

Esq., of this City. There is no part of the process recommended in Ireland that would not be suitable here. We obtained the silver medal of the Natural History Society for an essay on the cultivation and management of flax and hemp, and it was published in the *Messenger* at the time, but not by the Society, as we expected. If we can procure a copy, we shall copy it in this Journal during the year.

We beg our subscribers will excuse us for the delay which has occurred in the publishing of this Journal for May and June, when we assure them it was owing to circumstances over which we had no possible control. We now, however, have made arrangements that for the remainder of this year, the number for each month will be published about the first of that month, without fail.

#### FEEDING FARM-HORSES.

The following are the modes of feeding, as well as the cost of the system practised by several farmers on light and heavy soils: 1. Soil with clover in the early part of the summer, grass the latter part. In winter, long hay, miller's offal corn, or baked potatoes, according to prices. 2. Soil at summer when practicable, or send out to grass. In winter, chaff, cut hay, oats, with carrots, at the rate of six bushels of oats and seven bushels of carrots for four horses during the week. 3. Five bushels of pollard with one cwt. of hay, half cut and half long, per horse. 4. Bruised barley and bran, with cut hay, and a small quantity of long in the racks at night.

##### On light land occupations.

No. 5.		s	d
1 bushel of oats		3	3
2 stones of bean-meal		2	4
$\frac{1}{2}$ cwt. of cut hay		2	0
Chaff		1	0
Per horse		8	7

No. 6.			
6 bushels of oats		18	0
2 ditto of beans		10	0
4 cwt. hay		16	0
Corn, chaff, and cutting		12	0

Allowance for six horses . . . . . 56 0

Per horse . . . . . 9 4  
Extra allowance on journey . . . . . 1 0

No. 7.			
5 stone of corn (various		6	0
75lbs. long hay		2	4
Chaff		2	0

Per horse . . . . . 10 4

No. 8.			
1 bushel of ground beans		5	3
4 cwt. of hay, cut for six horses, equal each horse to		2	8
Corn, chaff, add a few sweets		1	0

8 11

Extra allowance for journeys for six horses, 2		
Bushels of oats in the spring, each horse about		1 0
		9 11

##### On heavy land occupations.

No. 9.			
5 bushels of oats		16	10 $\frac{1}{2}$
2 ditto of beans		10	0
5 cwt. of hay		17	6
8 bushels of bran		6	8
Cutting		2	6

Allowance for five horses . . . . . 53 6 $\frac{1}{2}$

Per horse . . . . . 10 8 $\frac{1}{2}$

No. 10.			
5 bushels of oats		16	10 $\frac{1}{2}$
1 ditto of beans		5	0
6 cwt. of hay		21	0
8 bushels of bran		6	8
Cutting, &c.		2	6

Allowance for five horses . . . . . 52 0 $\frac{1}{2}$

Per horse . . . . . 10 4 $\frac{1}{2}$

No. 11.			
2 bushels of oats		6	6
1 cwt. of hay		3	6
1 coomb of cut hay		0	10 $\frac{1}{2}$

Per horse . . . . . 10 10 $\frac{1}{2}$

12. I mow for them in the summer, feeding them in the stables and yard with green meat. In November, feed them on Swedish turnips, giving each horse six stone or one bushel and a half daily. About eight acres will carry my horses (15) through the winter months (about 38 weeks,) till the end of May. Upon this, with half-a-bushel of corn per week each horse, they will do well and consume but a small quantity of hay.—*Bacon's Agriculture of Norfolk.*

#### ON LIMING LAND.

The following analyses, for the Monmouth Farmers' Club, by Mr. Philips, of the Ordnance Geological Survey, show what great variety exists in the composition of limestone within but few miles of one another:—

##### No. 1. Limestone, Great Doward, Herefordshire.

Carbonate of lime, .....	56.8
" " magnesia, .....	39.2
Earthy matter and oxide of iron, .....	4.
	100

##### No. 2. Limestone, Stanton, Gloucestershire.

Carbonate of lime, with a trace of oxide of iron,...	54.6
" " magnesia, .....	44.
Earthy matter, and oxide of iron, .....	1.4
	100

##### No. 3. Limestone, Whiteclift, Gloucestershire.

Carbonate of lime, .....	56.8
" " magnesia, .....	41.9
Earthy matter and oxide of iron, .....	1.3
	100

##### No. 4. Limestone, Stow Green, Gloucestershire.

Carbonate of lime, .....	98.6
Earth, matter, and oxide of iron, .....	1.4
	100

##### No. 5. Limestone, Ifton, Monmouthshire.

Carbonate of lime, .....	93.3
Earthy matter, and oxide of iron, .....	7
	100

Result of the use of the Stow Green Lime put on in a