STUDY OF GARDEN URGED

LIBRARY FIRST PLACE TO SUCCEED, SAYS J. G. BACHER.

Placing of Right Plans in Right Place to Get Best Development Held Important.

That the would-be gardener should become thoroughly familiar with the traits and needs of plants and shrubs before planting them out, thus to plan the right plants for the right place and set each plant or shrub where it will have the finest development, is the advice of J. G. Bacher, manager of the Swiss Floral company. Mr. Bacher is a strong advocate of the home beautiful and last winter gave several addresses before the Portland rose society on the care of roses.

More failures in gardening result from planting shrubs or plants in locations where they do not do well, crowding them, giving them shade when they need sun, or otherwise misplanting, than from any other cause, is the opinion of Mr. Bacher, who suggests that the first tool to be taken up in making a good garden is the book instead of the spade, and that the library is a better place to begin than the back yard. Knowledge of the traits and needs of the plants and then plenty of elbow grease will make one's garden dreams come true. This admission was given by Mr. Bacher to an Oregonian representative on the needs of the flower garden and yard, rather than the vegetable garden, although the same general rules apply to the latter.

"There never was a season in our city's history when more importance should be given to beautifying our yards than this year, largely on account of the many visitors we expect to have with us during the summer months who are, or will be, eager to admire our floral beauty and our much advertised roses," said Mr. Bacher. "To be able to show our gardens at their best should be the pride of every city home-owner and resident.

"Almost the very first duty of the successful gardener is to prepare all the ground to be planted by spading it and applying an ample quantity of fertilizers and manure, if securable, so that whatever is being set out will grow well. As a matter of fact, most failures in growing things are due to too poor soil, the plants cannot find sufficient food in the soil to develop properly. Manures of any and all kinds are desirable and a layer of four or six inches all over the ground spaded in will prove very satisfactory and to this may be added bonemeal, tankage, guano, etc. Of these about a pound per square yard of ground worked into the surface may double the crop grown and will add size and profusion to the product, whatever it may be.

"There are so many new yards to be planted this season that I desire particularly to draw the attention of beginners to a few pointers worthy of observation. I have so many times observed how enthusiastically the beginners purchase a supply of shrubs or plant roses or trees to put in their yard and those things are selected just like pieces of furniture or hardware. Little thought is given to the unseen nature and character inherent in these living plants or beings as we may call them. For living beings they are, and in their bodies are stored up the dormant capacities to develop and each and every kind has a character of its own in regard to its requirements for normal development. To know the nature of each plant that is being planted or bought to be set out is important, for then only can you judge whether it is suitable for the place you have for it. Most persons buy those plants that look best or biggest to them or consider the price as of primary importance.

"I frequently have noticed the waste resulting from improper planting. A frequent error is to plant large growing shrubs or trees in altogether too small a space, because the plant when purchased is small and does not appear out of place when first set out. Several years of growth quickly reveals the error. The opposite of this error, that of planting small growing shrubs in the anticipation that they will fill up a large space, also occurs, but less frequently. Another serious mistake is the planting of shade-loving plants in the hottest spot in the yard and the planting of plants demanding sun and warmth on the north or shaded sides. A frequent mistake is that of planting in too crowded an arrangement, thereby preventing the perfect growth of the individual plants. Purchase of high-class stock is always the best economy for the yard or garden. Poor stock will never become anything else but poor stock, no matter how much care and cultivation is given. My advice to those who do not feel able to purchase the stock needed is not to plant unless he can afford to set out material adapted for the yard or to develop his yard progressively, a little at a time, so that the expense at any one year will not be excessive."

Mr. Bacher urged the would-be gardener to study the conditions of his yard with relation to space, sunlight and shade and soil, and then study plants and shrubs with the purpose of securing the right plants and shrubs for the right places. The battle is more than half won, he suggested, if the plant is placed where it can enjoy life and feel at home.

"In buying plants and shrubs for beautifying the yard, if wisely selected and properly cared for, no home owners will ever invest any money that will not net a good return," he said. "The plants grow more valuable from year to year and the value of the entire property is enhanced because of the pleasing appearance of the grounds. Whole districts of our city have become more valuable because of beautiful gardening."

Record Gives Pleasure.

Greatest pleasure and profit out of both the vegetable and the flower garden is secured by preparing garden plans and keeping records of the various crops and the success of each. It also adds immeasurably to the pleasure of gardening when the gardener is familiar with the varieties which he plants and takes an interest in watching the growth and activity of rival varieties of the same kind of plant to decide for himself which are best suited for his own garden.

