

Perennial Ryegrass Forage Value List



Evaluation date: Jan 2020



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.
- Cultivars with AR1 endophyte are not recommended in the UNI as they provide limited protection against black beetle.

Filtered by: UPPER NORTH ISLAND, PERENNIAL RYEGRASS/AR37/ENDO5/NEA/NEA2/EDGE, DIPLOID/TETRAPLOID, MID/LATE/VERY LATE

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
★★★★	\$405 to \$519	AVATAR NEA	5	4	5	4	3	0.34	0.33	0.46	0.23	0.44	0.71	41	NEA	Tetraploid	VL	Cropmark Seeds	2.1
		BASE AR37	5	4	5	5	4	0.34	0.33	0.46	0.23	0.44	0.71	41	AR37	Tetraploid	VL	PGG Wrightson Seeds	10+
		EXCESS AR37	5	5	4	5	5	0.00	0.00	0.00	0.00	0.00	0.75	0	AR37	Diploid	M	PGG Wrightson Seeds	5.7
		LEGION AR37	5	5	5	5	5	0.05	0.04	0.15	-0.01	0.09	0.75	0	AR37	Diploid	L	PGG Agricom	2.1
		PLATFORM AR37	4	5	4	5	5	0.05	0.04	0.15	-0.01	0.09	0.75	0	AR37	Diploid	L	PGG Wrightson Seeds	3.2
		PROSPECT AR37	5	5	5	5	4	0.05	0.04	0.15	-0.01	0.09	0.75	0	AR37	Diploid	L	Agricom	10+
		TROJAN NEA2	5	5	5	5	4	0.05	0.04	0.15	-0.01	0.09	0.75	0	NEA2	Diploid	L	Barenbrug Agriseeds	10+
★★★	\$291 to \$405	GOVERNOR AR37	4	4	4	5	5	0.00	0.00	0.00	0.00	0.00	0.75	0	AR37	Diploid	M	Barenbrug Agriseeds	2.1
		HALO AR37	5	4	3	4	4	0.34	0.33	0.46	0.23	0.44	0.71	41	AR37	Tetraploid	VL	Agricom	10+
		ONE50 AR37	5	4	4	5	5	0.05	0.04	0.15	-0.01	0.09	0.75	0	AR37	Diploid	L	Agricom	10+
		RAIDER NEA2	4	5	4	4	4	0.05	0.04	0.15	-0.01	0.09	0.75	0	NEA2	Diploid	L	Cropmark Seeds	2.7
		REQUEST AR37	5	5	5	4	4	0.00	0.00	0.00	0.00	0.00	0.75	0	AR37	Diploid	M	PGG Agricom	10+
★★★	\$177 to \$291	EXPO AR37	5	4	4	4	4	0.05	0.04	0.15	-0.01	0.09	0.75	0	AR37	Diploid	L	PGG Wrightson Seeds	4.1
		OHAU AR37	5	4	5	2	3	0.34	0.33	0.46	0.23	0.44	0.71	41	AR37	Tetraploid	L	PGG Agricom	4.1
		RELY AR37	5	4	4	3	4	0.00	0.00	0.00	0.00	0.00	0.75	0	AR37	Diploid	M	PGG Wrightson Seeds	5.7
★★	\$63 to \$177	SAMSON AR37	4	4	3	2	3	0.00	0.00	0.00	0.00	0.00	0.75	0	AR37	Diploid	M	Agricom	4.7
★	\$-51 to \$63	ROHAN NEA2	4	3	2	3	4	0.05	0.04	0.15	-0.01	0.09	0.75	0	NEA2	Diploid	L	Barenbrug Agriseeds	3.7

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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