



BAKER
S E E D C O.



2025
Trial Results



2025 Trial Results

- TOS1 Grazing Cereal Variety Trial (Early April Sowing)
- TOS2 Cereal Variety Trial (Late April Sowing)
- TOS3 Cereal Variety Trial (Mid-May Sowing)



TOS1 Key Information

The trial was established near Rutherglen, Victoria. The TOS1 trial was sown on the 7/4/25, soil moisture was dry on the surface. Seed was placed at 4cm into good sub-soil moisture.

Paddock History 2024: Canola

Paddock History 2023: Wheat

Paddock History 2022: Canola

Table 1: Fertiliser Inputs

Fertiliser	Rate (kg/ha)	Date of Application	Growth Stage
MAP	80	7/4/25	With seed at sowing
Urea	80	7/4/25	Below Seed at sowing
Urea	100	14/7/25	BBCH 30
Urea	150	12/8/25	BBCH 32

Table 2: Maintenance Records

Date	Product Name	Rate	Rate Unit	Description
7/04/2025	Sakura Flow	210	mL/ha	IBS
7/04/2025	Avadex Xtra	1.6	L/ha	IBS
7/04/2025	Glyphosate 450	2.5	L/ha	IBS
7/04/2025	Mateno Complete	750	mL/ha	IBS (Barley Only)
7/04/2025	Boxer Gold	2.5	L/ha	IBS (Oats Only)
4/07/2025	MCPA LVE	600	mL/ha	GS14 (GS13-15)
24/07/2025	Amistar Xtra	800	mL/ha	GS31 (GS26-62)
2/09/2025	Prosaro	400	mL/ha	GS39 (GS32-60)
2/09/2025	Uptake	0.5	% V/V	GS39 (GS32-60)
15/10/2025	Transform insecticide	50	g/ha	GS61 (GS55-65)
15/10/2025	Opera	500	mL/ha	GS61 (GS55-65)

Table 3: Rainfall records 2025 Rutherglen Research Station

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total
21.0	29.8	4.8	6.8	31.0	69.6	72.8	26.6	47.8	22.4	91.4	34.2	458.0

Table 4: Yield and Grain Quality Data (Wheat and Triticale)

Variety	Yield (Grazed) t/ha	Yield (Ungrazed) t/ha	Protein (Grazed)	Protein (Ungrazed)	HLW kg/hl (grazed)	HLW kg/hl (ungrazed)	Screenings (Grazed)	Screenings (Ungrazed)
Packer	7.422	7.512	10.7	10.9	74.7	77.1	1.5	1.2
Zanzibar	6.667	7.186	10.2	10.4	77.7	77.5	2.1	1.9
Bennett	6.236	6.613	10	10.6	73	76.8	3.8	2.5
Walaroo	6.108	6.974	10.2	10.8	76.1	74.9	3.3	2.9
Astute	5.867	6.248	10.3	11	70.3	71.5	1.4	1.2
RW71608	5.753	6.512	10.4	11.5	75.1	73.8	1.8	2.1
Severn	5.611	6.079	10.8	11.4	78.4	76.6	2.5	2.6
Waugh	5.534	6.138	11.1	11.6	76.4	76	1.6	1.5
Mowhawk	5.533	6.485	10.7	10.8	75.8	75.6	3.3	2.7
Illabo	5.47	6.395	10	10.9	70.6	72.7	1.9	1.3
Brighton	5.371	6.17	10.8	10.9	74.8	77	5.1	1.7
Anapurna	5.338	6.27	11.5	11.7	75.1	74.3	5	4.9
Kokoda	4.952	5.106	10.1	10.8	70.7	71.1	2.4	2.2
Cesario	4.813	5.84	10	11.5	74.4	72.2	4.7	1.6
Cartwheel	4.784	5.925	9.8	11.8	69.1	68.5	2.8	1.9

Table 5: Yield and Grain Quality Data (Oats)

Variety	Yield (Grazed)	Yield (Ungrazed)	Protein (Grazed)	Protein (Ungrazed)	HLW kg/hl (grazed)	HLW kg/hl (ungrazed)	Screenings (Grazed)	Screenings (Ungrazed)
Eurabbie	4.344	4.677	11.5	12.8	45	45.4	20	13.3
Sabre	2.564	2.924	13.5	13.9	47.4	47.7	48.1	56.9
Taipan	2.085	2.271	12.3	12.5	42.7	43.5	36.4	37.4

