

THE SELECTION OF THE GARDEN SITE

Soil conditions are the basis of good gardening and fortunately in the light of modern scientific research they are well under control. The city back yard gardener will confront more problems of unfavorable soil than his more fortunate brethren in the country. The first consideration is whether conditions that may be controlled in the city back yard will permit the successful cultivation of a garden.

If the sun does not shine on it for at least five hours on bright days, it is no use to try a vegetable garden. If it has been filled in with rock, broken brick or cinders it is useless to try a garden. As a general rule if weeds do not grow vigorously, it is not suited for vegetables. If weeds do grow abundantly you may know the soil is good for a garden.

The solution of unfavorable conditions is a vacant lot garden in a conveniently located neighborhood or the remedying of unfavorable conditions by excavating and removing the filling of bricks, stone or cinders and filling in with good soil. If the property is owned by the occupant, this will always be advisable.

If the lot is a small one with big trees close by that will steal the moisture of the soil, look for another garden site and content yourself with a lawn and flowers. Maples and oaks are the worst kind of trees near which to plant vegetable crops because of their widespread and voracious root systems. If the ground is low and soggy, it is not fit for vegetable growing until it can be drained and lightened.

The ideal garden spot is seldom available on the average small city lot but it is often possible to select a site that has a number of the good points necessary for a garden. When there is any choice, the land should be level or with a gentle slope to the south. Drainage should be good so that water will not stand after rains. The ideal soil is a dark sandy loam with a moisture retentive subsoil. The soil should be deep and break up easily.

THE COMBINATION GARDEN IS POPULAR

Flower gardening is developing so rapidly as a national interest that it is giving vegetable gardening keen competition and many people have given up small vegetable gardens on their city lots in order to devote the space to flowers, figuring that flowers for cutting during the summer are a greater economy than vegetables. A happy medium is to combine the flower and vegetable garden and have both.

A narrow border, say two or three feet wide, about the vegetable path will accommodate sufficient annuals to furnish cutting material for the greater part of the summer. Borders of calendulas, marigolds, asters, centaureas, scabiosas, South American daisies, snapdragons or other favorite cutting material can be accommodated very readily in this manner.

Another plan that is achieving popularity is to devote the garden to early crops as lettuce, radishes, onions, spinach and peas and to raise annuals and bulbs such as gladiolus and daisies as succession crops, thus combining a dual purpose. Some of the vegetables may be used as ornamental edgings and for this purpose the parsley and carrot are excellent and the chives with their purple heads in summer are frequently used as ornamental plants. Rows of carrots

YOUTH RAISES CHAMPION BULL



When Rudolph Isler, 16, of Marion, O., entered high school four years ago he chose pure-bred livestock as his subject in vocational agriculture. By raising prize cattle, the youth not only has made his four years in school pay him \$5,000 in profit, but he has succeeded in breeding a champion short horn bull, "Creekdale Mark." His champion took first honors at the International Livestock Exhibition at Chicago.

may be grown between rows of annuals very easily as their foliage is not sufficiently heavy to offer much interference.

The combination of annuals and vegetables offers the opportunity for many ingenious arrangements. Dahlias and gladiolus, which may be planted as late as June, offer the easiest solution of a succession of flowers to follow the vegetables. If the garden plot is a small one devoted only to early spring vegetables it is a simple matter to clear them off and plant a garden of annuals to replace the vegetables by the end of May, the annuals being grown in seed boxes and ready to transplant into place when the vegetables have been used. These flower and vegetable combinations are favorites with English gardeners.

DAIRYMEN PLAN TO ACCREDIT HERDS

A plan for accrediting herds of infectious abortion was made by the Oregon Dairyman's association in annual meeting at Fairview. This plan will soon be put into effect by the state livestock board. The Oregon Agricultural college experiment station with leading dairymen of the state conducted the experiments that resulted in this plan. The work, carried on since 1919, was made possible by special appropriations from the legislature.

Resolutions were passed recommending adequate inspection of all milk used for market purposes; urging creameries to adopt a system of grading cream, paying higher prices for better quality; and condemning the practice of creameries engaged in the business of selling butter substitutes, of creating an artificially high price of butter at certain seasons, thus stimulating use of oleomargarine.

February is too early to sow alfalfa or ladino clover. These crops are best sown alone on well prepared seed beds April 15 to May 1. It is important to get seed early as the supply is limited.

Air Painting

DONE WITH A GUN
M. B. Sanderson
1144 North Cottage

GOOD ROADS MORE THAN PAY THE COST

WASHINGTON, Feb. 18—(AP)—Last year more than 23,000,000 motor vehicles were responsible for nearly 150 billion vehicle miles of travel in the United States.

Scientific investigations show that road improvements have resulted in tremendous reductions in the costs of operating motor trucks and automobiles. The federal bureau of public roads is confident that the saving in fuel and oil and in wear and tear on vehicles is much more than the annual expenditures for improved roads.

KING OF SPAIN IS A KEEPER OF BEES

MADRID, Spain, Feb. 18—(AP)—King Alfonso is deeply interested in the science of beekeeping. He has ordered 1,000 hives to be placed in the royal park of the palace and has promised to give further orders for his country estates.

