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Notes by the Way

4 Lincoln Avenuo-May 1st, 1892.

FOOD AND FAT.—English dairymen may be projudiced in favour of their accustomed methods of feeding their cows, but, as proved by pratice, they persist in believing that rich food produces rich milk.

of bran and corn-meal, the former pro-

Sheaf-oats - "In one creamery cut sheaf-oats to a ration of straw, clover-hay, and corn-silage, reduced the quantity of milk required to make a pound of butter from 18 lbs. to 153 pounds. When the sheaf-oats were omitted in the ration, the old, lower average was resumed."

A SHORTHORN BREEDER'S OPINION .-Mr. Warfield, a shorthorn breeder of

"That one eaw may be made to give as rich milk as another may not be possible; but by proper feeding, a cow may be made to give richer milk than when fed on improper food."

ALBUMINOUS MATTER. — Says Mr Horsfall, a very extensive milk-pro-ducer for the London market: Albu-minous matter is the most essential element in the food of the milch-cow. "Any deficiency in the supply of this will be attended with loss of condition. and a consequent deterioration in the quality of her milk." Mr. Horsfall, like the writer, never omits pulse, i e horse-beans or pease, from the rations of his milch-cows.

Poor vs. rich food.—Will any one try the effect on the percentage of butter fat of the two following rations on a lot of cows in full flush of milk?

Ration 1. Half a bushel of brewers

grains;
A bushel of mangels;
Straw at libitum.
Ration 2. A bushel of carrots; 12 lbs. of clover-hay;

1 lb. of linsced (crushed and mixed with boiling water).

4 lbs. of pease-meal or horse-bean meal if it is to be had.

2 lbs. of corn-meal or barloy-meal.

Straw at libitum.

Spring .- On the 26th of April, we paid a long-promised visit to our friend M. Charles Bouthillier, of the Château Bleury, Ste-Thordso. It was a rofreshing sight to see the farm-work all in full swing again after the long-conti-nued winter. The hillsides, on the lighter soils of Sto-Therère and Ste Rose, were turning up in capital order, and their rich, brown furrow slices grave promise of an earlier seed-time than one would have expected ton days ago. First bull-frog howled.

Rape and grass-seeds .-- M. Bouthillier proposes to sow a four-arpent piece of "terre-noire," or bog-earth, with the following mixture of rape and grass-seeds:

5 lbs. of rape-seed;

lucerno; 3 " 3 "

red-clover; 2 "

Alsiko-clover; 6. white-clover;

1 bushel Pacey's perennial ryegrass;

Orchard-grass; 4 lbs. timothy.

The land to be pastured by sheep

station, by Professor Cooke, go to take the place of perennial red, or the demon of cruelty to the subordinate show that with "cream gluten-meal," true cow-grass, as the English crop of animals soon has to spread its wings "sugar-meal," and "corn-germ-food," that clover—trifolium pratense perenne and take flight to its own abode in the comparison with a standard ration —was almost a thorough failure last outer darkness. that clover—trifolium pratense perenne and take flight to its own abode in—was almost a thorough failure last outer darkness.

year. The pasture will be chain-harduced more milk in eleven cases out of seventeen.

They produced a richer milk—in-creased percentage of butter fat—in fourteen cases out of seventeen.

Sheaf-oats — "In one creamery of the part of t Shear-oats — "In one creamery down closely, so that no seed-shoots why people "do not hold with fall-herd, of which we have knowledge," spring up, and we shall see if a perploughing." says the Farmer's Advocate, "adding manent pasture is an impossibility ent sheaf-oats to a ration of straw. here or not.

Houses .- " It is an outrage, the way some people whip horses," says fifty years' experience, says in his too fond of sudden snatches at the treatise on stock: reins to make the horse move faster. Perhaps this comes in part from the impossibility they find in saying "Cuick"—that queer sound a horse man makes between his tongue and his teeth, that the English groom asked his son to spell, when he came back from his first day at school, and would not let him go any more because he could not spell it.

> BUTTER .- There is plenty of spring butter in the market, but most of it is poor stock, white and badly made. When shall we get good butter in Montreal?

TOMATOES .- If people will go on letting tomatoes sprawl about over the ground rather than grow them on the one-stem stake plan so often advocated by the writer, we suppose there is no way of stopping them. An experiment-station has been investigating this matter and finds that, while the total yield is not increased by pruning and staking, the crop ripens earlier and the fruit is much finer in size and quality than when the plant is allowed quality than when the plant is allowed to lie loose on the ground.

Pork.—Pork and bacon are best made from pigs that have been fed fairly well during their growing time, and then fattened on barley- or corn meal, skim-milk and pease. The tastes for slabs of fat, or for sinewy, hard lean-meat, are both exploded. Some of the old pigs from Sorel, &c., are a positive disgrace to their feeders.

American farming in 1893. — Mr. Rusk, the late United-States' minister Rusk, the late United-States' minister of agriculture, draws a curious sort of picture of what farming in his country will be in 1993. The population will be about 300,000,000, which will demand a supply of grain-food equal to 1,500.000,000 bushels of wheat, or nearly 200,000,000 quarters, but as the cultivation of the land is to be vastly improved, this will only require for its production some 40,000,000 acros yielding 5 quarters, or 40 bushels. Cach.

ols, each.

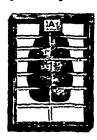
The four acres required for the year's support of a cow, will be reversed, as four cows will be kept on the produce of one acre. Irrigation, wherever possible, and small farms intensively cultivated, will be the rule instead of the exceptions. Telephones, electric motors, every means and appliance of labour-saving, will be universally diffused, and that day-dream States. He stands 15.3 hands, and is of dear, old Antony Trollope will be a rich dark chesnut. He was bred by realised: a rural postman will daily Mr. Henry Moore, of Burns Butts, deliver letters at the door of every farmhouse in the land. "The residents by Burnham's Lord Derby II. 417, out about the middle of July-receiving in the country will vie in culture and of Princess 289, by Bourdass's Den

WASTE PRODUCTS OF MAIZE.—The diem, each. This ought to show some classes in the towns," and we all know experiments made at the Vermont thing. The red-clover (Rawdon) must that where culture sets its foot, the

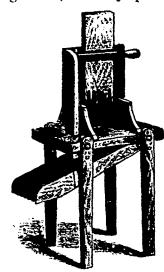
RAIN 78. FROST .- To-day April 27th, the rain has evidently made up its mind to wash the frost down out of Dr. Hoskins, in the Vermont Watchman: but it is a much greater outrage. Dr. Hoskins, in the Vermont waterman; but it is a much greater outrage, say we, to see some brutes almost break horses' jawbones with the vicious jorks they give the bit. Many women are capital drivers, but much the found nearer than Darlington fair, the fond of guddan snatches at the break horses' product of suddan snatches at the found nearer than Darlington fair, Durham, England.

CUTTING SEED POTATOES

The engravings show (in perspective and horizontal plan) the construction of the Potato Cutter repeatedly advertised by the Aspinwall Mftg. Co.



satisfactory manner, and removes and .



to potato and corn planting may be had of the company on application.

Country Gentleman.

CADET; HACKNEY-STALLION.

Our illustration this week is of the Hackney stallion Cadet 1251, which was sold some time ago for £3,000, as an eight-year old, to go to the Uniteda pin, of oats and pease mixed per education with the corresponding mark. He is now the property of Mr.