



## POWER AND PRESSURE FOR RESULTS

This cut represents a **BEAN GIANT** 3-cylinder Pump, designed for high pressure work in large orchards. Is run by a  $2\frac{1}{2}$  or  $3\frac{1}{2}$  h. p. engine. Will supply 4 lines of hose, displacing 9 gallons spray per minute.

### Our Line of Spray Pumps is Complete Both Hand and Power

The **NIAGARA TRIPLEX** and **BEAN DUPLEX** have made a record all over Ontario for results. Let us refer you to our hundreds of satisfied customers. These pumps run every day and all day. They will supply 2 lines of hose and spray at any pressure up to 300 pounds. Built with all troubles left out.

The **BEAN HAND PUMPS** are without an equal for ease of operation at high pressure. **PRESSURE** is essential for **SUCCESS** in **SPRAYING**. Ask for descriptive catalogues.

## NIAGARA for QUALITY

This has been proved by 5 years results in Ontario. Growers who use **NIAGARA SPRAY** always find a demand for their fruit. It is the grower who tries to make his own spray or who listens to some imitator who has trouble in finding a purchaser.

**THERE IS A REASON WHY—NIAGARA** is the original and only safe **Lime-Sulphur Solution**—Highest in insecticidal and fungicidal values—Absolutely clear and uniform—Every gallon guaranteed.

**ARSENATE OF LEAD (Swift's Brand)**—Always was and is the only dependable poison.

**NIAGARA SOLUBLE SULPHUR**—The most talked of Spray in America. A new product in powder form. 100 lbs. does the same work as a 600-lb. barrel of Solution. Has all the advantages of Lime-Sulphur and has the following additional advantages. Is Cheaper, Easier to handle, Keeps indefinitely, Acts quicker, Saves freight. This material is patented and can only be obtained from us.

**NIAGARA** was always years ahead and still keeps years ahead of all competitors.

Write for our **SPRAY BOOK**, and for information on these valuable Sprays.

## NIAGARA BRAND SPRAY CO., LIMITED

Head Office: BURLINGTON, Ont. Factories: BURLINGTON, Ont., TRENTON, Ont.

## HORTICULTURE

### Orchard and Garden Notes

Test all vegetable seeds as soon as they are received.

*Calliopsis* is a desirable quick growing annual for the cut-flower garden. Go over the tools, put them in repair, and order any new ones needed for the summer's work.

Order plenty of sweet pea seed. There is no annual that is more appreciated than this.

Sow a few asters, pansies, cobaea, and hardy carnations in the house the last of the month for earliest flowers outside.

The Senator Dunlap strawberry, Beta grape, King raspberry and Wealthy apple are good fruits for the garden. Plant liberally of each.

Lilac branches may sometimes be forced into bloom by cutting them and keeping in water in a cool, moist place, gradually giving more heat until the buds expand.

Plant out a few shrubs about the yard this spring. *Spiraea Van Houttei*, common lilac, Japanese lilac, Japanese rose, Mayday tree, mock orange and flowering currant are all good for the purpose.

Golden Bantam, sweet corn, Swiss-chard, Golden Self-blanching celery, purple eggplant, Kohl Rabi, White Japan muskmelon, Sweet Heart watermelon, are all vegetables that are worth trying.

### Canadian Apples in England

W. J. Egan, Trade Commissioner, Manchester.

Direct shipments of Canadian apples from Montreal to Lancashire are some 16,000 barrels less during the season of 1912 than 1911. The big decrease is at the port of Manchester, there being some 34,000 barrels less shipped from Montreal to this port than in the shipping season of 1911. It was pointed out in the Weekly Report that owing to certain conditions, the Manchester fruit brokers would depend almost entirely on consignments. However, it is gratifying to note that the port of Liverpool increased its importations from Montreal by about 17,000 barrels. The figures for total shipments from Nova Scotia have not come to hand as yet, but there is sure to be a very large increase to Lancashire in the Nova Scotia apple.

With very rare exceptions the trade here commends very highly on the Canadian fruit and packing this year. Particular reference is made throughout the trade to the packing of Nova Scotia apples. There have been much larger shipments this season from Nova Scotia of No. 3 grade than usual, and some company shipping from there have adopted a new system, adding to the grade No. 3 such words as "ordinary," "plain," "A," "B," "special," "large," "extra large." The brokers and wholesale dealers in connection with the salesrooms here do not approve of this system, as it has the effect they claim of inducing certain people in the fruit trade to sell such fruit designated as No. 3 "extra large" as No. 1. This creates great dissatisfaction. On the other hand Nova Scotia has been shipping direct to firms who have no connection with the salesrooms, and these people of course approve of the system, as they say that for No. 3 of different grades they secure prices in proportion. As to results financially, the shipping trade of Nova Scotia will know best if it has been of advantage to make what is practically several grades in Canada's No. 3 apple. There is no doubt that generally