

can be grown in our light loamy soils, but probably the season is not warm enough. The best soil for potatoes is a rich loamy sand, not too wet nor cold. The best fertilizing elements are nitrogen, phosphoric acid and potash. Nitrogen is obtained from the air, phosphoric acid from bone meal, and potash from wood ashes. Chinese Yam. This vegetable is valued much as a flowering vine. The tubers are valuable for food, boiled or roasted. They will grow a second season if left in the ground.

The root crops have become of importance in Ontario. The sugar-beet ranks high as food for cattle. In England the mangold-wurzel is taking the place of turnips as food for cattle. Root crops are of benefit in keeping the land clear.

In reply to questions, Mr. Page said he thought Paris green was best applied mixed with plaster of Paris. The Chinese yam could be procured from Bliss, New York. Mr. Arnold thought from experience the Chinese yam was perfectly useless. Mr. Saunders, London, thought the best way to apply Paris green to potatoes as a destroyer of potato bugs was by mixing it with water. Mr. Saunders spoke of a substitute for Paris green called London purple, the main ingredient in it being arsenic; but it was variable in its action, and not so good as Paris green. Mr. Jarvis, of Stratford, thought the Chinese yam was a failure, and the sweet potato a delusion and a snare in this country. Respecting the potato bug, Messrs. Buck, Ottawa, and Jarvis, Stratford, were hopeful, saying they believed the insect was gradually disappearing from those sections. Mr. Saunders thought the insect enemies of the bug were making great war on it, and the climate last year had been adverse to its production. This appeared to be the opinion of a majority of the gentlemen present.

Mr. Page was pleased at the discussion his paper had brought out, and believed the yam would make a pretty creeper, if otherwise worthless.

Mr. Woodward thought the Chinese yam would not be a success as a vegetable, and that this climate is not suitable for the Colorado beetle.

#### ROSES.

Mr. Beall, Lindsay, named twenty-four varieties of roses.

Mr. J. Wellington considered the Duchess of Edinburgh an excellent rose. The impression that Canada is not a country for roses is not