

SPARE MINUTES SPENT IN GARDEN BENEFIT BOTH HEALTH AND PURSE

Even Small Back-Yard Plot of City Home Will Supply Average Family With Much Finer Vegetables Than Can Be Purchased at Any Price—Planting Should Begin Now.

BY RALPH R. HOUTLIDER.

To cover the subject of the home garden carefully and fully, would require much space and more detail than the average reader would care to read. Therefore, the writer will only endeavor to give the information in a general way, touching on a few of the most important items.

Gardening is one of the most lofty and inspiring occupations for man, woman and child. It brings us as close to Mother Nature as we can ever get in life. The joys and pleasures in it are so wonderful and so unlimited in their scope that the deeper we study them the more mystified we find ourselves at the end of our study.

When to Start. The planting of early seeds such as cabbage, tomato, cauliflower, celery, etc., should be attended to early in February and March.

Location of the Garden. In the city, it is not a question of where to make the garden, but "where can we make it?" We must make the best of the available ground.

Preparing the Garden. Thorough preparation of soil for the cultivation of vegetables is of the greatest importance, and is fundamental to success.

Fertilizer for the Garden. Stable manure is much used and very satisfactory, if it is well rotted and well spaded under.

Remember, for best results, the garden must be well cultivated before the seeds are sown.

What to Plant. Because this paragraph comes after the preparation of the garden, do not wait to get your seeds, after the garden is ready to plant.

The Seed Order. The writer, after many years of seed selling, is willing to advise about as follows for the average-sized city garden.

- 1 pk bush beans, green podded, April to August. . . . .10
1 pk bush beans, wax podded, April to August. . . . .10
1 pk bush beans, long green pod, April to August. . . . .10
1 pk beet beans, early, April, May. . . . .10
1 pk cabbage, for early, April, May. . . . .10
1 pk cabbage, for late, June, July. . . . .10
1 pk carrot, early, April, May. . . . .10
1 pk celery, early, April, May. . . . .10
1 doz early plants, June, July. . . . .20
1 doz late plants, June, July. . . . .20
1 pk Swiss chard, (see Kale), April to June. . . . .10
1 pk sweet corn, late, May, June. . . . .10
1 pk sweet corn, early, May, June. . . . .10
1 pk tomato, slicing, May, June. . . . .10
1 pk tomato, canning, May, June. . . . .10
1 pk lettuce, early curled, May to September. . . . .10
1 pk lettuce, early, May to September. . . . .10
1 doz early plants, June, July. . . . .20
1 doz late plants, June, July. . . . .20

- 1 pk lettuce, smooth-leaved head, March to August. . . . .10
1 pk muskmelon, early, May. . . . .10
1 pk watermelon, early, May. . . . .10
1 lb onion sets, for early, March, April. . . . .10
1 pk parsley, for greens, April, May. . . . .10
1 pk parsnip, May, June. . . . .10
1 pk peas, early, Winter, May, June. . . . .10
1 pk peas, late, April, June. . . . .10
1 pk potatoes, very early, March, June. . . . .10

tuces or radish bed, for by the time they are well established, the early vegetables are gone and out of the way. Extra early potatoes will be out in time for a late crop.



VIEW IN F. D. MATTHEW'S ROSE GARDEN, THIRD AND LINCOLN STREETS.

- 1 pk potatoes, late, May to July. . . . .10
1 pk radish, early, round, March, June. . . . .10
1 pk radish, medium, March, June. . . . .10
1 pk radish, long, April, July. . . . .10
1 pk spinach, for Summer, March, June. . . . .10
1 pk squash, for Summer, May. . . . .10
1 pk turnip, early, March, June. . . . .10
1 pk turnip, late, June, August. . . . .10

during the earliest months; for second crop, or Winter supply, the later months. Profit from the Garden. The seeds above, if properly planted and cared for, will produce close to \$100 worth of excellent vegetables.

not least, plant some flowering bulbs, or plants around the garden to beautify it. A hedge of sweet peas, dahlias, etc., will divide it off from your lawn or main yard and improve the general appearance of your place.

METHODS ADVOCATED BY ROSARIANS IN ENGLAND, VALUABLE IN OREGON

Simple Rules Governing Pruning Are Presented After Careful Study—Every City in State Should Have Society to Promote Interest and Culture of Flowers.

BY WILLIAM R. SIBSON.

THE National Rose Society, of England, includes in its membership the leading rosarians, not only of Great Britain but also of the world at large.

The growth of the Society in recent years has been almost phenomenal, indicating thereby the rapidly growing interest in the cultivation of the queen of flowers.