Rose Pruning Is Economy.

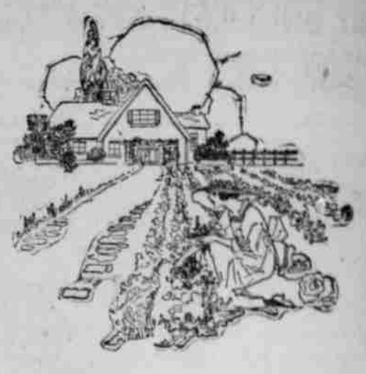
In preparing rose beds for the greatest quantity of blooms this year the gardener is advised to bear in mind that heavy pruning is good economy. Many hate to see their bushes cut way down, fearing they will never grow to their former size. It is surprising what strong, vigorous shoots the strong roots will send up, however, and the "hard pruner" will be repaid by a quantity of blooms of size and stem which the one who spares the bush will never experience.

Hoe Outrivals Hose.

The hoe is more important to the garden than the hose. The vegetable or flower bed which is kept well cultivated at the surface needs but little irrigation in this climate. The mulch if dirt prevents baking and retains the moisture which otherwise would escape. Elbow grease is the best lubricant for any garden.

DIAMOND QUALITY

SEEDS



SHRUBS AND FLOWERS

Trees, Shrubs, Vines and Flowering Plants add to the beauty and value of your home and should be chosen carefully for the special effects desired. Whether you plant for permanent or temporary effects we can serve you to your satisfaction and may save you time and expense.

For more than a quarter century we have aided in beautifying Portland homes and have supplied dependable seeds for growing the most delicious and desirable vegetables. Our DIAMOND TRADE MARK on a packet of seed or item of merchandise is the stamp of quality—REPRESENTING THE BEST OBTAINABLE.

YOUR VEGETABLE GARDEN

Your Vegetable Garden carefully planned and planted will produce through a long season a big supply of delicious fresh vegetables for the table and canning of a quality that you cannot buy, and will prove a most interesting and healthful diversion.

"Diamond Quality"

ROSES

True to Name Two-Year Field-Grown Plants

SURE TO THRIVE AND BLOOM FREELY

They are properly budded by the most skillful growers on the right kind of stock to make a sturdy, thrifty growth and produce their grand exhibition blooms.

For the best results you should

FOSTER ROSE TUBES For Exhibitors. Per dozen **$2.75.**

"HOW TO GROW ROSES," Written for Oregon Rose GROWERS FREE!

Plant Now!

Climbing Roses

We offer a splendid lot of Popular Climbers, Oregon-grown stock.

Climbing Testout.
Pillar of Gold.
American Beauty.
Madam Alfred Carrier.
Crimson Rambler.
Dr. Van Fleet.
Dorothy Perkins, White.
Dorothy Perkins, Pink.
Dorothy Perkins, Red.
Thousand Beauties.

Make your selections at once, as the demand is heavy and supply short.

SEE CATALOGUE FOR PRICES AND DESCRIPTION.

Perennial Phlox

Hardy everywhere. The marvelous new colors, beautiful foliage and easy culture make this choice flower one of the most desirable for beds, borders or lawn groups where permanent effects are desired. **Prices: Strong roots, each 25c, doz. $2.50.**

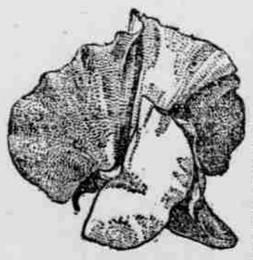
Hardy Iris

Hardy Iris is one of the best of the early Spring flowers, is hardy everywhere, and if planted in a moist situation or watered freely, will produce magnificent orchid-like blooms of great size and delightful fragrance. Comes in charming color effects in **blues, browns, yellows, purples, white. Prices: Strong roots, each 25c; per doze.. $2.50.**

Japanese Iris

(Iris Kaempferi)

Japanese Iris are unsurpassed for their brilliant and varied colorings, producing effects that are truly marvelous. Blossoms early summer. **Prices: Strong roots, each 30c; per dozen $3.25.**



Sweet Peas

The new "Early Flowering," long-season Spencers will bloom six weeks earlier and flower through a longer season than other Spencers. Flowers are large, of finest Spencer form, and colors are brilliant and beautiful.

