

Notes and Information

The Pasture Profit Index (PPI) should be used in conjunction with good grassland management practices. The Pasture Profit Index is designed as a guide to assist in variety selection when planning to reseed. Variety selection may depend on the intended grazing management to be practiced (e.g. grazing, silage, etc.).

All data used in the compilation of this Index has been generated from data within the Simulated Grazing (frequent cutting and general purpose) protocol in the Department of Agriculture, Food and the Marine (DAFM) Recommended List Trials. It is advised that the PPI should be used in conjunction with the DAFM 2016 Recommended List to ensure selection of the most appropriate perennial ryegrass varieties to meet particular enterprise requirements. Only varieties that have completed a minimum of two harvest years in the DAFM Simulated Grazing Protocol have a PPI value assigned to them. Varieties marked with (*) Solas, Clanrye, Seagoe, Aspect, Twymax, Majestic, Stefani and Piccadilly have only one sowing year data available (two harvest years data), therefore this is provisional data.

Guide to reading the table

Variety details: Variety, Ploidy (T= tetraploid; D= diploid), Heading date.

PPI details (Total €/ha per year): indicates relative profitability difference when compared to the base values.

For further information on the PPI - www.agresearch.teagasc.ie/moorepark/PastureProfitIndex/index.asp.

PPI sub-indices: Seasonal DM yield (spring, summer and autumn), Quality (April, May, June and July), Silage (1st and 2nd cut), Persistency. Persistency is modelled over 12 years which is in line with industry practice (Creighton *et al.*, 2012).

This indicates the economic merit of each variety within each trait, summed together, this provides the overall PPI value. When using the index, evaluate varieties across their sub index values and choose the most appropriate for the intended enterprise.

Queries regarding the Pasture Profit Index can be directed to margie.egan@teagasc.ie



Teagasc Pasture Profit Index (PPI) 2016

Variety Details			Pasture Profit Index Sub-indices (€/ha/year)					Total €/ha/year	
			Dry Matter Production			Quality	Silage		Persistency
Variety	Ploidy	Heading date	Spring	Summer	Autumn				
AberMagic	D	May 31	47	50	63	36	14	0	210
AberGain	T	June 5	38	44	32	65	25	-5	199
Nifty	D	May 27	77	50	49	-6	20	0	190
AberPlentiful	T	June 9	44	51	38	30	14	0	177
Solas*	T	June 10	34	45	51	31	14	0	175
Dunluce	T	May 30	32	42	43	39	23	-5	174
AberChoice	D	June 9	23	47	36	64	8	-5	173
Rosetta	D	May 24	92	25	33	2	16	0	168
Seagoe*	T	May 28	33	41	29	20	37	0	160
Kintyre	T	June 7	28	35	47	33	13	0	156
Astonenergy	T	June 2	7	37	31	61	11	0	147
Xenon	T	June 11	22	39	26	46	14	0	147
Magician	T	May 22	53	30	26	7	26	-5	137
Alfonso	T	June 4	13	38	27	51	4	0	133
Aspect*	T	June 6	25	41	17	37	9	0	129
Carraig	T	May 24	46	37	23	-11	30	0	125
Navan	T	June 6	10	39	40	26	9	0	124
Solomon	D	May 21	69	29	22	-23	21	0	118
Kerry	D	June 1	34	40	32	0	7	0	113
Delphin	T	June 2	17	40	19	16	20	0	112
Glenroyal	D	June 5	29	40	31	2	7	0	109
Drumbo	D	June 7	26	30	24	44	-5	-11	108
Boyne	D	May 22	54	29	24	-39	39	0	107
Clanrye*	D	June 6	34	42	10	-10	15	0	91
Twymax*	T	June 7	-13	44	7	35	16	0	89
Majestic*	D	June 2	39	32	33	-16	-1	0	87
Glenveagh	D	June 2	27	35	20	-10	8	0	80
Stefani*	D	June 2	21	27	16	-2	8	0	70
Tyrella	D	June 4	40	18	8	3	-1	-5	63
Piccadilly*	D	June 3	26	31	12	-23	15	0	61