

FIG. 2776. THE WALLACE POWER SPRAYER.

since in *American Gardening*, made either of natural tree branches, or of smooth sticks closely covered with bark or a combination of both, as in the engraving. Vines planted at the ends and at the rear will soon cover such a seat and give a delightfully cozy nook.

### Compressed Air Sprayers

AT the meeting of fruit growers in Beamsville on the 16th inst., the Wallace Sprayer and the Tweedle Sprayer were both on exhibition, and both did excellent work. Mr. Tweedle gets a reservoir tank of galvanized iron filled with compressed air by a stationary gasoline engine, at the point where the mixtures are prepared, and this, together with another galvanized iron tank holding the mixture, is not a heavy load for the horses to take through the orchard. Mr. Tweedle had also a spar of eight or ten nozzles, which by a pulley he elevates along a vertical gas pipe, so as to spray the highest apple trees in a few minutes. The whole outfit, including the gasoline engine, is valued at about \$300, and would make a capital co-operative outfit.

The Wallace Power Sprayer takes its power from the wagon wheel, and is not so expensive an outfit. It is readily thrown in and out of gear, and a short drive

will get up the air pressure in the reservoir above the tank to 80 or 100 pounds to the square inch. The weight of the whole outfit, with a half round two hundred gallon tank, wagon and all, before adding the mixture, is about 1,400 lbs. Add to this two hundred gallons of mixture, and the turning of the power wheel, and you have a fairly good pull for a team of horses, which, however, granting the ground is firm, will not be too great. This is another machine suitable for co-operative work.

We show above a cut of the Wallace Sprayer complete, and below we show also a cut of the Little Giant Spray Pump, manufactured by the Perkins Manufacturing Co. This latter machine we have not yet seen, but judge might be useful for the individual orchardist, who does not wish to use the co-operative pump. The cost of this is from \$100 to \$125.

### Thinning Apples

TO thin our apples in such a way as to bring to maturity only the finest fruit is no small undertaking, and it is still an open question whether the work would pay for the extra work. Mr. S. A. Beach, of

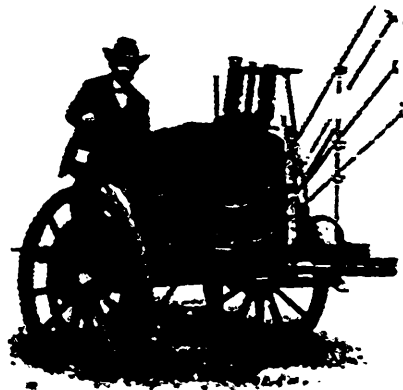


FIG. 2777. THE LITTLE GIANT SPRAY PUMP.

A Canadian invention. The pump takes its power from the wagon wheel.