

1. Fallow, or root, or drill crops, well matured and labor-ed.
2. Wheat or barley.
3. Hay.
4. Pasture 1st year.
5. Pasture 2d do.
6. Oats or Peas.

4. The cultivation of No 1 of the rotation is the basis or Key of the whole system; the others following naturally and easily in the ordinary modes of cultivation of this first and most important division:—

In the fall of the year, all the manure on the farm is to be spread on this field, and ploughed in; the furrows being made so as to let off the water as early and thoroughly as possible after the snow disappears. As soon as it can be labored on the following Spring, the earth should be well pulverized by the plough, the cultivator and the harrow, and the crops sown in drills sufficiently wide to permit of horse-hoeing afterwards. A very good assortment of crops is as follows:—

Potatoes,	Indian Corn,
Carrots,	Horse Beans
Mangel Wurtzel,	

These crops are all to be kept perfectly clean with the plough and cultivator, the earth between the drills being stirred up as frequently and as long as the growth of the crops will permit. The yield will amply repay all the trouble and labor, besides leaving it in rich and clean condition for the crops Nos. 2, 3, 4, 5 and 6, of the rotation, none of which require any manure or extra labor, and all of which, when completed, leave the ground in better condition at the end of six years, for its second application of the same cultivation, than it was at first.

5. The second year field No. 2 comes to be treated precisely as field No. 1 was the first year, and so on, until at the end of six years the whole six fields have been cleaned and fertilized and the rotation begins at the same point from which it started with greatly improved prospects of profit. The farmer in question assures us, that when this rotation has been faithfully gone over once or twice, the land is so clean of weeds, and so easily worked, that the labor of the farm is very materially decreased.

Now the great excellence of this rotation appears to us to consist in the following considerations, namely,—That it is the most profitable way, so far as we can learn, that the farm could be cultivated, even for the first six years of the renovating process, whilst it leaves the whole farm clean and fertile at the end of it to be carried forward to higher perfection. To such farmers as already pursue some advantageous rotation, these lines are not addressed—and to the thinking and judicious farmers of Canada, who have not adopted a rotation, we need say nothing to induce them, seriously, to consider this plan; but the somewhat large class, who have the vanity to think they know enough already, and the prejudice to condemn, without examination, anything that innovates on their preconceived habits or notions, we would earnestly recommend the study and trial of this plan, and we think the farmer who took the opportunity of the Provincial Exhibition to publish it to the country is a public benefactor.—*Mont. Witness.*

TO PREVENT MILK SOURING DURING THUNDER STORMS.

We have heard great complaints from dairy women, about their milk getting sour during thunder storms, although perfectly sweet a short time previous.—The following plan suggested by a correspondent, will prevent this in a great degree. All the pans containing milk ought to be placed upon non-conductors of electricity, such as blocks of baked wood, pieces of glass, or wood that had been well painted and varnished. The last named articles are most easily provided, because wax, feathers and cloth are also non-conductors, but inconvenient to be used. All these articles will insulate the pans and prevent the electric fluid from entering, which is the cause of acidity: or is, in fact, the principle of acidity itself. If glass basins are substituted for tin pans, the plan would be better still; and there would then be no necessity for the practice suggested above.—The glass would preserve the milk much longer than pans, and the acid would have no effect

upon it. We are not aware of any acid that has the least impression on glass, except the fluoric acid. All iron vessels are compounded of iron, as tin pans, attract the heat very readily, and of course sour the milk; and such is the affinity of iron for an acid, that we doubt much if it is ever washed out entirely. Iron vessels we are confident are the very worst that could be used for the purpose: they are even inferior to wood.—*American Agriculturist.*

How to grow Melons.—A correspondent of the *Horticulturist* says:—"I had the pleasure of eating some very fine musk-melons at Cottage Lawn, the seat of Thomas W. Ludlow, Esq., and he kindly gave me the following account of his method of treating them, which is so much less expensive and more simple than the usual manner of protecting the young plants with hand glasses, which require a small fortune devoted to them alone, that I think it may be useful to some of your readers. After the young plants have been started in a frame, they are set out in the melon patch, and each one is enclosed by four common bricks, laid flat on the broadside; and the space at the top is covered over with a pane of ordinary window-glass. This enclosure remains until the plant reaches the glass, when the bricks are turned up on one side, and the glass replaced. By the time they have grown up to this 'root,' they are strong enough to do without protection, and the season so far advanced that frost is not feared. The fruit, resulting from this treatment, was uncommonly fine and large, and the vines very healthy and strong. The seeds may be sown at once in the melon bed, if more convenient, and enclosed with the brick and glass.

BIRTHS.

Montreal—17th ult, Mrs Wm Stephen, of a daughter.
 Brantford—19th ult, Mrs N Mount, of a son.
 Côte Vertue, St Laurent—20th ult, Mrs William Baa, of a son.
 L'Assommoir (NS)—2d ult, the wife of E. Albro, Esq., of a son.
 Harnside, near London, C W—5th ult, the wife of Richard Pattinson, Esq., formerly of the 16th (Queen's) Lancers, of a daughter.
 New Hope—Mrs Adam Scott, of a daughter.
 St Hyacinthe—19th ult, Mrs A Gemmel, of a daughter.
 West Flamboro—Mrs Street, of a daughter.

MARRIAGES.

Brantford—19th ult, Mr J Comerford, to Miss Eliza Murphy, 20th ult, by Rev J C Usher, M. S. Hall, to Miss Sarah Dove.
 Cowansville—19th ult, by Rev David Connell, M. P. Fuller, of Granby, CE, to Esther A. Porter, of Farnham.
 Derby Line—22d Jan, Mr Geo Burbank, to Miss Alicia Sutton, both of Burlington.
 Kingston—By Rev Wm Herchermer, Mr T Snell, to Miss Sarah Phair, both of Garden Island.
 Lanarset—18th ult, by Rev T Scott, Wm D Curry, to Miss Sophia Fleming.

DEATHS.

Montreal—25th ult, of influenza, John, infant son of W Hadden, Royal Engineer Department. 26th ult, Joseph Ross, Esq, [of Hochelaga,] aged 39 years, a native of Aberdeen, Scotland.
 Beauharnois—21st ult, suddenly, Mr Geo Gibson, [of the firm of Gibson & Rice, tanners and curriers,] a native of Falkirk, Scotland.
 St Johns—31st Jan, Mary Hearn, only daughter of Mr R Warming-ton, aged 11 years and six months.
 West Hawkesbury—6th ult, David Pattie, Esq, at the advanced age of 73 years. He was one of the first pioneers on the Ottawa, and since the formation of this section into a separate District, he filled many offices in it with credit and ability. He held command in the Militia, and was early appointed a Magistrate. He represented the District in the Provincial Parliament, and through his exertions a Court House, and Jail, and District Grammar School were obtained. He filled the office of Surrogate for many years previous to his death. As he was among the lead in the Temperance cause, and was appointed the first President of the Ottawa District Temperance Society—a society to which he strictly adhered to the last. His death will be much lamented, not only by a numerous and respectable family, but also by the community at large.—Communicated.

Monies received on account of "Advocate," for

1849.—Goderich, T B 2s 6d.
 1850.—Bradford, S W 2s 6d, Clarencville, T G B 15s;
 Millbrooke, M K 5s; Stewart-town [Esquevaing], Rev J C 25s;
 Toronto, J B 2s 6d; Goderich, W M, T B, J W, D G, D H, A T, M M L, R S, G B 2s 6d each; Ayr, R W 12s 6d; Williams.