

ORDER YOUR POTASH AT ONCE

Order your POTASH at once. The Potash and Phosphate Fertilizers should be applied to the soil as soon as the land is workable so that the crop can get the full benefit of these materials in the first season.

Many disappointments with fertilizers are due to the fact that they have been applied too late for the crop to get full benefit from them, although ensuing crops always benefit. Remember these fertilizers are not used up in the first season but are effective for several seasons.

Nitrate of Soda should generally be applied as a top-dressing at planting time. Slower acting Nitrogenous fertilizers can be applied earlier with the other materials.

Muriate of Potash AND Sulphate of Potash

can be obtained from the leading fertilizer dealers and seedmen.

WRITE for our FREE, educative "bulletin," which include:

"Artificial Fertilizers: Their Nature and Use."

"Fertilizing Grains and Grasses."

"Fertilizing Orchard and Garden."

"The Potato Crop in Canada."

"Fertilizing Hood Crops."

"Farmer's Companion."

**German
Potash Syndicate**
1102-5 Temple Bldg., Toronto, Ont.

SEED BARLEY, O.A.C. No. 21

A very choice stock, second generation, from the hand-selected seed plot, \$2 per bus.

Siberian Oats, a bright heavy sample, 60c per bus. bags included.

Imperial State Potatoes our specialty, also a limited quantity of selected Delaware and Rural New York

Alfred Hutchinson Mount Forest, Ont.



of 60 cents an acre. The milk and butter yield has been improved by the use of the Spramotor. You can get a Spramotor for as little as \$6, and they range in price all the way up to \$350 for the Model C. Gasoline Machine. Write for particulars of your spraying needs and we will send you a copy of our valuable treatise on Crop Diseases FREE, also full information on a Spramotor that will best suit your needs. Do it to-day!

HEARD SPRAMOTOR CO., 1784 King St., LONDON, CAN.

TESTED KEITH'S MANGEL TURNIP AND FIELD CARROTS SEEDS

Did you ever figure out what it costs you in returns you do not get when you grow most seed germinators poorly and leave big empty spaces?

Why not get Keith's tested seeds for 1914 and be absolutely certain of live seeds and a perfect stand.

It is worth your while to sit down and order good live fresh seeds of Keith's Yellow Sugar, White Sugar, and MAMMOTH SMOOTH WHITE INTERMEDIATE CARROT—Price, per lb. 60c.

Do Mangels and Turnips are put up in 1 lb. cotton bags. There is nothing better to be got.

If you are ordering Clover and Timothy Seed, Seed Grain or Seed Corn your Mangels and Turnip Seeds can go along with them at 5c per lb. less than prices herewith quoted:

Standup—Keith's Prizeaker, Danish Mangel (a new intermediate variety), Price for both, postpaid, lb. 50c—5 lbs. or over at 30c.

MANGELS—Keith's Yellow Leviant, Yellow Intermediate, Mammoth Long Leaf, Half Sugar. Prices, Postpaid, lb. 30c—5 lbs. or over at 30c.

SWEDS TURNIPS—New Century, Scottish Champion, Elephant, Prize, Postpaid, lb. 30c—3 lbs. or over at 30c per lb. Keith's Prizeaker, Price, Postpaid, 30c—5 lbs. or over at 30c.

MAMMOTH SMOOTH WHITE INTERMEDIATE CARROT—Price, per lb. 60c Postpaid.

GEO. KEITH & SONS
Seed Merchants since 1866
124 King St. East—TORONTO

CORN THAT WILL GROW

Money back if not satisfied

Send for Price List

J. O. DUKE, RUTHVEN, Ont.

Grasp the Full Possibilities OF A SPRAMOTOR

The profits that come from the right use of a Spramotor are so great that the average man finds it difficult to believe the facts. A potato field has been made to yield 400 bushels an acre, where it produced sufficient to before. Fruit crops have been increased 80 per cent. Wild mustard has been killed in the growing grain at a cost of 10¢ per acre. Buildings have been painted at half the cost in one-tenth of the time.

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Orchard and Garden Notes

A garden well planned is half made.

Put all seed that is to be sown now.

Golden Self Blanching celery is an excellent early variety.

Almost all flowering shrubs do best in full sunlight and good soil.

The rose requires a warm, sunny location for its best development.

