



Evaluation date: Jan 2020

Perennial Ryegrass Forage Value List

☐ **Cultivars are sorted by star rating and then alphabetically. Note:**

- Perennial ryegrass FVI is calculated using cultivar specific seasonal DM (DM) data, functional group average metabolisable energy (ME) content data and ploidy group average persistence trait data.
- Cultivars with SE are not recommended as they can cause ryegrass staggers in summer and may reduce milksolid production at this time.

Filtered by: Lower North Island, Perennial Ryegrass/AR1/AR37/Endo5/LE/NEA2/SE/WE/NEA/Edge/Unknown, Diploid/Tetraploid, Mid/Late/Very Late

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FVI ¹ (Star rating)	FVI Star Rating (\$/ha)	Cultivar	Performance Values (1-5 rating) Seasonal dry matter (DM)					Performance Values ³					PERSISTENCE SCALERS/COSTS		Other Cultivar Information				
			Winter	Early Spring	Late Spring	Summer	Autumn	Winter	Early Spring	Late Spring	Summer	Autumn	Persistence Scaler ⁴	Relative renewal cost (\$/ha) ⁵	Endo ⁶	Ploidy ⁷	HD ⁸	Marketer	Conf ⁹
		Base AR37	5	4	3	5	4	0.44	0.44	0.64	0.45	0.42	0.71	41	AR37	Tetraploid	VL	PGG Wrightson	10+ Seeds
○ ☐		Halo AR37	5	3	2	4	4	0.44	0.44	0.64	0.45	0.42	0.71	41	AR37	Tetraploid	VL	Agricom	10+
○ ☐	\$422	Legion AR37	5	4	2	5	5	0.16	0.17	0.31	0.10	0.09	0.75	0	AR37	Diploid	L	Agricom	2.5
○ ☐	to \$541	SF Hustle AR1	5	5	3	5	5	0.16	0.17	0.31	0.10	0.09	0.75	0	AR1	Diploid	L	Seed Force	6.5
○ ☐		Trojan NEA2	5	5	4	5	4	0.16	0.17	0.31	0.10	0.09	0.75	0	NEA2	Diploid	L	Barenbrug Agriseeds	10+
		Avatar NEA	5	3	1	3	3	0.44	0.44	0.64	0.45	0.42	0.71	41	NEA	Tetraploid	VL	Cropmark Seeds	2.5
		Base AR1	4	3	3	3	3	0.44	0.44	0.64	0.45	0.42	0.71	41	AR1	Tetraploid	VL	PGG Wrightson	3.5 Seeds
		Excess AR37	5	4	2	5	5	0.00	0.00	0.00	0.00	0.00	0.75	0	AR37	Diploid	M	PGG Wrightson	5.2 Seeds

