

The 24.1 parts of dry vegetable matter consisting of:—

Albuminoid matter	..	..	..	2.0
Celluloid matter or fibre	..	..	..	1.0
Fatty matter	..	..	..	.2
Other non-nitrogenous matter	..	..	..	20.9
				24.1

And the 0.9 of dry mineral matter containing (together with other less important substances).—

Alkalies (as oxides)	..	..	..	0.55
Phosphoric acid (i.e. anhydride)	..	..	..	0.17

A glance at the second and third of these three tables relating to the sample of potatoes, will show that the dried potatoes supplied to the ships were, from the chemical point of view, of good quality, containing all the chief components of the sound normal vegetable, and containing them in natural proportion. The first table interpreted in the light of the second and third shows, further, that one pound of the dried potatoes represented three and a half pounds of undried potatoes.

Not only were the potatoes chemically good, but their general condition was excellent. No trace of mouldiness, sourness, or other undesirable quality could be detected.

3. Dried compressed Cabbage.

The sample yielded:—

				In 100 parts by weight.
Water	..	..	..	19.93
Dry vegetable matter	..	..	..	74.18
Dry mineral matter	..	..	..	5.89
				100.00

The 74.18 parts of dry vegetable matter contained:—

Albuminoid matter	..	..	..	13.01
Celluloid matter or fibre	..	..	..	9.45
Fatty matter	..	..	..	2.56
Other non-nitrogenous matter	..	..	..	49.16
				74.18

And the 5.89 of dry mineral matter yielded (together with other less important substances):—

Alkalies (as oxides)	..	..	..	1.75
Phosphoric acid (i.e. anhydride)	..	..	..	.64

Composition of the original undried Cabbage.

(Based on the fair assumption that it contained the average natural proportion of water, namely, 89 per cent.)

				In 100 parts by weight.
Water	..	..	..	89.00
Dry vegetable matter	..	..	..	10.36
Dry mineral matter	..	..	..	.64
				100.00

The 10.36 parts of dry vegetable matter consisting of:—

Albuminoid matter	..	..	..	1.43
Celluloid matter or fibre	..	..	..	1.03
Fatty matter	..	..	..	.28
Other non-nitrogenous matter	..	..	..	7.62
				10.36