302

### It Does the Work!!

VERY farm paper tells you to "cultivate." It is good

EVERY farm paper tells you to "cultivate." It is good advice. The great question with you is, "What machine?" We say right here that this is one of the very best Spring Tooth Cultivators or the market.

Why Becauss the "Champion" has a frame of best heavy steel, braced with strong steel braces securely rivet-dpart topart—man as substantial, long-wearing Cultivator. A colid steel arle carries to frame as extensions on Ford & Wood "Champion" Cultivators as sections, and these sections on Ford & Wood "Champion" Cultivators designed. Each section can work ind-pendent of the others, when negative ground is encountered. True yadapt themselves to all inequalities of the land. That means every bit of your field cultivatid—nothing missod—were upon post self—ull weeds out or torn out by the roots. This is applied by that convenient lever in front and put on all teeth at The Section—they seem the work of the work. Teeth are made of best quality Spring Steel. Each has deper Spring to lend additional strength when working hard land.

The 2-inch narrow points on "Cham-

working hard raine.
The 2-inch narrow points on "Cham-pion" Cultivators are reversible— which means double wear. For weed which means double wear. For weed or thistle cutting wide points are supplied—change can be quickly made. You should get this "Champion" Cultivator. It will prove a valuable asset to any farm.

Ask us for Booklet on Seeding and Cultivating Implements. A post card will do.

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## жееееееееееееееееее HORTICULTURE

Advocates Mulching Trees Samuel Armstrong, Peterboro Co., Ont.

Is this theory any good? There, are large sections in Ontario where farms can be had very cheaply that are admirally suited so far as sort climate is concerned to produce the highest quality of apples. They are, highest quality of apples. They are, however, so worn out with constant cropping and so full of quack, sow thistle, mustard, and so forth that the thistle, mustard, and so forth that the cost of manuring and cleaning the land makes the cost of getting an orchard into bearing on such land al-most prohibitive. Here is my usea of how such land could be made to grow good orchard at a minimum of ex-

Donse:
Plant trees in rows 50 feet apart
and 30 feet apart in the row. Cultivate the first year, then about July
sow a strip of alfalfa about 35 feet in
width down the wide rows. The
mover would be run over this before
the weed seeds are allowed to move the and everything raked over around the and everything raised over alound the trees. In succeeding years the only thing to do would be to run the mower over the whole orchard three or four times a year, and fork every-thing near the trees.

My experience in mulching fruit has been somewhat limited, but where tried I have found results always good. Now, Mr. Editor, I would be pleased if some of the readers of Farm and Dairy would give their experience and Dairy would give their experience or opinion of this method of orchard treatment. One thing I am sure of and that is that the cost of this system and that is that the cost of this system would only be a fraction of the ex-pense of any other plan of getting moisture and fertilizer at the same time.

### Best Varieties of Potatoes

What is the earliest variety or varieties of potatoes, and also which are the best quality and best producers?—N. R. best quality and best producers?—N. R. Trials made at the Central Experimental Farm, Ottawa, would indicate that the best varieties of early potates are Rochester Rose, Early Othio, Irish Cobler, Eureka Extra Early and Rayges. Bovee.

In the same trials the most pro-In the same trials the most productive variety of early potatose was the Rochester Rose, the average yield bushels. The most productive varieties of all were the medium late sort, Dalmeny Beauty leading with an average production of 270 bushels. All of the varieties of a row of cool and the varieties of a row of cool onality. ed are of good quality

#### How Many to the Acre

The number of trees or bushes necessary in order to set out an acre of land often trouble the would-be planter. In the following table the trees or bushes required per acre for both the square and hexagonal method of planting are given and will save much alculation :

Distance Triangular Square 4) feet apart 155 505 1,600 10.560

If you have poor varieties, graft. It is not hard work.—J. Clark, B. ant Co., Ont.

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