

Spraying Pumps.

693. SIR, —Would you please name, in an early number, the best spray pump for fruit trees?
S. B. SMALE, *Wrozetser*.

There are at least two excellent spray pumps advertised from time to time, in our columns, either of which give excellent satisfaction provided a good nozzle, such as the McGowan is used.

Planting and Pruning Raspberries.

691. SIR, —Which is the better way to plant raspberries, in hills or in rows? I notice "J. C." in the *Montreal Family Herald*, says to plant 3 feet apart in rows 7 feet apart; and "L. B. Pierce," in *Green's Fruit Grower*, is thankful that his are in hills. Which is the best variety for a commercial plantation? Should the tops be pinched off? if so, at what height from the ground and at what season of the year? Is wiring or any other kind of support necessary? A reply in next *CANADIAN HORTICULTURIST* will greatly oblige

AMATEUR. *St. Catharines*.

The choice of planting raspberries in hills, or in rows, would depend largely on the extent of the grounds. If it were important to economize space, the rows are most desirable, because in this way the most fruit may be grown on a given plot: but where land is plentiful, it will be a great saving of labor to plant in hills four feet apart each way, so that all the cultivation may be done with a horse. The best variety at present grown is the Cuthbert, although there are many new claimants for favor, among which possibly something superior. The tops of the raspberry canes may be shorn off in spring with a hedge or grape vine shears. The height depends upon the vigor of growth. The object is simply to cut away the weak portion, and thus direct the energies of the plant to the stronger buds and thus produce the finest possible fruit. No support is necessary with raspberries if cut back as indicated.

Answers to Queries. (See pages 39 and 40.)

Plum Growing.—(Question by Alum Stone, Cedar Springs.)

Washington, Lombard, Bradshaw, Imperial Gage, and Reine Claude are leading plums. The Japan plums are new and promising. Clay loam well drained is perhaps best soil: I have for sixteen years continuously gathered plums from trees on a soil that is called sandy. Barnyard manure suits plums: ashes or muriate of potash on soils previously named, might often be useful. Apricots cannot be relied upon.

In addition to hardy peaches named by Mr. Hilborn, Early Rivers and Smock may be noted. We have no peaches that are hardy beyond question.

W. I. R., *Oshawa*.

For Raspberries on a strong clay loam containing sufficient potash, barnyard manure would be better than artificial fertilizers. Ashes or muriate of potash on lighter soils are called for. Bone dust or superphosphate might be useful on a soil otherwise rich.