FORAGE PEAS - SILAGE

TECHINCAL AID

TRIALS DATA

Variety	Relative DM Yield %	Relative Fresh Yield %	Dry Matter content %	Crude Protein content %	Leaf Type	Flower Colour
100%=Tonnes/Ha	5.12	22.2				
Magnus	100	100	23.1	15.1	semi - leafless	Coloured
Tiberius	92	92	23.0	13.8	semi - leafless	White
Mantara	89	88	23.4	14.6	semi - leafless	Coloured
Audit	89	87	23.5	15.8	semi - leafless	White
Prophet	86	83	24.0	15.8	semi - leafless	White
Javlo	77	78	23.0	17.4	semi - leafless	White
Arable Silage Mixtures						
Protein Plus	148	84	40.4	9.6	-	-
Prosile	124	87	32.9	12.0	-	-

Data Source: Limagrain UK trials 2016 Harvested as silage

TYPICAL YIELDS AND FEED QUALITY

Average dry matter yield	=	4 - 6 tonnes/ha
Average fresh yields	=	20 - 25 tonnes/ha
Dry matter	=	20 - 25%
Crude protein	=	16 - 20%
Digestibility value	=	62 - 64%
Metabolisable energy	=	10 - 10.5 MJ/kg DM

Data Source: Kingshay Forage Costings Report 2010

TYPICAL COSTS AND VALUES

	Total Cost
Cost per hectare	£708/ha
Cost per tonne fresh weight	£27
Cost per tonne utilised dry matter	£102
Relative value £/tonne DM	£128
Cost per litre of milk	5.0p
Cost per kilo of live weight gain	33.11p

SOWING RATES PER HECTARE

Drilled	Broadcast	Arable Silage Mixture
125kg	150kg	175-200

FERTILISER GUIDELINES

SNS Index	0	1	2	3	4	5	6
Nitrogen (N)	0	0	0	0	0	0	0
Phosphate (P_2O_5) kg/ha	100	70	40	0	0	0	0
Potash (K_2O)	100	70	40 (-2) 20 (+2)	0	0	0	0

Data Source: DEFRA Fertiliser Manual (RB209)

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