



STUBBLE TURNIPS

UK TRIALS DATA



TRIALS DATA

Variety	Type	Relative Dry Matter Yield %	Relative Fresh Yield %	Relative Root DM Yield %	Relative Leaf DM Yield %	Disease Resistance 9 = best	
						Mildew	Alternaria
100%=Tonnes/Ha		5.54	52.29	3.03	2.52		
Samson (Tet)	Purple tankard	103	109	120	83	5	6
Barkant (C)	Purple tankard	100	100	100	100	*	*
Rondo	Green globe	94	89	97	90	8	7
Hector	Purple tankard	91	101	104	74	*	*
Dynamo	Purple globe	89	91	98	77	5	8
Whitestar	White globe	86	84	81	92	*	*

Source: Limagrain UK trials 1993 - 2024, (c) Control, Tet: Tetraploid, *No data available. Disease Scores Dec 2017.
Not all varieties trialled every year, not all scores taken every year

TYPICAL YIELDS & 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	= 11-12 MJ/Kg DM

TYPICAL COSTS & 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

Data Source: Kingshay Forage Costings Report 2010

SOWING RATES PER HA

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

Data Source: DEFRA Fertiliser Manual (RB209)

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.