

BACK YARD FARMER

Interesting Pointers on Gardening for the City Man or Suburbanite.

WHAT TO PLANT AND WHEN

Advice by an Expert on Agricultural Matters—Garden and Plant Pests—Dwarf Tomatoes—Flower Bed Notes.

By PROF. JOHN WILLARD BOLTE.

Practically all of the domestic garden pests can be killed without difficulty by the proper treatment. Yet few people seem to realize this and everywhere we see plants and house flowers struggling for existence...

Aphid, or green lice, is a parasite about one-half the size of the head of a pin—green in color and shows but little activity. They are found particularly on the cucurbits, that is, the vines of the cucumber family...

Laying Out Flower Beds. Why do people plant flowers in beds? Everyone does it, and there is hardly one in a hundred that knows why they plant them in beds instead of singly and scattered or some other way...

Red Spider.—The red spider is a little red bug. It moves rapidly over the plants. Merely spraying with tobacco tea or plain, clear water will get rid of this pest.

Striped Beetle.—The striped beetle is one-eighth of an inch long and the fact that it can fly makes it a danger to any garden.

That's why we plant flowers in beds. Because the other fellow did, and still does. But fortunately there are mighty good underlying reasons for so doing, whether we understand them or not.

Cut Worms may attack any plant in the garden, cutting it off under the ground. They have a special liking for peas and beans.

Potato Bugs.—This familiar pest can be quickly gotten rid of by spraying the potato plants with a suspension solution of Paris green.

Tomato Worms.—If you find your tomato plants are losing their leaves, look out for these worms.

For Cabbage Worms, dust the plants with powdered hellebore before the heads form. Later dust the hellebore on the outside leaves as the worms appear.

A little attention to getting rid of garden pests will well repay in the increased production of the garden.

Dwarf Tomatoes.

Tomatoes are one of, if not the most, popular summer vegetables. This world-wide favorite is of comparatively recent use as an edible.

Linseed Meal. Coarsely ground linseed meal of good quality has a feeding value slightly superior to old-process cottonseed meal.

Sign of Carelessness. Whenever you see a lot of chickens roosting on the farm machinery lying around unprotected in the fence corner you may be sure that the owner will have a hard time getting his notes renewed at the bank.

Select One Dairy Breed. It is better to select one dairy breed than it is to try to combine the good points of all.

this bumble gardener had not preserved his remarkable plant, the world would be without a race of commercial tomatoes that bids fair to put the larger sorts out of business...

The new dwarf has full-sized fruit of the very best quality, and while each plant bears fewer tomatoes, the dwarf will produce a great many more tomatoes from a given area than will the larger bushes...

Even if this were to be overlooked entirely, the fact that the dwarf tomato plant does not have to be tied or staked up, makes it much better for both the small garden and the market garden.

The Giant Dwarf is the most common dwarf variety in this country and we advise you to try a few plants this year or next.

Planting flowers is a good deal like growing whiskers in some ways. Right after the Civil War every man grew a full beard, because so many of the returning heroes had beards through necessity that they made whiskers fashionable.

Developed in light weight serge this coat will be just the thing for spring wear. It can be made with either the straight or circular fronts.

Live Primitive Life. Pitcairn Islanders are all Seventh Day Adventists, having been converted to that faith by missionaries many years ago.

Mending a Break in Felt. A good way to mend partially broken felt or a felt hat is to hold a lighted match under the break and smooth out the crevice with the hand.

Guess the Riddle. I know a little robin, But it never, never sings. And, unlike other robins, It hasn't any wings.

Accepted. "Dearest," ecstatically murmured the enamored poet, "don't you think we would make a good couplet?"

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Practical Fashions

LADY'S ONE-PIECE SKIRT.



A delightful example of newness in skirt models is presented in this design. The garment is a one-piece one with closing at the left side of the front and is especially desirable for bordered goods.

The pattern (6153) is cut in sizes 22 to 40 inches waist measure. Medium size will require 1 3/4 yards of 45 inch bordered goods or 3 3/4 yards of 27 inch material.

Form for pattern order: NO. 6153. NAME, TOWN, STREET AND NO., STATE.

Practical Fashions

CHILDREN'S COAT.



Developed in light weight serge this coat will be just the thing for spring wear. It can be made with either the straight or circular fronts.

Form for pattern order: NO. 6148. NAME, TOWN, STREET AND NO., STATE.

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LOOSE NUTS ON AUTOS.

Improper Tightening Chief Cause of Grip Slackening. Leaving locking devices out of the question for the time being, one of the commonest causes of nuts coming loose is the fact that they have never been properly tightened in the first place.