5 EARLY FLOWERING, 1 Pkt. Each, 65¢

EARLY LIBERTY, red.
EARLY HEATHER BELL, lavender mauve.
EARLY SNOWFLAKE, white.
EARLY MELODY, rose, pink.
EARLY SPRING MAID, light pink.

For Complete List of Finest Spencer Sweet Peas, See Catalogue

Remember, Early Plantings Make Finest Flowers

Nasturtiums

THESE ARE VERY HARDY AND SHOULD BE PLANTED EARLY

Nasturtiums are sure to thrive and bloom freely until frost, and are unequaled for beds, rock-work, trellises, vases, etc., as they come both tall and dwarf, and will make a fine display on soil where other flowers would fail. We offer a select list of finest named varieties.
Packets, **5¢** and **10¢**.

SEE OUR CATALOGUE FOR COMPLETE LIST OF FLOWER SEEDS

FOR MARCH PLANTING IN YOUR HOME GARDEN

During March prune and spray your roses and trees, rake out the moss, roll down and reseed your lawn.
Roses, Trees, Shrubs, Ornamental Climbers, Perennials and all dormant hardy stock should be planted at once.
Sweet Peas should be put in now and just as soon as the soil can be worked plant your early vegetable garden.
If you would be sure to have a successful garden that would be a pleasure and satisfaction to yourself and the envy of your neighbors, lose no time in making your plans and doing your planting.

THE STANDARD REFERENCE for growers in the Northwest

Our 1920 Seed Catalogue

Lists a splendid and complete assortment of popular varieties and sterling novelties, including improved varieties of our own introduction that have become standards in the Coast markets.

Gives useful cultural directions—planting tables, colors, habits and blooming periods of flowers—and much general information of great value to growers.

Also lists our complete lines of Fertilizer, Sprays and Sprayers, Poultry Supplies, Bee Supplies and Dairy Equipment.

A Safe Guide to Quality and Fair Price

For a Rich, Dense, Velvety Lawn

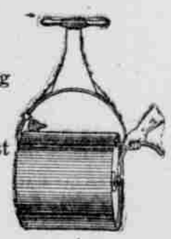
DIAMOND LAWN MIXTURE will surely please you. It is prepared from choicest, recleaned seeds, carefully selected for their fineness and deep-rooting, close-growing habits. Sow 1 pound to 400 square feet, 10 to 15 pounds to a 50-foot lot.

"DIAMOND" Fancy Recleaned GRASS SEED

Special mixtures for wet land, terraces, shady places, tennis courts, golf links.

We can save you money and help you to secure the best possible results from your plantings.

DUNHAM Roller - Bearing LAWN ROLLERS Water Ballast and Cast. See Catalogue



Diamond MIXED FERTILIZERS

Diamond FERTILIZERS are all fertilizer—the base is bone meal and tankage, to which the necessary chemical elements are added. No sand, earth or cheap fillers are used.

Diamond LAWN FERTILIZER is odorless, economical, and its beneficial results are quickly apparent.

For New Lawns use 3 pounds to 10 feet square, worked into the soil before sowing the seed. Follow this with a top dressing of the same amount when the grass is high enough to cut.

For Old Lawns use 5 pounds to 10 feet square, evenly distributed, as a top dressing early in the season.

For Roses, Shrubs and Flowering Plants, a handful worked into the soil, a little distance away and around the plant will show quick and satisfactory results.

Diamond VEGETABLE FERTILIZER—5 pounds to 10 feet square worked into the soil before planting will work wonders in your vegetable garden. Later application between rows may be made at the rate of 4 ounces to 10 feet of row.

We are manufacturers of and carry a complete line of Fertilizers and Fertilizing materials. Full information and prices on request. Guaranteed Analysis on every bag.

Our Free Booklet "FERTILIZERS" Tells What Fertilizers Are and How and When to Apply

Sprays and Sprayers

Do not longer delay the pruning and spraying of ROSES and TREES. We supply everything needed, from the simplest, inexpensive hand sprayer to the largest power outfits.

SPRAYS FOR EVERY PURPOSE furnished in convenient packages, with full instructions for use in small gardens.

See Catalogue for Hand Shears and Tree Pruners

"Corona" Arsenate of Lead, the Universal Insecticide

"CORONA" DRY used as dust spray is a safe, inexpensive, easily applied and efficient remedy for all chewing garden pests—and for use on fruit trees, berry bushes and plants—that will insure perfect fruit and clean vegetables.

