of spinach; that the powdered dehydrated product may in time take all that this section can produce, and that spinach growing as a greenhouse product should be developed here?

one season's flow, to the beginning of the next.

"This is all there is to good beekeeping, but it involves much careful planning and conscientious labor."

LONDON (AP)—Ham and eggs is the favorite dish of the British law makers, when the House of Commons has an all night sitting. On these occasions, says the parliamentary restaurant manager, the members frequently consume about 1500 pounds of salt meat and about 300 eggs. The favorite time of eating, when the House is in for a long seige, is between 1 and 2 a. m.

Gold Beach—Contract let to extend Powers Salmon Creek logging railway 10 miles.

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SPINACH IS CALLED BROOM OF STOMACH

Puts Iron in Blood and Makes It Better and Does Other Useful Service

Spinach has been rightly called the "broom of the stomach," also it is well known for its properties of iron content, which has a tendency toward making more and better blood.

It helped win the World war for democracy; helped to cure scurvy and such diseases that resulted from insanitation and poor living.

It is also valuable in quieting and soothing nerves and in general upbuilding of health.

No vegetable except the radish grows more quickly or produces more per square foot of soil cropped. Planted in spring, early or late fall, it is capable of producing one of the first vegetables in the spring and the last in the early winter. Being a quick growing vegetable, it can always be followed by a second crop on the same ground.

VAULT RECORD FALLS

MADISON SQUARE GARDEN, New York, Feb. 2.—(AP)—The world's indoor pole vault record was shattered tonight at the Millrose A. A. athletic carnival, when Paul Harrington, former Notre Dame star, now representing the Boston A. A., soared over the bar at 13 feet, 5-8 inch.

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MARION COUNTY HEALTH SERVICE ADVISES GREATER USE OF SPINACH

It is the Most Healthful of the Leafy Vegetables, Containing Elements of All Three Classes of Vitamins—Spinach One of First Vegetables That May Be Added to a Baby's Milk Diet

Parents, do you realize that by adding spinach to your regular diet you are doing a three-fold good?

First, you are increasing the chances for your own good health. Second, you will set a good example for your children, who need the strong vitamins of spinach. Third, spinach used in every home will open a strong market for that commodity in the Willamette valley.

Spinach is one of the first vegetables which may be added to a baby's milk diet. It is recommended that it be made into a puree for best results to the child. One difficulty must be met, which is that children "invariably dislike the taste of spinach, but by gradual persuasion they will accept it as a regular food."

The Marion county health service is conducting a campaign in the schools this year under the direction of Dr. Walter H. Brown and Estelle Fred Warner, encouraging children to demand the

food and regular diet which is most likely to prove beneficial to them. In this work, it has been found that spinach is the most healthful of the leafy vegetables, containing elements of all three classes of vitamins. Spinach has been placed on the menu of the most successful noon luncheons.

Many parents come to the health service, inquiring why their children will not eat vegetables, and most generally after a few questions are asked it is found that the parents themselves are weak vegetarians and attempt to force their children to eat vegetables which they themselves do not care for.

According to physicians, the added vegetable diet has been a notably strong factor in the increased longevity of life. Very few of the coarsest foods remain on the daily menu of the average person, and the roughage which is contained in spinach, cabbage, and celery has now become an essential part of the diet.

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