Soiling Crops for Milch Cows.

The advantage of having a few acres of t the cows giving milk during the season of the year when the pastures have become lard, Esq., answers as follows in Moore's nearly bare from the combined causes of a Rural New Yorker:

Milk varies in quality at different seasons dry atmosphere and the close grazing of Milk varies in quality at different seasons stock, are as yet very little thought of or understood by our tarmers. From the end from the period of calving, and from various of haying and harvest, until the cool fall other circumstances affecting the cows rains set in, is the time at which milch toward the close of the season, when cows cows will give the largest quantity and best begin to fall off in milk, it is richer and will quality of milk either for cheese or butter make considerably more cheese than the making, and to allow them just in the mek same quantity yielded by them in June of their very best time to fall off in their yield of milk, for want of a little extra feed-making, the purchaser should fix a price for ing, beyond what they can then get on the the whole season's milk, or else make two browned-up pastures, is a very poor policy prices, one for the summer and the other for indeed. For let it be remembered that once the fall milk, the yield of milk fails off, it cannot again be smart boy can easily cut, and convey in a pounds, or less, of milk as their average. wheelbarrow or eart to the byres, twice a | In New York the milk is not generally day, enough fodder for ten or tifteen cows, without expending more than four hours' is made up into cheese for patrons at a fixed work at it. One of the best crops for this price per pound. The system, therefore, of purpose is Indian corn, drilled in rows just weighing the milk at the factory is often very wide enough apart to enable the land to be loose. Manufacturers desiring to make a fakept clean and well tilled with a cultivator vourable record, not unfrequently give light or horse-hoc. The seeds are dropped about weights, taking a few pounds every day from six inches apart, in a light furrow made by each patron for the purpose of making it apthe plough, and covered by harrowing the pear that a large yield of cheese is produced way of the forrows. Sow a succession of from the milk. The competition among facrows from the end of May to the beginning of tories and manufacturers fosters this kind of July. The first sown will be ready to cut by deception, and, although patrons may not the time the drought begins, and the last lose anything from it pecuniarily, since all of sown will be ready to use early in Septem- the cheese made from the milk belongs to ber before frosts come, and what is then left them, still the practice is an unwarranted demay be cut and cured for late fall use.

an acre of Indian corn, drilled in under this when genuine weights have been given. plan, especially if the land is rich and well. In purchasing milk, we should advise, then, crop an exhausting one to the soil,

peas, oats, rye and tares, but, of course, will keep him advised as to his operations. not remain green so long, as, when the seed rated the grass fields.

Milk and Milk Testers.

In reply to the enquiries-How many some kind of crop, from which to cut fodder, pounds of milk will it take to make a pound to be fed out in a green succulent state to | of cheese-what are the best instruments for the cows giving milk during the season of testing the quality of milk, etc? X. A. Wii-

Toward the close of the season, when cows

At the New York factories ten pounds of recovered during that season. Many will milk are usually taken as an average during doubtless consider that the extra expense of the season for one pound of cured (marketcutting and carrying the folder to the yard, able) cheese. This is considered a saie estiwhich is the proper place to serve the feed, mate, though some factories occasionally overwill be too great at a busy season; but the run this quantity, while many others report fodder can be grown near by, and a good a pound of cured cheese from nine and a half

purchased by the proprietors of factories, but ception, and serves to cover up wastefulness It is astonishing how large an amount of and want of skill in manufacturing, besides green fodder for soiling can be obtained from throwing a doubt as to the accuracy of reports

tilled. The corn is let to use as soon as that no less weight than ten pounds of milk it is three feet high, and continues to be be taken as an average for one of cured' green and succelent till after flowering, for cheese, and it will be well for the purchaser when closely grown in this way, the cars to keep a full record in his books of all milk are small, and do not draw the juices out of deliveries, weighing the cheese as it comes the plant to any great extent. Nor is the from the press, and marking upon it the weight and date of manufacture. When the

not remain green so long, as, when the seed forms, they quickly ripen, and their stalks milk consist of two equal glass jars or cream that a free discussion on the benefits of scien-become dry. A large armful of folder twice gauges, one per cent. glass, and a lactometer. The cream gauges are graduated so as to determine the quantity of cream that may rise meteorology, might not be out of place alongwill, together with what grass can be had on on any specimen of milk. The lactometer, side of our animated assertions about "pear the pasture, be sufficient to keep up an when used in connection with the cream blight," "frozen sap," or "fungous growth." whether milk has been diluted, unless it has the simple but prevalent principles of light, rated the grass fields. its specific gravity.

Horticulture.

EDITOR-D. W. BEADLE,

CORRESPONDING MEMBER OF THE ROYAL HOR TICULTURAL SOCIETY, ENGLAND.

Fruit Growers' Association of Ontario.

At a recent meeting of the Fruit Growers' Association a resolution was unanimously passed that the President and Secretary should be instructed to prepare a prospectus of the objects contemplated by the Society, for gratuitous distribution among the members and others.

In pursuance of this appointment, the following synopsis is respectfully submitted to the consideration of our Provincial fruit

Article 11 of the Constitution comprises the following summary: - "Its objects shall be the advancement of the SCIENCE and ART of fruit culture, by holding meetings for the exhibition of fruit and for the discussion of all questions relative to fruit culture; by collecting, arranging, and disseminating useful information, and by such other means as may from time to time seem advisable."

A wide field is thus opened up to us by the framers of our constitution-room enough on the one hand for the discussion of abstract and speculative principles, and on the other, verge for the most acute, or it may be, the most prosy performances in practical garden-

The aim and ambition of our Fruit Growers' Association is, directly and indirectly, to lead the votaries of horticulture to the study of vegetable physiology. The highest delights of horticulture are to be derived from a knowledge of the growth of the different species of fruits, and the functions of the various parts of plants; of the principles that govern and regulate growth and maturity, the formation of wood and the production of fruit.

Meteorology, too, looms up as a necessary adjunct to the success of the gardener Pomologists and fruit-culturists in the United States fully realize the importance of this branch of science as materially modifying the circumstances of weather, -heat and cold, drought and moisture-which affect the labours of the horticulturist. The philosophi-Besides corn, other crops can be grown for cheese is marketed, its weight and the quan- cal discussions on this subject in horticultural the purpose of cutting for fodder, such as tity of milk required for its manufacture will assemblies or conventions in the United States are worthy of our imitation. It may The instruments generally in use for testing not perhaps be amiss to hint to our members, I moisture, heat, or its negation, cold. How