

## PROFITABLE APPLES.

**510.** SIR,—I have a few trees, such as Greening, Blenheim Orange, and Wagner, that ought to be grafted. What kinds would be the most profitable?

S. K. MERCER, *Burnhamthorpe*.

We would recommend our correspondent to try Duchess and Gravenstein for summer and fall apples, and Wealthy, LaRue and Ontario for winter apples. They are large and profitable kinds.

## GRADING APPLES.

**511.** SIR,—I saw an article in your paper on the proper method of grading apples, which I do not understand. If I had to grade them up to that size, I would not have one barrel out of four or five from a tree, fit for shipping. Suppose an apple would measure  $3\frac{1}{2}$  or 4 inches across, how much smaller would go in for first class?

S. K. MERCER, *Burnhamthorpe*.

Our correspondent does not quite understand the object in publishing the scale of sizes. It was simply for use in describing fruit. There is so much confusion in describing apples, some writers differing very much from others in what they mean by large or small.

## INSECTS ON CELERY.

**512.** SIR,—I have a quantity of fine celery and am much troubled with "snails and elaters." Is there anything I can do to drive them away? The soil is black muck and grows celery finely.

Geo. C. BASCOM, *Galt*.

*Reply by Prof. James Fletcher, Entomologist, Central Experimental Farm, Ottawa, Ont.*

I wish your correspondent had sent you specimens of what he called "snails and elaters." His snails, I opine, are slugs, and with regard to elaters, is it the grubs (wire worms) or the perfect beetle, to which he refers? I imagine that by this time the celery is being dug, and what is wanted is a remedy for next year. For slugs, frequent dressings with freshly slacked lime, sown broadcast over the beds at night time, have proved the best remedy. For wire worms we have no satisfactory remedy. Prof. Comstock, of Cornell University, after careful study has only been able to prove that many of the reputed remedies were useless, such as sowing salt and the cultivation of buckwheat and other crops. Plowing as late in the fall as possible is considered useful, also the destruction of the insects by poisoned baits spread over the infested ground.