

# 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.

Evaluation date: Jan 2020

Filtered by: LOWER NORTH ISLAND, PERENNIAL RYEGRASS/AR1/AR37/NEA/NEA2/SE/UNKNOWN/WE, DIPLOID/TETRAPLOID, LATE/VERY LATE

FVI <sup>1</sup> (Star rating)	FVI Star Rating (\$/ha)	Cultivar	Performance Values (1-5 rating) Seasonal dry matter (DM)					Performance Values <sup>3</sup>					PERSISTENCE SCALERS/COSTS		Other Cultivar Information				
			Winter	Early Spring	Late Spring	Summer	Autumn	Winter	Early Spring	Late Spring	Summer	Autumn	Persistence Scaler <sup>4</sup>	Relative renewal cost (\$/ha) <sup>5</sup>	Endo <sup>6</sup>	Ploidy <sup>7</sup>	HD <sup>8</sup>	Marketer	Conf <sup>9</sup>
★★★★	\$422 to \$541	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 Seeds	10+
		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+
		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
		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+
★★★	\$302 to \$422	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 PGG	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	Wrightson Seeds	3.5
		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 PGG	10+
		PLATFORM AR37	4	4	3	5	5	0.16	0.17	0.31	0.10	0.09	0.75	0	AR37	Diploid	L	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+
★★★	\$182 to \$302	ABERGREEN AR1	3	2	4	4	4	0.16	0.17	0.31	0.10	0.09	0.75	0	AR1	Diploid	L	Germinal	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	Germinal PGG	4.7
		EXPO AR1	4	4	3	4	3	0.16	0.17	0.31	0.10	0.09	0.75	0	AR1	Diploid	L	Wrightson Seeds PGG	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	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+
		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
★★	\$62 to \$182	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
		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

<sup>1</sup>5 = Top rank, 1 = bottom rank, <sup>2</sup>Winter = 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), <sup>3</sup>Performance values for ME content are based on average values for the mid heading diploids, late heading diploids, and tetraploid functional group, <sup>4</sup>Persistence scaling factor (scales 3 year trial data by expected yield over a 10-year period for diploids versus tetraploids), <sup>5</sup>Relative renewal cost (relative renewal costs of diploids versus tetraploids, taking into account differences in relative persistence over the long term and costs of renewal), <sup>6</sup>Endophyte, <sup>7</sup>Ploidy (D=diploid, T=tetraploid), <sup>8</sup>Heading date (MS=mid season, L=late, VL=very late), <sup>9</sup>Confidence (based on number of DM trials in the regions weighted by the DM trait correlations). For more information visit [www.dairynz.co.nz/fvi](http://www.dairynz.co.nz/fvi).

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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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