The gold medal of the society has become recognized and is accepted universally as a certificate of excellence in any new rose, so fortunate to be honored by its award.

On the opening of the annual show, usually held the first week in July, Her Majesty, the Queen, who is patroness of the Society, with her attendants, in the first place along the exhibition tables, after which the general public is admitted.

Charges for admission are as follows: Noon to 2 P. M., \$1.25; 2 to 5 P. M., 60 cents; 5 to 7 P. M., 25 cents.

The publications of the society, which are furnished free to members, are exceedingly valuable, comprising the results of the best and wisest experience upon the many topics incident to rose culture.

How to Prune Roses. The following general directions and explanations should be carefully read before proceeding to carry out the instructions afterwards given.

the original shoot and be itself thus starved in succession by another. A rose in a natural state has thus every year some branches which are becoming weakened by the fresh young shoots growing out below them.

Two Distinct Operations. This being the case, in order to maintain the strength of the plant and to keep it in the shape required, the worn-out shoots must each year be cut away, and the remainder left almost their entire length.

"Pruning, therefore, is the art of improving the productive power and the appearance of the plant. It consists of two distinct operations: (1) The removal of dead, weak, overcrowded or otherwise useless shoots.

"In pruning roses for ordinary cultivation or for the decoration of the garden the following rules may be laid down, which apply to all: (1) All dead and unripe shoots must be cut clean away to the base whence they started.

Purpose Governs Method. Roses require to be somewhat differently pruned according to the purpose for which they are grown. For instance, shoots must be cut back severely if the plant be required for the production of exhibition roses.

pillar to stand alone, or the dwarfed kind to stand with others in a bed. As a large range of kinds is available for decorative purposes, it is necessary in pruning, as will be seen by the instructions which follow, to take into account their individual habits and requirements.

"A large and strong-growing rose usually requires some two or three years after planting to reach its full size, and it is therefore during those first years that the plant has to be built up, and its framework, as it were, formed.

"The same thing will also apply to a great extent to perpetual flowering roses, but in their case too hard pruning will not destroy, but only defer the season's bloom.

"Climbing roses should have some of the older shoots cut away entirely each year, directly after the plants have flowered in the summer, and the young shoots lightly tied in to take their place.

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Any shortening of the remaining shoots should be done in March of the following year.

Rose Societies Advisable.

The foregoing demonstrates how exhaustively and intelligently the subject is handled. Details which follow are minute in their particularity and of infinite value, not only to novices, but also the experienced in rose culture.

There is an old rhyme that runs: "The man with the hoe is the man with the dough." Try and see. There is one thing certain, the man that handles the hoe will be better for his work, for there is much pleasure and satisfaction in producing fine vegetables and beautiful flowers, yet close to nature, it is an interesting, healthful and invigorating pastime for the children, as well as the older ones.

is nearing completion. This most modern of airships is fitted with separate cabins for the passengers, which provide comfortable sitting accommodation, and one of them is arranged as a reading room, where the passengers may find distraction during long aerial voyages.

The "Zeppelin IV" has a capacity of 30,000 cubic meters and carries three motors, which, to insure greater safety, can work each independently of the others.

Consideration of these matters suggests the immense possibilities which exist in our own favored Oregon. Should there not be a rose society in every city and in every town? Each society to be affiliated with a central organization, to be called the State of Oregon Rose Society, under whose auspices a great annual State Rose Show could be held in Portland during Rose Festival time.

in these days of rapid transit flowers for exhibition can be sent in good condition from almost every center of the state. Even the many rose-loving cities of Washington, and no doubt would, share in such contests.

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Hamburg is building sheds on a large scale, and will be the first place in Germany to possess a properly-constituted airship station.

A perfect feminine face should measure exactly five times the width of an eye across the cheek bones. The eye should set exactly thirds the width of the mouth and the length of the ear exactly twice that of the eye. The space between the eyes should be exactly the length of one eye.

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Spraying of Plants.....E. G. Lodeman.....\$1.00
Bush Fruits.....F. W. Card.....\$1.50
Milk and Its Products.....H. H. Wing.....\$1.50
The First Book of Farming.....C. L. Goodrich.....\$1.00
The Garden Yard.....Bolton Hall.....\$1.00
Three Acres of Liberty.....Bolton Hall.....\$1.75
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My Quest of the Arabian Horse.....Homer Davenport.....\$2.00
American Birds.....W. L. Finley.....\$1.50
Roses.....The Garden Library.....\$1.00
Roses and Rose Growing.....Kingsley.....\$2.00
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