

diluted with 500 gallons of water to the pound. This poison is more likely to injure the foliage of fruit trees than are the other arsenities, being more readily absorbed by the leaves.

A REMEDY FOR APPLE SCAB.—The most approved fungicide and the most economical one, which has yet been suggested for destroying the apple scab, is ammoniacal carbonate of copper in its improved form. It is prepared as follows:

3 oz. carbonate of copper,
1 lb. carbonate of ammonia, and
50 gallons water.

Mix the carbonate of copper with the carbonate of ammonia, pulverized, and dissolve the mixture in two quarts of hot water. When they are wholly dissolved, add the solution to enough water to make the whole quantity fifty gallons.

The carbonate of ammonia can be purchased at 15 cts. a pound, and therefore the cost of the whole fifty gallons of this mixture, counting the copper carbonate at 60 cts. a pound, would not be more than 30 cts.

THE RUSSIAN APPLES.—We feel sure that the Russian apples sent out this spring will give satisfaction. All except the Golden White were grown by Mr. Craig at the Experimental Farm, Ottawa. They were all rooted, and have come to us in good order, and we hope our subscribers will have success with them. The following is a list of the varieties sent out, additional ones being added because there were not enough of the Sari Synap and Stone Antonovoka: Plovovitka, Arkad, Sari Synap, Stone Antonovoka, Titovka, Lebedka, Kara Synap Golden White, Polu Miron, White Pigeon, Round Borsdorf, Winter Stripe and Saccharine.

LAWSON VALENTINE.—The death is announced on the 5th of May, of Mr. Lawson Valentine, at his home, Houghton Farm, Orange Co., New York. To many of us, this gentleman is known as the moving spirit in the publication of the *American Agriculturist*, *Rural New Yorker* and the *American Garden*. His capital had been made in mercantile life, but as a matter of choice, he had devoted himself latterly to experiments in agriculture on a large scale on a tract of land which he named "Houghton Farm." Here he had proposed to conduct experiments after the manner of those carried on by Messrs. Lawes & Gilbert, of Rothamsted, Eng, purely from philanthropic motives. The loss of such men seems like a universal calamity.

FRUIT INSPECTION.—The Committee of our Association to whom this subject was entrusted at the winter meeting last December, interviewed the Hon. John Carling, the Minister of Agriculture for the Dominion, on Friday, May, 1891.