<ul style="list-style-type: none"> o <input type="checkbox"/> \$302 o <input type="checkbox"/> to o <input type="checkbox"/> \$422 	Governor AR1	5	5	3	5	4	0.00	0.00	0.00	0.00	0.00	0.75	0	AR1	Diploid	M	Barenbrug Agriseeds	4.5
	Governor AR37	4	4	3	5	5	0.00	0.00	0.00	0.00	0.00	0.75	0	AR37	Diploid	M	Barenbrug Agriseeds	2.5
	Matrix SE	4	5	2	4	4	0.16	0.17	0.31	0.10	0.09	0.75	0	SE	Diploid	VL	Cropmark Seeds	10+
	One50 AR37	5	3	2	5	5	0.16	0.17	0.31	0.10	0.09	0.75	0	AR37	Diploid	L	Agricom	10+
	Platform AR37	4	4	3	5	5	0.16	0.17	0.31	0.10	0.09	0.75	0	AR37	Diploid	L	PGG Wrightson Seeds	4.5
	Prospect AR37	5	4	3	5	4	0.16	0.17	0.31	0.10	0.09	0.75	0	AR37	Diploid	L	Agricom	10+
	Raider NEA2	4	4	2	4	4	0.16	0.17	0.31	0.10	0.09	0.75	0	NEA2	Diploid	L	Cropmark Seeds	3.5
	Ultra AR1	5	4	3	4	4	0.16	0.17	0.31	0.10	0.09	0.75	0	AR1	Diploid	L	Cropmark Seeds	10+
	AberGreen AR1	3	2	4	4	4	0.16	0.17	0.31	0.10	0.09	0.75	0	AR1	Diploid	L	Geminal	5.5
	AberMagic AR1	3	1	5	5	4	0.16	0.17	0.31	0.10	0.09	0.75	0	AR1	Diploid	L	Geminal	4.7
<ul style="list-style-type: none"> o <input type="checkbox"/> \$182 o <input type="checkbox"/> to o <input type="checkbox"/> \$302 	Expo AR1	4	4	3	4	3	0.16	0.17	0.31	0.10	0.09	0.75	0	AR1	Diploid	L	PGG Wrightson Seeds	9.1
	Expo AR37	5	3	2	3	3	0.16	0.17	0.31	0.10	0.09	0.75	0	AR37	Diploid	L	PGG Wrightson Seeds	3.7
	Ohau AR37	5	4	2	2	2	0.44	0.44	0.64	0.45	0.42	0.71	41	AR37	Tetraploid	L	Agricom	3.7
	One50 AR1	4	3	2	4	4	0.16	0.17	0.31	0.10	0.09	0.75	0	AR1	Diploid	L	Agricom	10+
	Request AR37	5	5	2	4	4	0.00	0.00	0.00	0.00	0.00	0.75	0	AR37	Diploid	M	Agricom	10+
<ul style="list-style-type: none"> o <input type="checkbox"/> \$62 to o <input type="checkbox"/> \$182 	SF Moxie AR1	4	4	3	5	4	0.00	0.00	0.00	0.00	0.00	0.75	0	AR1	Diploid	M	Seed Force	6.5
	Excess AR1	3	4	2	4	3	0.00	0.00	0.00	0.00	0.00	0.75	0	AR1	Diploid	M	PGG Wrightson Seeds	3.5
	Rely AR37	4	3	3	3	4	0.00	0.00	0.00	0.00	0.00	0.75	0	AR37	Diploid	M	PGG Wrightson Seeds	5.2

	Rohan NEA2	4	1	1	3	4	0.16	0.17	0.31	0.10	0.09	0.75	0	NEA2	Diploid	L	Barenbrug Agriseeds	4.1
	Samson AR37	5	5	2	2	3	0.00	0.00	0.00	0.00	0.00	0.75	0	AR37	Diploid	M	Agricom	4.7
	AberGreen WE	1	2	5	3	2	0.16	0.17	0.31	0.10	0.09	0.75	0	WE	Diploid	L	Germinal	3.5
	Nui	3	4	1	1	2	0.00	0.00	0.00	0.00	0.00	0.75	0	Unknown	Diploid	M	Common	10+
o □	\$-58 to \$62 Rely AR1	4	2	1	3	3	0.00	0.00	0.00	0.00	0.00	0.75	0	AR1	Diploid	M	PGG Wrightson Seeds	5.1
	Samson SE	4	4	2	2	3	0.00	0.00	0.00	0.00	0.00	0.75	0	SE	Diploid	M	Agricom	10+
	AberMagic WE	1	1	3	1	2	0.16	0.17	0.31	0.10	0.09	0.75	0	WE	Diploid	L	Germinal	6.5
	\$-198 to \$-58 Pacific SE	3	3	2	1	2	0.00	0.00	0.00	0.00	0.00	0.75	0	SE	Diploid	M	PGG Wrightson Seeds	5.5
	Uncertified Perennial Ryegrass	4	4	1	1	1	0.00	0.00	0.00	0.00	0.00	0.75	0	Unknown	Diploid	M	Common	4.7

¹5 = Top rank, 1 = bottom rank, ²Winter = Winter dry matter production (May-June), Early Spring = Early spring dry matter production (July-Aug), Late Spring = Late spring dry matter production (Sept-Oct), Summer = Summer dry matter production (Nov-Jan), Autumn = Autumn dry matter production (Feb-Apr), ³Performance values for ME content are based on average values for the mid heading diploids, late heading diploids, and tetraploid functional group, ⁴Persistence scaling factor (scales 3 year trial data by expected yield over a 10-year period for diploids versus tetraploids), ⁵Relative renewal cost (relative renewal costs of diploids versus tetraploids, taking into account differences in relative persistence over the long term and costs of renewal, ⁶Endophyte, ⁷Ploidy (D=diploid, T=tetraploid), ⁸Heading date (MS=mid season, L=late, VL=very late), ⁹Confidence (based on number of DM trials in the regions weighted by the DM trait correlations). For more information visit www.dairynz.co.nz/fvi. Cultivars included in the FVI lists without a star rating have enough trials to be eligible for the FVI, however they were excluded from the FVI Star Ratings due to poor performance in those trials.

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