



# 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	51.8	3.04	2.51		
Samson (Tet)	Purple tankard	104	109	120	84	5	6
Delilah	White tankard	100	102	118	78	8	7
Barkant (C)	Purple tankard	100	100	100	100	*	*
Rondo	Green globe	94	89	97	90	8	7
Dynamo	Purple globe	89	91	99	76	5	8
Whitestar	White globe	84	81	79	91	*	*
Tyfon	Leafy	78	74	56	105	3	7

Source: Limagrain UK trials 1998 - 2021, (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 MJ/kg DM

Data Source: Kingshay Forage Costings Report 2010

### 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

### 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 <sub>2</sub> O <sub>5</sub> )	85	55	25	0	0	0	0
Potash (K <sub>2</sub> O)	110	80	50(-)20(+)	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 P<sub>2</sub>O<sub>5</sub>/ha at index 0 only.