

and to our taste, a vineyard trained in this way is less slightly than the latter method.

We here give an illustration Fig. 54 of a three year old vine trained on the Kniffen system, according to which four main arms are allowed to grow, two at each vine. These four main laterals remain from year to year, the young wood being cut away each fall or spring, as in Fig. 55.

Force Pump.

58. I WOULD like to know what is the best kind of force pump to use in a small orchard of apple trees, of say half to an acre in extent for the purpose of spraying with Paris green.—A. RONALD, *Minesing*.

We think the hand force pump made by Messrs. Beecher Bros., London, very satisfactory.

Hardy Crabs.

59. PLEASE give a list of valuable Hardy Crabs.—A SUBSCRIBER.

Reply by Mr. Charles Gibb, *Abbotsford, Que.*

My choice of crab apples are (in order of ripening).

1. Early Strawberry (of Minn), ripens with Red Astrachan.

2. Whitney's No. 20 (of Illinois).
 3. Gibb (of Wis.) from Yellow Siberian by Fall Greening produced by G. P. Pfeffer, of Pewaukee, Wis.
 4. Brice's Sweet (of Wis.) from Transcendent and Bailey's Sweet.
 5. Orange (of Minn).
 6. Lake Winter (of Wis.) from J. C. Plum, of Milton, Wis.
- My choice of three kinds would be (in order of preference) Whitney's No. 20, Gibb, and Brice's Sweet.

Red Flowering Shrub.

60. Do you know of some shrub for the lawn with red flower or berries that would be more desirable, as flowering over a longer period than Paul's Red Thorn.—A. R., *Minesing*.

Paul's Double Red Flowering Thorn is one of the very prettiest of small trees or shrubs that we know of for the month of June. The Japan Quince is a very showy flowering shrub, blooming in May. For showy red berries hanging through the winter, we commend the "Black Alder or winter berry," a native of swampy places, if a suitable spot can be found.

— OPEN LETTERS —

From Mr. R. McKnight. A Correction. Boxes for apple-shipping.

SIR,—The *HORTICULTURIST* came to hand this morning. On opening it I was surprised to find my own "phiz" looking me in the face. I suppose there is more or less vanity in the composition of every man, and mine was not a little excited by your flattering notice.

I see a typographical error in my letter as published. It was not "three or four barrels" I had sent me to London, but three or four *hundred* barrels. The fact is I had two lots sent me. The first lot was sent forward in *bushel* boxes and the second in barrels as directed. The boxes sold quite as well as the barrels. I got the idea of sending in boxes from the Australians, who sent their fruit to the Colonial in this form, and they arrived in London in excellent condition.—R. MCKNIGHT, *Ocean Sound*.

The Crandall Currant. Use of Paris Green and London Purple.

SIR,—In looking through the welcome June number of the *HORTICULTURIST*, which was delivered this morning, I notice your article on the Crandall Currant, that you have received a plant and also a twig of the green fruit, which twig of fruit I should like to see. I should have reported to you sooner on the Crandall Currant bush, only I was waiting to see if there would be a bloom upon either of my two plants. They are growing nicely. I planted them out very carefully when I received them, and I had them protected the night of the hard frost, so that they did not get hurt at all. I am very pleased so far with action and appearance. I will report again in regard to them. I see also in this number some remarks upon the good qualities of London purple vs. Paris green. Now I will give a little account of experience