"GARDEN PESTS AND THEIR CONTROL" AND FULL INFORMATION ABOUT "CORONA" MAILED ON REQUEST

"Diamond Quality" Tested Vegetable Seeds

FRESH, HAND-FILLED PACKETS CONTAINING LIBERAL PORTIONS OF NEW CROP SEEDS

First Plantings

Select seeds now for your home garden, and as soon as the soil can be worked, make your first plantings.

Garden Peas, Onion Sets and Seed, Radishes, Lettuce, Spinach, Potatoes.

Rhubarb and **Asparagus Roots, Cabbage Plants,** from fall sown seeds are also ready.

Plant **Cabbage, Cauliflower, Celery, Tomatoes,** under glass or in the house for later transplanting.

Get a copy of our Seed Catalogue for Cultural Directions and full information.

FOR THE CHILDREN'S GARDENS

Children's gardens are a big factor in their education, and will promote a wholesome interest in out-door life. **Bring them to seed headquarters and let us help them select their own seed.**

Plants and Herbs for the Vegetable Garden

Cabbage Plants, dozen	15¢	Sage Plants, each	25¢
Cauliflower	15¢	Lavender Plants, each	25¢
Chives, per bunch	15¢	Sweet Marjoram	20¢
Horseradish, dozen	25¢	Thyme, each	25¢
		Peppermint, each	20¢

A FULL LINE OF ALL STANDARD VARIETIES OF VEGETABLE PLANTS IN SEASON

Hardy Perennials

Once planted are good for all time, increasing in beauty each year, blooming continuously through the season. Succeed everywhere, need little attention, and are inexpensive.

We list a complete assortment of the most desirable and improved varieties, including a splendid collection of **Rock Plants. See Catalogue.**

For Trees, Shrubs, Vines, Berry Bushes and Plants in splendid assortment—best varieties for home or commercial plantings, see **NURSERY CATALOGUE—Sixty-four pages.**

Berry Bushes and Plants

STRAWBERRIES, BLACKBERRIES, RASPBERRIES, GOOSEBERRIES, CURRANTS, etc., are hardy everywhere, are easy to grow and the splendid varieties we offer will yield their delicious fruit abundantly in season and are easily canned and preserved.

SEE CATALOGUE FOR VARIETIES AND PRICES.

Every Home Garden Should Have a Few Clumps of

Riverside Giant RHUBARB and an ASPARAGUS BED

These are delicious and wholesome, are easily grown, find a ready sale, and are very profitable for marketing.

PRICES

Asparagus Roots, doz., 25¢; 100 $1.00
Riverside Giant Rhubarb Root Cuttings, each 15¢; doz. $1.50

SPECIAL "Progressive" EVERBEARING Price, doz., 60¢; 100, $3; 1000 .....$20

GOLD DOLLAR MAGOON CLARK, WILSON

Price: Doz., 40¢; 100, $2; 1000, $16.

Flower Seeds for First Planting

PLANT POPPIES IN YOUR TULIP BEDS OR BORDERS

These will come on and bloom after the late tulips. They may be followed in turn by other annual bedding plants.

PLANT PANSIES NOW for Fall Blooming—Also Plant NASTURTIUMS, Both Tall and Dwarf.

If you would grow your own bedding plants from seed, start now under glass or in boxes in the house.

ALYSSUM	CELOSIA	LOBELIA	PHLOX
ASTERS	DIANTHUS	MARIGOLD	SALVIA
BALSAM	HELIOTROPE	MIGNONETTE	STOCKS
CARNATIONS	HOLLYHOCK (Annual)	PETUNIA	VERBENA
COSMOS		PANSIES	ZINNIA

For description of these flowers see Flower and Seed Department in our general catalogue.

THOROUGHBRED POULTRY AND EGGS FOR SETTING

Factory Representatives for the Famous "BUCKEYE" INCUBATORS AND BROODERS

Our **Poultry Supply Catalogue** lists everything necessary for the successful production of Poultry—tells how to care for and raise chickens.

IF YOU HAVE A YARD, RAISE A FEW CHICKENS

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HONEY is the best substitute for Sugar, and is more WHOLESOME and DELICIOUS.

YOU CAN KEEP BEES any place where they can forage within the radius of a mile.

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