



THE PROVEN PERFORMER

BENEFITS

- ▶ High yielding
- ▶ High leaf to stem ratio
- ▶ Highly palatable
- ▶ Good winter hardiness
- ▶ Good aphid and disease tolerance
- ▶ Low nitrate and SMCO content
- ▶ A proven performer
- ▶ Available in 25kg packs

DESCRIPTION

A leafy kale of intermediate stem height, with high yield potential, Proteor is a palatable variety with a thin stem and a high leaf to stem ratio (often more than 50% leaf), ensuring high utilization. Has good winter hardiness and good tolerance of aphids, club root and other diseases.

SUITABILITY / USE

Proteor may be used as a high quality and well proven feed for sheep, cattle and deer during either late summer, early autumn or during winter. Light grazings in summer, autumn will result in some re-growth. Break-fencing is recommended for the optimum feed utilization of kale crops.

AGRONOMIC TRAITS					
STEM HEIGHT	LEAF : STEM RATIO	SOWING RATE (kgs/ha)	SOWING DEPTH (mm)	SOWING DATE	SMCO LEVELS
INTERMEDIATE	VERY HIGH	4-5	10-20	NOV-DEC	LOW

PERFORMANCE

Proteor is a proven performer for yield, with high leaf to stem ratio, and relatively low SMCO content.

POOLED YIELD RESULTS OF 4 CANTERBURY KALE TRIALS, 2011-14			
Variety	Av. Yield (tDM/ha)	LSD	Leaf : stem ratio
Regal	14.3	a	42%
Proteor	13.8	ab	44%
Sovereign	12.6	bc	43%
Kestrel	11.5	c	41%
Mean	13.0		
trtsig	**		
blksig	NS		
CV%	16.6		
LSD	1.54		

NITRATE AND SMCO LEVELS, CANTERBURY		
Variety	Nitrate (NO ₃ – N g/kg DM)	% SMCO (DM)
Coleor	0.06	0.71
Proteor	0.36	0.62
Keeper	0.24	0.6
Pinfold	1.19	0.71
Kestral	0.48	0.78
Gruner	4.75	0.64
Kapati	0.12	1.29
Rawara	0.65	0.52