

have succeeded in raising trees and fruits in northern localities, should make known, through the proper medium, their experience and the plans they have adopted, and urge their neighbors to adopt the same means. Every farmer who has not an orchard should at once institute enquires into the matter, and with the stock of information thus obtained, make an earnest attempt to attain this very desirable object. If some of his trees die, let him replace them by others, and, if possible, ascertain the cause of their failure. If this plan be adopted, success will, almost to a certainty, crown his efforts; and what a boon will that be to himself and family. How will he have increased their comforts, and may I not say their luxuries? How much will he have done towards making his home a homestead? What improvements could he undertake that would more adorn and beautify his farm—that would more enhance its value, or that would better pay "the reward of his labor!" Fruit trees are in fact almost the only *ornamental* trees that the farmer north of the "Ridges" requires to cultivate, as splendid spruces, balsams, and in fact almost every American evergreen, are found in abundance.

Should not some person of more ability and experience take up this subject, I may in a future communication mention a few facts that have come under my observation with regard to the managing of apple orchards.

H. R.

Agricultural Intelligence.

PREPARED CATTLE FOODS.—It is stated in a late number of the *London Illustrated News* that "Mr. Pawlett, the well known sheep breeder, has been pursuing some experiments as to feeding. Beans, Cotton Cake, and Thorley's food are the three articles he selected for trial, and he put a lot of eight ram hogs on each. At the end of four weeks he sent them to scale, and found that those fed on beans made 10½ lbs. of live weight, those on cotton cake 16½ lbs., and those on Thorley's food 13½ lbs.; and that the cost of producing the mutton in each case was 3½d. per lb., 2½d. per lb., and 4½d. per lb. Still, damaging as this experiment seems as regards the applicability of Thorley's food to fatten animals, in comparison with cheaper substances, we remember an instance in one of our principal herds where a sickly calf could not be got to eat anything till it was tried with it; and from all we can hear it

is most beneficial as a tonic, but not as an article of regular food. Mr. Thorley, however, announces that, in order to meet the Rothamsted objectors, he has enlarged his defence pamphlet from thirty-two to sixty-four pages, which is rather alarming."

CULTIVATION OF FLAX.—Mr. J. H. Brown, of Ayr, publishes the following advertisement:—

"J. H. Brown purposes to erect a flax mill in the vicinity of Ayr, and to encourage the cultivation of flax, he will furnish seed to those farmers who may feel disposed to make the experiment of raising flax, by returning to him the same quantity of seed in the fall which they receive in the spring.

J. H. B. will clean and dress the flax at his mill, then purchase it from the producers at the rate of \$100 per ton.

Parties desirous of renting land for the cultivation of flax can make arrangements with Mr. Brown for that purpose.

The following is a statement of the produce of nine acres of flax, grown on the farm of Mr. Joseph Hollman, of the township of Blenheim:—

Raised from 9 acres 111½ bushels of flax seed and 37 cwt. of flax.

Sold the seed at New Hope, 111½ bushels, at \$1.31 per bushel. \$145 83
Sold 37 cwt. of flax at \$5 per cwt. 185 00

Total amount realized from 9 acres. \$330 83
Average per acre. 36 75

Mr. Hollman ploughed his land once in the fall and cultivated once in the spring, then sowed the seed and harrowed it in. He hired the pulling done at \$2 75 per acre. Mr. Benjamin Shune, a neighbour of Mr. Hollman, got his flax pulled, threshed, and rotted, for \$6 per acre.

Parties wishing to arrange with Mr. Brown will find him at Colwell's Hotel, Ayr, or forward letters to his address at the Ayr, P. O.

J. H. BROWN.

Ayr, Feb. 23, 1860.

PROFITS OF FARMING.—In a lecture on sewage, delivered at the Farmers' Club on Monday evening, Mr. Alderman Mechi, referring to his Tiptree-hall estate, said:—"For the last years my gain as landlord and tenant on my little farm of 170 acres has been nearly £700 per annum. Even this year, with wheat at 42s. per qr., I have gained £600 after paying every expense. Of course, much of this benefit has arisen from steam power, drainage, deep cultivation, and other improvements; but the liquified manure system has greatly contributed to this result."