

TIMELY GARDENING HINTS FROM A RELIABLE SOURCE

Suggestions Furnished by the National Garden Bureau on the Raising of Vegetables for Home Use

The Garden Destroyers

Potato bugs, cabbage worms and plant lice in assorted variety are garden pests that appear as surely as the season rolls around, and every gardener must be ready to meet and repel the invading hordes of insect destroyers. In addition the cutworm works insidiously and destroys some vegetables, although committing nothing like the depredations of enemies of the garden that work out in the open. There are also molds, blights and mildews to add to the toll.

The foregoing gardener has his poison plant loaded and ready to await the invaders on sight. In his list are arsenical poisons, arsenic of lead, paris green, either alone or in combination; nicotine solution or tobacco powder for the lice, and bordeaux mixture for the various fungus pests. Also he has sprayers to distribute them. Aside from these poisons there are insecticides and slug shots which are nonpoisonous and effective.

Later in the season there are various bugs and beetles that flock to the cucumber, squash

and melon vines in droves. An insecticide combining all three qualities is an ideal one, and there are several proprietary poisons on the market which are now standard and kill the bugs present and thwart those approaching.

The insect pests are two in variety, those that eat the foliage and stems and blossoms and those that suck the juices of the plant. The former includes the potato bug and cabbage worm. The latter are confined largely to plant lice. For the eaters, arsenical poisons are the proper treatment. They will also minimize grasshoppers when they get troublesome in mid-summer.

Plant lice, which now appear in all shades from pale green to black, with the exception of blights and mildews, are not so common as they may appear—yield to a spray of nicotine or tobacco. The poison should be applied so that the entire surface of the plant is wet. The plant louse must be hit by the spray to be killed. The leaf eaters need only to have the poison on the leaves where they can eat it.



in suspension like a sponge. The presence of certain weeds, such as sour dock or yellow sorrel, indicate an acid condition. The formation of moss on the surface may also indicate this condition, although it is not so certain a symptom as the sorrel. Lime has the valuable property, in addition to neutralizing, of liberating plant food for the use of the eager roots in the soil.



Start snapdragon seed in a cold frame or in a cool room. They want a cool start and they'll make up for lost time when they get into the ground.

The new English lupines, which have made a sensation abroad, are now being offered by American seedsmen. They are worth adding to the perennial collection. Don't give them rich soil.

The English experts are also sending us a new hollyhock, the Exquisite, white edged with different colored centers.

Try a few dahlias from seed this year and see the surprises you will have next August and September. Start them in March in the house or in a hotbed.

MY MARRIAGE PROBLEMS

Adele Garrison's New Phase of REVELATIONS OF A WIFE

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CHAPTER 414 WHY A STRANGE LOOK CAME INTO CLAIRE FOSTER'S SURPRISED EYES

Claire Foster's fears and my vague uneasiness concerning the possibility of Dr. Pettit's catching up with us by some miracle, proved to be without any foundation. Our journey cityward was comfortably monotonous, and when we had been whisked through the tubes, Dicky flagged a roomy taxi and we were driven rapidly down the comparatively deserted thoroughfare which lower Fifth avenue becomes when business hours are over.

We were a singularly silent trio. Dicky and I had addressed no word to each other save those absolutely necessary since his taunting speech concerning Dr. Pettit's former admiration of me, and my icy retort. Whether Claire took her cue from us, or was simply too depressed for conversa-

tion, I could not tell, but she volunteered no remarks at all, simply answered briefly and courteously whenever either Dicky or I addressed her.

"There You Go—"

The situation was decidedly strained, and with the girl's comfort and peace of mind in view, I decided to swallow my pride as far as outward appearances went, and save my refrigerator-like attitude toward Dicky for when there should be no outside present.

"Where is this wonderful apartment, Dicky?" I asked in as dulcet tones as if we were still on our honeymoon, and turned to Claire in apparently heedless fashion before he could answer, to say:

"You know, I was so afraid we would have to go to a hotel! I hate them, don't you? But this husband of mine, after letting me stew and fret about it for an hour or two, suddenly remembered that he had the key to a dear little apartment in his pocket. It belongs to a friend of his who has gone with his wife to Virginia for a month's vacation, and has urged Dicky to occupy the apartment while they are gone. Isn't that luck?"

"There you go as usual," Dicky growled, "stretching things all out of shape. I didn't say it was a 'wonderful apartment' or a 'dear little one'—his voice expressed the utmost contempt for the feminine adjectives. "In fact it's a very modest affair, although old Bob and his wife have some nifty antiques. I know what you will say when you see it. You'll probably clasp your hands and emit a squeak of 'Oh, isn't it quaint!'"

Madge Is Pleased.

Dicky's face held the lines of ill-temper, and his voice had the snarling notes which are familiar to many wives. He was hungry and until he was fed, brin of the aching poll would be mild in comparison.

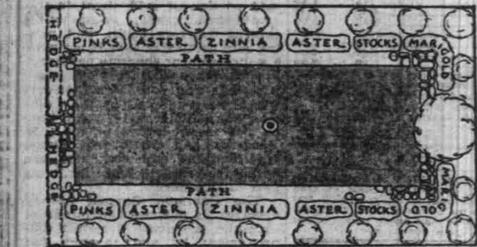
Claire and I were seated at the rear of the car, Dicky facing us, but our seat was so roomy that I had curled up comfortably in the corner of it, and had a good view of the girl's face. And over it, at Dicky's pettish outburst, there spread so amazed a look that despite my irritation at Dicky I was compelled to use all my will power to keep from laughing outright.

