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.. THE ..

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Notes by the Way.

Horse-hoe.—A very fair specimen of a horse-hoe we saw at work the other day, on a farm at Ste. Anne de Bellevue; it had one or two imperfections that could easily be remedied; these were, in the first place: too many hoes; secondly, improper angle of the two hinder side-hoes; thirdly, too short stilts.

1. There is no need for more than three hoes on any horse-hoe, if the three are properly placed. The front hoe should be of a fair breadth, and have a slight "pitch" or incline, downwards; this will keep it in the ground and tend to steady the working of the implement. The two middle hoes only serve to gather rubbish, and should be abolished: a horse-hoe and a *drill-grubber* are two different implements.

2. The two hinder side-hoes are very properly curved so as to cut the sides of the drills, leaving but a couple of inches for the hand-hoe to attend to; but they are placed in an improper position, the points or ends being opposite the one to the other, instead of which, a twist being given to the stem of each, one hoe should overlap the work of the other, and, the proper inclination or angle being given, the weeds and the rubbish would glide down the blades and no longer hinder the work of the hoe. An engraving of a rough implement we had made, 14 years ago, at Sorel, will give a good idea of what we mean, as to the position of the three hoes, only, it must be observed, the maker, in his first coup d'essai omitted to give the proper curve to the two side-hoes; this was afterwards remedied. See Journal for 1889.

3. The stilts of the implement are too short, and therefore the whole affair is unsteady in its work unless the hoes are let deeply into the

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