

italian ryegrass

Italian ryegrass Forage EBVs
based on regional replicated trials

Cultivar	ploidy	Variety or brand	Mean				Flowering Days from Tetila		ME MJ/kg DM	CP %	NDF %	Extra meat value \$/ha	Extra milk value \$/ha	no. of trials
			winter	spring	summer	total	NSW	WA						
LATE MATURITY (> +11 days)														
SF Indulgence	diploid	variety	98	106	103	102	+14	+21	11.35	21.87	43.45	+\$251	+\$400	41
Momentum	diploid	variety	96	104	107	101	+14		11.39	22.82	43.70	+\$242	+\$383	24
Asset AR37	diploid	variety	106	107	102	106			11.32	24.67	45.34	+\$210	+\$317	7
SF Emmerson	tetraploid	variety	97	104	98	100	+13	+18	11.33	22.50	44.00	+\$157	+\$269	38
Feast II	tetraploid	variety	101	103	104	102	+12		11.20	22.51	44.44	+\$114	+\$200	37
SF Accelerate	diploid	variety	104	107	113	105	+12	+21	11.07	21.65	45.39	+\$138	+\$193	42
Tonuss	diploid	variety	99	104	109	101	+15		11.22	23.85	45.77	+\$83	+\$122	24
Maverick GII	diploid	variety	95	103	106	100	+14		11.14	22.05	44.95	+\$50	+\$95	27
Nourish	tetraploid	variety	95	99	105	97	+14		11.23	20.55	44.23	+\$26	+\$90	24
Concord 2	diploid	variety	113	108	88	110			10.91	20.11	46.91	+\$74	+\$65	4
Hulk	diploid	variety	99	98	100	99	+12		11.09	21.49	45.15	+\$25	+\$47	36
Jeanne	tetraploid	variety	90	97	81	94	+14		11.26	20.65	44.12	0	+\$52	15
Crusader	diploid	variety	100	100	100	100	+12	+18	11.10	22.29	46.08	\$0	\$0	42
Knight	diploid	variety	106	104	98	105			10.83	20.94	47.64	-\$71	-\$143	7
Icon	diploid	variety	82	105	93	97	+11		11.02	21.31	45.44	-\$61	-\$74	2
Aston	tetraploid	variety	99	93	-	96		+18	11.22	22.74	45.14	-\$27	0	7
Emmerson/Indulgence	4n/2n	blend	103	112		107	+13							5
Thumpa	tetraploid	variety	99	111		103								2
Turbo	diploid	variety	97	94	104	95								3
Awesome	diploid	pending	99	88		93								2
Denver	tetraploid	brand	88	81		84								2
MID MATURITY (< +11 days)														
Sonik	diploid	variety	101	100	90	100	+10		11.03	23.45	45.98	-\$22	-\$32	20
Diplex	diploid	brand	107	98	85	101	+7		10.85	24.65	46.50	-\$35	-\$78	11
Charger LM	diploid	variety	106	96	70	97	+7		10.78	21.00	47.28	-\$255	-\$381	8

Relative rankings have been undertaken by comparing all yields as a percentage of Crusader. Yield data is hundredised means from a minimum of 2 and up to 42 trials per variety/brand.

Notes:

Feed quality data undertaken prior to all grazings from trials at Gundagai and Lismore (NSW) with hundredised means reported.

Feed quality analysis undertaken by NSW DPI Feed Quality Service at Wagga Wagga

Meat and milk values estimated using Seed Force's Animal Performance Calculator™ based on the following assumptions:

- Meat at 65% feed utilisation, based on 300kg steer with 44MJ for maintenance and 45MJ/kg lwg at \$2.50/kg
- Milk at 75% feed utilisation, based on 600kg cow with 100MJ for maintenance/exercise/pregnancy and 5.5MJ/litre at \$0.40 per litre

No summer data means that those varieties have only been trialed by Seed Force in areas that finish in early December in annual growing regions. Where cells have no data it means that tests have not been undertaken on those varieties or brands.

Based on seed prices and ASF seeds database at 1/12/17.