Group vegetables of like culture as near together as possible. Keep the vines together, roots together, etc.

Home-made paper work. They must have drainage provided to be entirely satisfactory.

In planning the garden, lay out everything in long rows. Weeds suffer more from drought and are much harder to cultivate.

Ferns may be grown on the north or east side of a house provided they are protected from the sun.

They should have plenty of leaf mold in the soil.

Purchase spraying material and equipment needed and make a thorough study of their uses.

Plan to set out a good liberal asparagus bed this spring. No vegetable is easier taken care of or returns more for the labor expended on it than asparagus.

The Red and Yellow Globe onions are the kinds usually planted for market. Prizeaker and some other white onions are of better flavor but do not keep as well.

Sparks Earliana and June Pink are two excellent early tomatoes. Beauty, Dwarf Champion, Globe and Ponderosa are good second early and late varieties.

Go over all house plants and remove scale, mealy bug, etc. Turn the plants toward the light occasionally so that they do not become one-sided or uneven.

A Family-sized Fruit Plantation

Mrs. Arnold Bishop, Oxford Co., Ont.

Is rhubarb a fruit? This is, I know, a disputed point. If it is, I wish to state that we have raw fruit—luscious, health-giving fruit—right from early spring to late fall. The system by which we manage our fruit plantation is simplicity. It is work well worth while when we consider that our table through the summer months is always fit for a prince of the royal blood—and all because my husband believes in making the fruit produce every good thing that it will.

When we came to this place some years ago there was a fairly good orchard, but there were no small fruits of any kind. The very first season we ordered a half-dozen heads of rhubarb, several hundred straw- berry plants, 12 red currant bushes, 12 black currants, 12 gooseberry bushes (American varieties), and then sufficient raspberry, blackberry, and thimbleberry bushes to set out 30 feet of hedge. Finally we added half a dozen grape vines and our fruit plantation was complete.

Our fruit plantation is to one side of our vegetable garden. The whole thing is kept under cultivation, a fine dust mulch being preserved all summer. Everything is set out in rows. After a day's work cultivating in the field my husband will leave the field a little early and run through the fruit plantation with the cultivator.

This does not necessitate any extra hitching up, and takes but a short time. The biggest mistake that I have observed in setting out a family-sized fruit plantation is that the berry bushes are set along in rows close to the fence where, if they are cultivated at all, it must be by hand, and hence they are neglected.

We appreciate the good things of our garden, and in a few years are looking forward to still greater blessings in that direction, as we have cherries, plums and pears coming in to bearing. Apples we have already.

We are quite agreed that we get more satisfaction and more direct returns in dollars and cents from our fruit plantation than from any other part of the farm.

How Vegetables and Flowers Early

Although it may seem very early to be talking about selecting our seeds for flowers and vegetables for the coming summer, yet in reality it is high time to be making a selection and sending in your orders to the seedsmen. By placing our orders we will be able to have them filled in good time before the seedsmen become overwhelmed with orders, as is always the case at the last minute.

Those who are fortunate enough to have a nice sunny window or a greenhouse, can by sowing now have flowers and vegetables several weeks earlier than if no seeds are sown until the weather conditions will permit planting outside.

March is the month to sow onions. Select only the best varieties. A flat or shallow box should be used to plant the seed and one that is well drained. The soil should be fine and sweet, and only well-rotted manure mixed with it. By planting in this manner they can be planted outside as soon as weather conditions will permit. Lettuce, cauliflower, cabbage and parsley may be treated in the same way.

Other flowers, such as pansies, violas, carnations, salvia, petunias, and the Iceland poppy, may also be sown this month for flowering this season.

POULTRY



House for 200 Hens

Please give me a set of a henhouse large enough for 200 hens, with three compartments, scratching pen, laying pen and roosting pen, with dimensions of each. What flooring would you recommend; ground, wood or cement?—Joe O'Reilly, Port Hope, Ont.

If it is necessary to have the building divided into three compartments I would make it about 16 by 60 ft., using at least two-thirds of this space as a scratching room, and 15 ft. for roosting room, and the balance the laying room. This, however, does not seem to me to be the most reasonable procedure, as birds are just as well roosting in the ordinary scratching room; the same would be true. In such a case a house 16 by 50 ft. would be sufficiently large. This could be made of single ply boards with the cracks battened. Have the