

100 parts of the ashes contain :

	Grain.	Straw.
Potash . . . . .	33.83	17.51
Soda . . . . .	.39	.....
Lime . . . . .	2.61	9.10
Magnesia . . . . .	12.81	2.40
Oxide of iron . . . . .	1.04	1.40
Phosphoric acid . . . . .	39.92	3.80
Sulphuric acid . . . . .	.17	.80
Silica . . . . .	9.92	64.50
Chlorine . . . . .	.14	.29

#### OATS.

100 parts of the dried grain gives 3.2 per cent. ashes.

100 parts of the dried straw gives 7.24 per cent. ashes.

100 parts of the ashes contain :

	Grain.	Straw.
Potash . . . . .	21.15	20.88
Soda . . . . .	.....	4.19
Lime . . . . .	10.28	7.01
Magnesia . . . . .	7.82	3.79
Oxide of iron . . . . .	3.85	1.49
Phosphoric acid . . . . .	50.44	5.07
Sulphuric acid . . . . .	.....	3.35
Chlorine . . . . .	.51	3.30
Silica . . . . .	4.40	49.56

#### POTATOES.

100 parts of dried tubers and roots produce 4.16 per cent. ashes.

100 parts of dried tops produce 15.00 per cent. ashes.

100 pounds of the dried potatoes=300 pounds, as gathered from the ground.

100 pounds of the ashes contain :