the first question of my correspondent would purity of flavour in our warm climate a much sity, bad flavour, and ill-keeping quality of that bungling and incompetent makers fail, and they condemned the product of our chanical operation, are refuted. darries to a very humble place in the markets second question advanced by this cheeseof Great Britain. How to avoid these ills maker, I will give a moment's attention. became the study of cheese-makers, but up Ordinarily the hardening of the curd takes to about 1865 the agency of acidity or sour- place at the same time that the acidity or ing the curd to a certain extent, to accom- "change" mildly puts in an appearance. Inplish this purpose, was Attle understood and deed the former is an indication of the preless practised. The fear of having sour sence of the latter. And yet the hardening cheese had deterred cheese-makers from may occur without the souring, at least to a venturing into this unexplored and forbid- good degree, for the term "hardening" is ding field of inquiry. The chaese generally too general and indefinite a term when approduced at that time was full of holes, and plied to curd, to enable one cheese-maker to it not used when about thirty days old, it determine just what is the condition of a speedily took on a sharp, pungent, acid curd which another maker calls "hard," thavour, very objectionable to those whose unless he can see and handle it. If I was tastes in cheese are educated to appreciate a really fine article. Thoughtful cheesemakers noticed that sour cheeses were invariably solid-very nearly or quite free rom these pores or holes-and this observation led them at longth gradually to experiment and see whether this same acidity, which in the form of sour cheese was very objectionable and dang garg, might not be used to advariage if carried to a certain limit and kept well under control. The result was successtul beyond the highest expectations of the lew cheese-makers who here and there had been investigating the matter, and eventually there was wrought a revolution, quiet and unestentations, and yet real and wide-spread, in the system of cheese-making in the best dairy regions, and in the principles governing that system. At first the idea met with opposition, sometimes with ridicule, but it has but fremently are better liked by retailers wen its way into almost universal practice. I remember that at the Dairymen's Conven- and more tasteless ones which suit the foreign tion in 1864, when this idea of purposely market so well. Where such cheeses are souring curd slightly first began to be preferred, and meet with ready sale and full broached, a gentleman largely and success- prices, it is more profitable to manufacture fully engaged in the manufacture of cheese them, because a slightly larger yield of cheese in Western New York opposed the new idea is obtained from the milk than by the other very strenuously, and in the report of the process. - GARDNER B. WEEKS, in Cultivator. operations of his factory for that year, he says :- "I want the milk to be sweet when set, want it sweet during the working, and want the curd sweet when put in press. I have no sympathy for sour milk or sour cheese." The next year he came to the Con. his father used, and it is said that not a vention a thorough convert to the new prin- pound of inferior butter ever went to market ciple in cheese-making, which he had before with that sign upon it. He keeps his milk so vigorously opposed. A proper degree of pantry at a temperature of 55 degrees Fahr. acidity or souring or "changing" in the Philadelphia butter has obtained a high recurd before removing it from the whey, or at putation for its delicate colour and exquisite least before salting, results in a cheese close flavour, which in all first-class butter are due and solid in texture, purer and cleaner in almost entirely to the cleanliness and care flavour, and of a character to retain that used in the manufacture.

be-much, every way. From the time that longer time than it otherwise would. With the cheese-factory system began to extend such cheese, too, there is far less trouble from beyond the immediate region where it origin husting or bulging and from getting out of nated, and American choese became an shape, than with softer descriptions of cheese. article of export in any considerable quan. Of course it is a fine point to be able to tell tity-say, from 1861 down to the year 1865, precisely the condition of the curd at this the great complaint of cheese-dealers, ship- stage, and to know how far it is safe to allow pers, and English consumers, was the poro- the acidity to advance. And it is just here Fruit Growers' Association-Autumn American cheese. These three ailments and it is here that the arguments of those seemed to exist together almost invariably, who consider cheese-making merely a me-To the troubled with curds hardening prematurely I would use less heat, and apply it very slowly and gradually. Many good cheese-makers believe that a temperature of 90 degrees to 94 degrees gives better results in cheese-making than to warm the curd to 98 degrees or 100 degrees, always provided the milk is in a condition to give full and ample time in elaborating it into cheese. The third question proposed has been partially answered in the remarks that have preceded. Curds taken out when perfectly sweet, cure faster than those which are allowed to sour a little; indeed, such cheeses are generally fully ripe and realy for the knife when thirty days old. If not promptly used then, they deteriorate in quality and assume a sharp tlavour-go into a species of decay, in fact. Cheeses thus made are quite unfit for export, in our home market than the closer-made

> PHILADELPHIA BUTTER.—One of the Philadelphia dairymen, who never sells for less than a dollar a pound, puts up his butter in pound rolls stamped with the same stamp

Morticulture.

EDITOR-D. W. BEADLE, CORRESPONDING MEMBER OF THE ROYAL HOR-TICULTURAL SOCIETY, ENGLAND.

Meeting.

DISPLAY OF TRUIT.

The Fruit Growers' Association of Ontario held their autumn meeting at Goderich on Friday, the 15th September. There was an extensive display of fruit, which was exhibited in the Drill Shed, where the Goderich Horticultural Society were holding their Fall Show. The combined collections of fruit were very tine. Most of the day was taken up in the examination of the fruit on exhibition, and it was not until four o'clock in the afternoon that the Association met in the Court House for the discussion of matters of interest to themselves.

The prizes offered by the Association were keenly contested. In the twenty varieties of apples the prize was taken by Mr. John Freed, of Hamilton, who also carried off the premier prize for the best twenty varieties of pears, and for the best dozen quinces. In apples, Mr. J. Stewart, of Goderich, was second, and Mr. James Torrance, of Porter Hill, was third. These were all very fine samples of fruit. In the twenty varieties of pears, Mr. Geo. Leslie, Jr., of Toronto, was second, and Mr. M. D. Baldwin, of Brantford, was third. The collection of pears to which the premier prize was given was one of the finest samples ever exhibited in this Pro-

The collections of grapes were exceedingly fine, and some of the samples laid upon the table for exhibition merely were such as to call forth expressions of astonishment from every one. Three bunches of the Wilder grape (Rogers' No. 4) were of surpassing size and beauty. They weighed respectively sixteen, eighteen, and twenty ounces, and were the growth of Mr. Matthew Bell, of Hamilton. It was stated by gentlemen at the meeting, who had seen the grapes growing on the vines, that no ringing of the vines had been practised. The highest prize for the best collection of ten varieties of grapes was given to Mr. W. Haskins, of Hamiton; the second to Mr. John Freed, of the same place; and the third to Mr. A. M. Ross, of God-

The display of plums was very fine, though the greater number of fine varieties had been ripe for some time, and were mostly gone. Goderich and vicinity has been famed for fine crops of plums of the highest quality, and it was to be expected that the prizes in this fruit would be carried off by gentlemen resident there. The highest prize was won by Mr. A. Watson, of Goderich, and the