During a visit of the king to the bee society's headquarters he tasted the wines and spirits made from fermented honey and said they were excellent. Many persons prefer them to the wines and spirits made from grapes.

The leading agriculturist of Spain is Antonio Garay Vitorica, who, on his estate at Claveria, Caceres, has 1,500 hives.

Another gulf between us and the quaint eastern peoples is an old Chinese custom of paying off all one's debts at New Year's.—Detroit News.

Keep Your Money in Oregon — Buy Monuments Made at Salem, Oregon
CAPITAL MONUMENTAL WORKS
J. C. Jones & Co., Proprietors
All Kinds of Monumental Work
Factory and Office:
2210 S. Com'l. Opposite I. O. O. F. Cemetery, Box 21
Phone CS9 Salem, Oregon

SALEM NAVIGATION COMPANY

Water Transportation
Portland—Salem
Telephone 967

HORSE VS TRACTOR IN NORTH GERMANY

BERLIN, Feb. 18—(AP)—The assertion that better work is done by a good farm horse than by a tractor was made recently in the Prussian diet by Dr. Felix Hoesch, deputy for Neukirchen in the province of Saxony.

The occasion was a debate on an appropriation of some \$900,000 for improving the breeding of farm horses in East Prussia.

Dr. Hoesch, who is an authority on farming, said that if no improvement set in, Germany in two or three years would be short of horses and would have to depend on other countries for them.

Tractors as substitutes for horses in farm work, he added, had been a great disappointment—so much so that 40 percent of the tractors in Prussia were now out of commission.

Deputy Theodore Roeingh of Westphalia agreed and said that even in the United States, the land of the greatest technical development, there were still 26,000,000 horses.

Dr. Steiger, Prussian minister for agriculture promised increased zeal in providing sound breeding material and monetary inducements to private horse owners to cooperate in raising more horses.

SYNTHETIC CREAM ON ENGLISH MARKET

LONDON, Feb. 18—(AP)—Farmers and dairy-men are perturbed at the appearance on the market of "synthetic cream," which is said to be meeting with a good demand.

The ban of the ministry of health on preservatives in butter and cream started the manufacture of synthetic cream, which is produced from imported butter and dried milk worked up in an emulsifying machine.

Dairy men and farmers in west England who have hitherto sent clotted and fresh cream to customers all over the country fear this trade will be considerably restricted and that the problem of surplus milk will be intensified.

FARM AND GENERAL POINTERS AND NEWS

Attractive lamp shades can be made with colored envelope linings by gluing them double over an organdy foundation. Several coats of varnish applied over it gives the shade a glossy finish. A light globe inside aids in blending.

HILL'S CANDY FACTORY

1204 Leslie St., Corner Twelfth, Salem
Home made candies of the best makes. Specialize on packing in fancy boxes. Money spent for Salem made candies stays in Salem to make Salem a better town.

LOANS

On residence or Business Property

P. H. Bell

219 U. S. Bank Bldg.
Telephone 607 or 2141-W

ing the colors artistically. These linings can also be used to cover a wooden box or a waste paper basket treated with varnish to give finish. The effect is a resemblance to a crazy quilt.

Start a compost heap this spring with the spring rakings. It is the cheapest and best fertilizer possible.

Store seeds in a cool place if you order them early. They are kept in better condition than in a warm room.

Look over the hoes occasionally and grease the blades if they are growing rusty. A rusty hoe is a poor tool.

Begin collecting stakes for the garden. There will never be enough of them when you want them.

Luncheon sets are appropriate for use for breakfast, luncheon, an informal dinner on the porch, or informal suppers.

In buying a roast, allow one-half pound for each adult member of the family.

A round-bone chuck roast is one of the best roasts of beef, and one of the least expensive.

To vary French toast serve it with cherry sauce instead of sirup. To make sauce, dilute 1 tablespoon of corn starch with cold water and add 2 cups of stewed and pitted cherries. Stir and cook until boiling begins.

To make an orange filling for sandwiches, spread bread first with cream cheese, then spread with orange marmalade and cover. Shredded pineapple creamed into cream cheese makes a good combination. Crushed maple sugar added to chopped nuts and cream or condensed milk is also good.

Set barrels over the rhubarb and bank them up to start it at the earliest possible moment. This can be done any time during the winter.

ANGORA RUG CO.
1230 Ferry St. Salem, Ore.
Makes up raw furs for garments; makes over and repairs fur garments of all kinds.
Tans every kind of skin or hide.
Buys Angora goat and other skins.
Oldest concern in this section doing this class of work.

GIDEON STOLZ CO.
Manufacturers of
Vinegar, Soda Water,
Fountain Supplies
Salem Phone 26 Ore.

SILKS and PAINTS

Any Shade or Kind Made to Order Without Extra Charge
Full Line of House and Barn Paint Carried in Stock.
Buy Direct—Save \$1.50 per Gallon
Salem's Own Paint Factory
J. C. Silk
2649 Portland Road Tel. 2768

Whe-Ta-Lon

A superior Breakfast Food
A Trial Will Convince You

Whe-Ta-Lon Cereal Co.

M. A. BUTLER, Manager
Telephone 1090-W