



STUBBLE TURNIPS

TECHNICAL AID



TRIALS DATA

Variety	Type	Relative DM Yield %	Relative Fresh Yield %	Relative Root DM Yield %	Relative Leaf DM Yield %	Disease Resistance Mildew	9=Best Altenaria
100%=Tonnes/Ha		5.52	51.8				
Samson (Tet)	Purple tankard	103	108	119	83	5	6
Delilah	White tankard	100	101	118	77	8	7
Barkant (c)	Purple tankard	100	100	100	100	*	*
Rondo	Green globe	94	88	96	91	8	7
Dynamo	Purple globe	88	89	97	75	5	8
Whitestar	White globe	84	81	78	91	*	*
Skyfall Hybrid	Leafy	87	70	42	141	6	7
Tyfon	Leafy	79	75	57	105	3	7

Data Source: Limagrains UK trials 1993 - 2018 (c) Control Tet: Tetraploid *No data available Disease Scores Dec 2017 Note: Not all varieties trialled every year, not all scores taken every year

TYPICAL YIELDS AND FEED QUALITY

Average dry matter yield	=	4 - 5.5 tonnes/ha
Average fresh yields	=	40 - 50 tonnes/ha
Dry matter	=	8 - 9%
Crude protein	=	17 - 18%
Digestibility value	=	68 - 70%
Metabolisable energy	=	11 MJ/kg DM

Data Source: Kingshay Forage Costings Report 2010

TYPICAL COSTS AND VALUES

	Total Cost
Cost per hectare	£305/ha
Cost per tonne fresh weight	£5
Cost per tonne utilised dry matter	£66
Relative value £/tonne DM	£135
Cost per litre of milk	2.7p
Cost per kilo of live weight gain	17.9p

SOWING RATES PER HECTARE

Drilled into stubble	Drilled after grass	Broadcast
4-5kg	5-6kg	6-7kg

FERTILISER GUIDELINES

SNS Index	0	1	2	3	4	5	6
Nitrogen (N)	100	90	80	60	40	0-40	0
Phosphate (P ₂ O ₅)	85	55	25	0	0	0	0
Potash (K ₂ O)	110	80	50 (-2) 20 (+2)	0	0	0	0

When grown as a catch crop after cereals, apply no more than 75kg N/ha at index 0 or 1. Further reductions may be made if the soil is moist and has been cultivated. For stubble turnips sown after mid-August, apply 50 P₂O₅/ha at index 0 only.

Data Source: DEFRA Fertiliser Manual (RB209)

