deaux and either lead arsenate or Paris green; second, with Bordeaux half strength, and lead arsenate two pounds to the barrel. This is the most important spray of all, and will be done the fruit crop has been doubled by your giving it very thoroughly, using a tower on the wagon and a long bamboo rod, so as to get above the limbs and force the spray mixture down into the blossom end of the fruit. The third spray will probably be Bordeaux only, applied two or three weeks after the blossoms fall. Lime-sulphur, diluted to The orchard was plowed two to four inches summer strength, may be used on part of the deep about the first of May, afterwards harrowed orchard, instead of Bordeaux. While the results and disked several times to conserve moisture, of the spraying this year have been most convinc-

ing and satisfactory, they were not quite so good as they would have been had the work been more thoroughly performed. While our sprayers were painstaking intelligent, men, still, it is hard to impress on those who have never done spraying before what thoroughness really means.

COST OF SPRAYING.

A few particulars as to the cost of spraying may not be amiss. The total outlay for spray materials was \$24.95, and for labor of spraying, \$45.50. Deducting the material used for the first and fifth sprayings (which will probably be unnecessary next year), we have \$15 as the cost of materials (lime, bluestone, Paris green, and lead arsenate) used for the other three sprayings. The labor cost for these three appli cations was approximate ly three-quarters of the

member, this includes liberal wages. For mateper tree. As to results, let the owner of the orchard speak. Here is Mr. Poole's own statement, submitted in writing

THE OWNER'S STATEMENT.

"With your permission, I would like to state a few simple facts with regard to your experimental work in our orchard. In the first place, we noticed quite a difference in the foliage from other years, after the second and third spraying. The leaves had that dark-green, healthy appearance, which they retained all through the dry spell. They did not have that shrivelled-up appearance that we have noticed in former years. In the second place, we were soon convinced of a most decided change in the appearance and shape of the apple. Other years we had quite a number of one-sided, scruffy, scabby apples that were scarcely fit for the evaporator; fully fifty to seventy-five per cent, of the apples were not fit to ship. But now, Mr. Editor, the buyer can back me up in what I am writing; that is, we have shipped seventy-five per cent. of all the apples picked, and more we could have packed as No. 1 apples had they been gathered before the heavy winds that prevailed this fall. We have had experienced buyers and packers through the orchard this fall, and they all seemed surprised at the difference in our fruit from other years, and I firmly believe that, through lack of a little help and perseverance, I have lost many a dollar by not taking proper care of my orchard, and I feel sure that your experiments would be a benefit to

THE BUYER'S OPINION

the packing and grading of the fruit we received ports from Manchester show that the parties retailing it were well pleased with the fruit. own orchard, were sent to a Western dealer, who I could ship him equal to the sample, but I was not in a position to sell. He also wrote me, saying these apples are the best that ever came into Regina. That market is full of fruit of poor grade, which can be bought at almost any price. This quality of fruit sets its own price. If farmers would only wake up to the fact that they can broduce the best quality of fruit in this country that care la grown in any country under the sum and then considered), and that the product of such an chard is the best-paying crop a farmer can i it would only be a few years until the y our apple-producing districts could, with pro-attention, be doubled in value. As to may ob-vations regarding the results items the work

your experimental orchard, I would say, comparing the crop of this year with that of any previous year I have seen this orchard, the value of proper attention and spraying. The results in my own orchards have been the same. LEWIS JONES.

CULTIVATION AND COVER CROPS.

The orchard was plowed two to four inches aerate the soil, and keep down weeds. May and strictly choice, 289 boxes were put up, besides a



Arabian Donkeys at the Royal Windsor Farms.

whole, or, say, \$31.00.

Thus, the combined cost of labor and material the greater part of June were drenching-wet, but two men under him. for these three usual and more important afterwards a severe and prolonged drouth set in, sprayings was \$49.00. This figures out to continuing until late fall, relieved only by light \$16.33 per acre, or 331-3 cents a tree. Re- and infrequent showers. Thickly planted as these rial alone, the average cost for the three spray-ings would be \$5.00 per acre, or about ten cents deed, considering the rather scanty bloom, the load light, compared to that in many other orchards.

moth clover, rye and oats, were sown for com-

A small fertilizer experiment was conducted with material supplied by the Dominion Agricul-



for No. 1's, and \$2.25 per barrel for No. 2's, f.o.b. St. Thomas. They were graded strictly, and Mr. Jones was exceedingly well pleased with the fruit. Several local orders were filled, at \$1.25 a box. delivered in town. Severe wind, lack of color, and drouth, with the few worms and scab spores left, and a strict system of grading, combined to throw a considerable quantity of apples into the No. 3 grade. These are still on hand as we write, but will be marketed shortly, and are estimated to be easily worth \$75.00 net. This item is, therefore, Of No. 1 winter fruit. included in the estimate.

few bags and barrels of this grade marketed locally. Of No. 2's, 206 barrels were disposed of.

fixcepting the early varieties and a few winter apples, picked before packing commenced, the method was to pack on a canas fast as the picking was done, the fruit being picked, and the packages hauled to the barn each ployed for packing on one or two days, and are betbut considerations of weather and propriety presented us employing riod of packing, and ren-He received \$2.00 a day.

146,014	
Reat of orchard	\$100.00
Equipment, spray pump, lad-	
dels, scales, presses, etc	80.90
Spray materials	24.95
Labor, pruning	16.80
Labor, spraying	45.50
Labor, plowing and cultivating	22.75
Labor, plowing and curer acres	
Labor, picking, packing, and	163.80
teaming	10.55
Seed for cover crop	82.10
Packages, barrels	
Packages, boxes	16.50
Freight, Lambeth to St.	
Thomas	24.00
Miscellaneous expenses	33.98
ALTERNA ALCERTA ANALES AS PER	

\$816.95

Bosom Friends.

tural tell ees of the Potash Syndroate Owing to the rather late date of application, no paraular results were expected this year but observations will be continued next year, and in 1911

other hand, the treate end given may be expected to except to very to vear so that, with fair prices, 1911 should yield telter profits than 1909. However, let the future tell its own fale, Meantime, think will be continued next year, and in 1911

other hand, the treate end given may be expected to year to vear so that, with fair prices, 1911 should yield and quality from very to year so that, with fair prices, 1911 should yield refer the prices of the Farmer's Advocate? has well be continued next year, and in 1911