INTERGRAIN OATS UPDATE

Wallaby® & Kultarr®

Wallaby Ⓓ & Kultarr Ⓓ – Conventional Hay Oats

Wallaby Ⓓ - (Medium-high Rainfall)

- Mid-maturing hay variety
- Similar hay yields to Mulgara
- Hay quality is exceptional – Excellent digestibility and WSC
- Resistant to CCN, MSp to stem rust, Rp* to leaf rust, MSSp to Septoria, Rp to BYDV

Kultarr Ⓓ - (Medium-low Rainfall)

- Mid-quick maturing, tall hay oat
- Slightly later to flower than Brusher, similar to Mulgara
- Higher yielding than Brusher and Mulgara
- Adequate hay quality and disease resistance
- Rp* to leaf rust, MRMSp to BYDV and MSp to Septoria

* Wallaby and Kultarr Rp to leaf rust for western strain and MSp to east coast strain

Wallaby

2017 – 21 InterGrain SA, Vic and WA MET (33 trials)

Genotype	Relative hay yield (%)	Digest	WSC	NDF	CP
Wallaby	100%	2.41	1.03	-1.92	0.03
Wintaroo	101%	-0.45	-0.68	-0.16	-0.03
Mulgara	100%	0.53	1.14	-0.78	-0.20
Kingbale*	100%	-1.24	-0.48	0.44	-0.31
Brusher	99%	0.44	0.02	-0.05	0.16
Koorabup	97%	-1.08	-0.96	0.41	-0.14
Carrolup	94%	-1.08	-0.34	-0.38	0.04

*Kingbale – 2021 trials only (9 trials)

Kultarr

2017 – 21 InterGrain SA, Vic and WA MET (33 trials)

Genotype	Relative hay yield (%)	Digest	WSC	NDF	CP
Kultarr	104%	-0.30	-0.11	1.48	-0.27
Mulgara	100%	0.53	1.14	-0.78	-0.20
Yallara	100%	-0.79	0.35	-0.46	-0.13
Brusher	99%	0.44	0.02	-0.05	0.16
Carrolup	94%	-1.08	-0.34	-0.38	0.04

Wallaby® & Kultarr® – performance in National Hay Agronomy project at Tarlee, SA

Data collected is from the National Hay Agronomy project funded by the AgriFutures Export Fodder program

Table 6. Main effect of variety and sowing date for a range of hay yield and quality traits at Tarlee, South Australia, 2021. Highlighted in red are the worst performing treatments and in green the best performing treatments for each trait.

Variety, sowing date or nitrogen	Z71 relative to Mulgara (days)[A]	Plant height to flag leaf ligule (cm)	Plant height to top of panicle (cm)	Lodging (9-0)	Estimated hay yield (t/ha)	Greenness (SPAD)	Stem diameter (mm)	ADF (%)	NDF (%)	CP (%)	IVD (%)	WSC (%)
Brusher	+3	99	111	5.8	10.8	52.6	6.1	31.5	52.1	5.3	60.7	27.3
Kingbale	+13	106	116	8.2	12.2	53.8	7.0	33.9	54.1	3.5	58.4	25.7
Koorabup	+1	93	104	9.0	9.5	47.5	6.0	32.8	54.4	5.6	59.3	23.7
Mulgara	23-Sep	88	100	7.3	9.8	56.7	6.4	30.5	50.7	5.4	63.2	29.9
07079-9 (Wallaby)	+13	89	97	8.5	11.3	58.3	6.6	29.2	48.9	5.3	65.1	30.1
07423-18 (Kultarr)	+3	99	109	8.5	11.9	56.0	7.1	31.9	52.5	5.2	61.2	28.2
Average	**-**	**90**	**101**	**8.0**	**10.6**	**54**	**6.6**	**31.4**	**51.8**	**5.3**	**61.6**	**27.6**
Significance (V)	-	***	***	***	***	***	**	***	***	*	***	***
LSD(p=0.05)	-	*6*	*4*	*0.9*	*1.1*	*4*	*0.5*	*1.3*	*2.0*	*1.2*	*2.2*	*3.3*
TOS1 - 28 April	-	91	102	7.5	10.4	53	6.6	32.1	53.5	57.7	59.7	25.4
TOS2 - 18 May	-	89	101	8.5	10.8	56	6.6	30.6	50.1	52.4	63.4	29.8
Significance (TOS)	-	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	*	n.s.
LSD(p=0.05)	-	-	-	-	-	-	-	-	-	-	*3.3*	-
Significance (TOS X V)	-	**	*n.s.*	*	*	*n.s.*	*n.s.*	*n.s.*	*n.s.*	*n.s.*	*n.s.*	*n.s.*

[A]Cutting date was not statistically analysed as replicate samples for a variety were all cut on the same day.

THANK YOU!

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