It was plain that she never had seen Dicky in a growing role before. I know of no one who can be so royally courteous, so absolutely fascinating as can my husband when he is on his best behavior, and, like most men, he is not on his worst behavior when a pretty girl is in the office. And Claire Foster, though by no means the sheltered sentimental dandy who believes all men to be strong, chivalrous and omnipotent, was patently amazed and a bit shocked by his sudden outburst.

A sillier girl would have twisted the incident into food for her own vanity, would have figured that it was something lacking in me which made Dicky discourteous. She would have said to herself that she would know how to manage him, and that never would he be guilty of similar discourtesy were she in my place.



NELSON BROS. 335 Chemeketa Phone 1906



Ornamental Back Yards

The simplest design for ornamental back-yard planting on a small place consists of a belt of shrubbery about the boundaries with perennials bulbs and annuals in front of them. This is the first step and one that may be easily accomplished in one season if the task of laying out a complete garden seems too heavy.

For the first season the flowers should consist of annuals to a great extent, with the perennials growing from seed to be set in place late in the season to come into bloom next year. Annuals may be set among the newer planted shrubs the first year, for if properly spaced to give a chance to develop properly, there will be spaces between the bushes which will look very wide and bare for a season or two. These may be filled with shallow-rooting annuals which will in no way interfere with the deeper-rooting shrubbery.

To arrange a pleasing floral pattern. Tall-growing annuals to set toward the back of the border, but not close enough to smother the young bushes, are annual sunflowers, cosmos, spider plant or cleome, the flowering tobacco, nicotiana, the tall African marigolds colossal zinnias, with possibly a plant or two of castor beans to tower above the shrubbery and give accent points to the planting.

Toward the front of the border, lower-growing annuals such as asters, stocks, salvias, petunias, dwarf marigolds dwarf zinnias, dwarts nasturtiums and scores of others may be sown. A garden of the various annual poppies alone will make a gorgeous display.

These annuals are best planted in colonies of a single color for pleasing effects. The gardener may exercise his ingenuity and artistic eye in arranging his color plans. With the outer border completed, it will be a much easier matter to develop a scheme of beds within the enclosure surrounded by the shrubs.

It is an easy matter to select annuals of the color or colors you prefer for this planting. There is also a great variety in height

Studying the Soil

As we progress in scientific knowledge, we are learning a great deal about the soil. A gardener nowadays makes it his business to study his soil and find its nature and what it needs before he begins making garden. He tests it to see whether it is acid or neutral. This is easily done by getting a few pieces of blue litmus paper from the drug store, mixing a sample of the soil in rain water, or distilled water and dipping the litmus paper in it. If the soil is acid the paper turns red.

time with nitrate or commercial fertilizers is likely to turn acid and these fertilizers should be alternated with a lime dressing in the fall to neutralize the acidity.

If the soil is loam, a mixture of clay and sand, it is likely to need the addition of humus in the form of manure or decaying leaves and grass clippings to add to its texture. If it is inclined to clay, sand or finely pulverized limestone plowed in will help to lighten it as well as heavy dressings of manure or vegetable matter to furnish the humus necessary.

While acid soil may not be "sour" soil in the usual meaning of the word, and may be well supplied with nourishment for certain forms of plants, it is best to give it plenty of lime for plants such as peas and beans. Soil which has been treated for some

Very sandy soil needs manure or leaves and lawn clippings and similar vegetable matter to decay in it because it cannot retain moisture without the addition of this vegetable sponge, one of the most valuable attributes of humus being its ability to retain moisture

Garden Seed Time

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for he would cherish her too fondly to permit any breath save the warm one of affection to come near her.

But Claire Foster, despite her recklessness, has a fairly cool, level head, which can be depended upon to rule her heart. I saw that she appraised the incident in its true light, and that for the first time she saw Dicky as a prosaic married man who sulked and growled when things did not suit him.

I had satisfied myself that Claire Foster was not in love with my husband while I was at the Barker house, although I still had doubts as to the nature of his feeling for her, but I was distinctly and a bit maliciously glad that Dicky had chosen just this time for his exhibition of discourtesy.

(To be continued.)

Salem Laundry Building Ready for New Machinery

The Salem Steam Laundry building has been practically finished, except for a few minor details. The installation of modern laundry machinery is well underway and from all indications the opening date will be set for the latter part of April or the first of May, according to E. L. Wieder, who is on the ground directing the work.

One of the latest bit of machinery is the Troy 30 Big Two, flat work iron, which is designed to take care of a large amount of laundry. The latest idea in the laundry field has been embodied in this machine and it stands in a field by itself. This motor equipped machine is being installed by B. F. Hazlerigg, construction engineer for the Troy Laundry Machinery company of Seattle, Wash.

The firm has four motor driven body pressers on hand which are to be set up in the immediate future. These machines are used on coats, jackets and other clothes carrying starch. Several washers are to be put in as well as other specialized and modern machinery.

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