

# Perennial Ryegrass Forage Value List

Upper Sth. Island



**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.

DairyNZ<sup>®</sup>  
Forage Value Index



Evaluation date: Jan 2020

Filtered by: UPPER SOUTH ISLAND, PERENNIAL RYEGRASS/AR1/NEA/NEA2/SE/UNKNOWN/WE/AR37, TETRAPLOID, MID/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>
★★★★	\$450 to \$576	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+
		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+
★★★	\$323 to \$450	AVATAR NEA	5	3	1	3	3	0.44	0.44	0.64	0.45	0.42	0.71	41	NEA	Tetraploid	VL	Cropmark 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	3.5
		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

<sup>1</sup>5 = Top rank, 1 = bottom rank, <sup>2</sup>Winter = Winter dry matter production (June-July), Early Spring = Early spring dry matter production (Aug-Sept), Late Spring = Late spring dry matter production (Oct-Nov), Summer = Summer dry matter production (Dec-Feb), Autumn = Autumn dry matter production (Mar-May), <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).

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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