

## GROWERS MUST BE PREPARED TO SPRAY

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**T**O succeed in fruit growing a man must be prepared to spray and spray carefully and regularly just as he prunes or cultivates his orchard. Apart from the advantage to the fruit spraying is of great benefit to the trees. They are more thrifty and hold their foliage considerably later in the fall.

It is impossible for me to state how much any fruit was increased in value as a result of spraying last season, but I do know that I had no unsaleable fruit on my farm last year, and that by the use of lime and sulphur I had good crops of plums and peaches. Though curl leaf was prevalent I had none on any of my peach trees, except 40 or 50 two-year-old Yellow St. Johns which I had not sprayed.

Mr. Blaikie, a neighbor, and I purchased a Niagara gas sprayer, worked by liquid carbonic acid gas, last February. I cannot say how many trees we sprayed in an hour, but we put 600 gallons, wine measure, of lime and sulphur on in a day, and we were novices. The mixture was applied

very thoroughly even wastefully. The lime and sulphur mixture is hard to put on as it clogs the nozzles. We had to fill the tank bucket by bucket instead, of elevating the barrels or pouring in by means of a long funnel, as we shall do in future. With sufficient nozzles 1,200 to 1,500 gallons can be put on by three men in a day. The machine saves time, labor and material. I had previously used a hand sprayer, and if I had to pay twice what I did for the gas sprayer I would do it sooner than waste time with a hand sprayer, which is as much behind the times as a hand reaper.

Lime and sulphur will not only control San Jose scale, but make it a blessing in disguise, as those who do not spray will inevitably go to the wall. If I had no scale I would spray with lime and sulphur as a fungicide. By applying the Bordeaux mixture in time last season I succeeded in checking a good deal of rot in my plums and sweet cherries. If applied early and frequently the Bordeaux mixture will check the black rot in the grapes.

## NEW BRUNSWICK FRUIT GROWERS ORGANIZE

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**A**S secretary of the newly organized New Brunswick Fruit Growers' Association it is my duty to inform The Horticulturist of what has been done towards organizing the horticultural interests in this province. In December a meeting of maritime horticulturists was held in the Winter Fair building, Amherst, where the New Brunswick Fruit Growers' Association was organized with provisional officers as follows: President, J. C. Gilman, Fredericton; vice-president, Geo. McAlpine, Gagetown; secretary-treasurer, W. D. Albright, Sussex, and a director for each county.

The next meeting was held at Frederic-

ton, January 27, the evening following the convention of the New Brunswick Farmers' and Dairymen's Association. A constitution was adopted along much the same lines as that of the Nova Scotia Association and officers were re-elected with the addition of a separate treasurer in H. Wilmot, of Oromocto. A profitable session was held. The membership numbers 32, and the balance of funds on hand is \$27. It is hoped a grant will be received from the local government and to carry on an active campaign of educational and cooperative work. Among the things to be taken up is the purchase of nursery stock for members. Only