

attention of both pupils and parents by the larger yields thus obtained. The crop resulting from good seed has been compared with the produce of poor seed of the same variety, but the most satisfactory experiments have been those made with potatoes, both in comparing the different varieties and in showing the advantages of using the Bordeaux mixture to keep the plants free from disease.

The effects of spraying with the Bordeaux mixture were eagerly watched by the surrounding farmers, and the results were considered remarkable. In 1904 the sprayed plots in two gardens yielded 30 per cent more than the others, while in one garden the sprayed potatoes produced more than twice the quantity of marketable tubers dug from plots which had received no Bordeaux mixture. In 1905 spraying added over 10 per cent. to the crop in three gardens, 25 per cent. increase in one garden and 50 per cent. in another being the best results obtained.

Seeing potatoes grown under scientific treatment, which when dug yield over 100 bushels per acre more than those grown as their father's manage the crop, makes a more lasting impression on embryo farmers than any number of lectures or reports. This work in the school garden will bridge the chasm which has in the past existed between the experimentalist and the practical farmer, and, if these experiments with potatoes lead a fourth of the farmers in the district to adopt similar methods in their own fields, the community will be yearly enriched by cash returns many times greater than the cost of maintaining the school garden.

The aim of this part of the school garden work is not to teach technical agriculture but to lead to such an appreciation of scientific methods that pupils will come to regard the work of the scientist with favor, and be ready to accept his improved methods to aid them in more successfully meeting the conditions of modern life, whether that life be spent in the office, the workshop or on the farm.

The teachers in the schools where the gardens have been maintained for two years, have all declared that the results have surpassed their expectations, and they favor a continuation of the