If, on the other hand, a nut is put on dry, much of the power applied by the spanner is absorbed by friction, and little of it goes to compress together the parts that the bolt is intended to unite.

Another point is that a nut should be tightened and slackened several times before it is pulled up finally, as this beds the thread of the bolt against that of the nut and the face of the latter against its seat.

It has been found that a piece of tube flattened so that it slips over the handle of the spanner and thus increases its effective length by about 50 per cent is a great assistance in putting the final nip on a nut that is so effective in preventing its coming loose.

It will sometimes be found that one particular nut and bolt in a car will persist in coming loose even after it has been properly tightened, and the reason is usually this: The car has been run with the bolt loose, and the latter has thus been allowed to "work" in the hole and make it out of round.

New Light on Electricity. An American observer has called attention to a curious property of an electric current in that when passing round a sharp corner it apparently projects a discharge along its original line of motion.

In Germany the same phenomenon has also been observed, and now another authority advances the notion that it is evidence of the existence of a true electric momentum, resembling that of water flowing in a pipe.

The Sleigh of the Desert. A corporal in the French army in north Africa has devised a peculiar machine particularly adapted for travel over the sand wastes of the Sahara. The machine is a cross between an automobile and an aeroplane and has been dubbed the "sleigh of the desert."

A good game and one that requires thought to play when your friends come to spend an afternoon with you is "famous numbers."

The Alaskan Coal Fields. One of the markets available for Alaska coal, were the coal beds of the territory developed, would be to supply coke to the smelters and foundries on Puget sound and at Portland.

Genendruma. What is worse than raining cats and dogs? Hailing cats and street cars. Why does a donkey eat thistles? Because he's an ass.

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BOY SCOUTS OF AMERICA.

Boy Scouts Invited to England. Sir Robert S. Baden-Powell, chief scout of the British boy scouts, has sent an invitation to the Boy Scouts of America to attend the third national rally of the Boy Scouts Association of Great Britain in Birmingham, England, July 2 to 9, inclusive.

The leaders of the scout movement have asked that all scouts who are planning to go across this summer will try to arrange their dates to be in Birmingham during the rally. Scoutmasters should write to James E. West, chief scout executive in New York.

Program of the Rally. The rally will have three important parts. There will first be a demonstration of activities of scouts in honor of King George. Secondly will come the display of the activities of the scouts.

The scouts will camp out in Perry Hill park, near the rally ground in Birmingham. There will be a standing camp for scoutmasters and other helpers in the work.

Quick Fire Making. Fred C. Reed, a boy scout of Washington, has received a prize from Chief Scout Ernest Thompson Seton for his quickness in lighting a fire without the use of matches.

Philadelphia Scouts' New Camp. "Treasure Island" is the name that has been given to the new summer camp of the Philadelphia boy scouts.

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Legal Notice

CHANCERY NOTICE. State of Illinois, County of Du Page, in the Circuit Court of Du Page County, Illinois, June term, A. D. 1912.

Notice is hereby given to the said Edward Walters, defendant, that the above named complainant has heretofore filed his bill of complaint against the said defendant in said court, and that a summons thereon issued out of said court, against the above named defendant, returnable on the first day of the term of the Circuit Court of said Du Page County, to be held at the Court House, in the City of Wheaton, in said Du Page County, on the second Monday of June, A. D. 1912, is still pending, and which suit is still pending.

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Gems In Verse

OLD FAVORITES.

WEIGHING THE BABY. How many pounds does the baby weigh, Baby who came but a month ago, How many pounds from the crowning curl To the rosy point of the restless toe?

Nobody weighed the baby's smile Or the love that came with the hairpins one; Nobody weighed the threads of care From which a woman's life is spun.

No index tells the mighty worth Of a little baby's quiet breath, A soft unceasing metronome, Patient and faithful until death.

Oh, mother, laugh your merry note! Be gay and glad, but don't forget From baby's eyes looks out a soul That claims a home in Eden yet.

NIGHT.

All heaven and earth are still, though not in sleep, But breatheless, as we grow when feeling most profound.

LAKE OF THE DIMAL SWAMP.

THEY made her a grave, too cold and damp For a soul so warm and true, And she's gone to the Lake of the Dimal Swamp.

And when on the earth he sunk to sleep, If slumber his eyelids knew He lay where the deadly vine doth wrap Its venomous tear and nightly steep.

He saw the lake, and a meteor bright Quick over its surface played, "Welcome," he said, "my dear one's light!" And the dim shore echoed for many a night.

But off from the Indian hunter's camp This lever and maid so true Are seen at the hour of the midnight slumber To cross the lake by a dark and dreary way.