Table 6: Yield and Grain Quality Data (Barley)

Variety	Yield (Grazed) t/ha	Yield (Ungrazed) t/ha	Protein (Grazed)	Protein (Ungrazed)	HLW kg/hl (grazed)	HLW kg/hl (ungrazed)	Retention % (Grazed)	Retention % (Ungrazed)	Screenings (Grazed)	Screenings (Ungrazed)
Planet	8.194	7.956	11.2	11.4	67	65.4	88.2	88.9	2.4	2.9
Neo	7.938	7.813	10.9	10.8	64.2	64.6	74.6	79.6	5.8	4.1
IGB21130	6.912	7.205	11.5	12.3	56.9	59.6	45	57.3	12.5	9.2
Newton	5.993	6.095	10.8	13.5	61.8	58.1	54.2	41.1	6.7	12.7

TOS2 Key Information

The trial was established near Rutherglen, Victoria. The TOS2 trial was sown on the 28/4/25, soil moisture was dry on the surface. Seed was placed at 4cm into good sub-soil moisture.

Paddock History 2024: Canola

Paddock History 2023: Wheat

Paddock History 2022: Canola

Table 7: Fertiliser Inputs

Fertiliser	Rate (kg/ha)	Date of Application	Growth Stage
MAP	80	28/4/25	With seed at sowing
Urea	80	28/4/25	Below Seed at sowing
Urea	150	12/8/25	BBCH 31
Urea	150	03/9/25	BBCH 37

Table 8: Maintenance Records

Date	Product Name	Rate	Rate Unit	Description
28/04/2025	Avadex xtra	1.6	L/ha	IBS
28/04/2025	Sakura Flow	210	mL/ha	IBS
28/04/2025	Glyphosate 450	3	L/ha	IBS
28/04/2025	Mateno Complete	0.75	L/ha	IBS (Barley Only)
28/04/2025	Boxer Gold	2.5	L/ha	IBS (Oats Only)
4/07/2025	MCPA LVE	600	mL/ha	GS14 (GS13-15)
24/07/2025	Amistar Xtra	800	mL/ha	GS30 (GS22-30)
2/09/2025	Prosaro	400	mL/ha	GS37 (GS32-60)
2/09/2025	Uptake	0.5	% V/V	GS37 (GS32-60)
15/10/2025	Transform insecticide	50	g/ha	GS61 (GS55-65)
15/10/2025	Opera	500	mL/ha	GS61 (GS55-65)

Table 9: Rainfall records 2025 Rutherglen Research Station

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total
21.0	29.8	4.8	6.8	31.0	69.6	72.8	26.6	47.8	22.4	91.4	34.2	458.0

Table 10: Yield and Grain Quality Data (Wheat)

Variety	Yield T/HA	Protein %	HLW kg/hl	Screening %
Brumby	7.373	10.6	75.9	2.4
IGW6895	7.335	10.3	74.8	3.2
H16Q3X0336.SCI-097D	7.133	10.7	75.3	1.7
Matador	7.13	11.2	75.1	2.6
LRPB20-6891	7.075	11.2	80.2	3.9
Packer	7.046	10.8	74.7	2
IGW6955	6.982	10.5	71.6	2
Shotgun	6.967	10.1	70.7	1.9
Sundancer	6.909	11.1	79	2
Boa	6.862	11.3	72.7	1.1
Scepter	6.795	11	76.3	1.8
Major	6.761	11.3	77.2	2.7
Tomahawk	6.756	10.7	74.9	2.2
V15108-142	6.709	10.9	76	2.1
LRPB21-31589	6.586	12.1	72.6	1.9
19Q3H0393	6.481	12.3	70.8	4.8
19Q3H2327	6.469	10.3	79.1	1.8
V15019-88	6.341	10.8	74.1	2.7
16Q2H0310	6.227	12.2	70.1	3.6
20-07-W	6.182	12.6	75.7	3.2
Mowhawk	5.88	12.3	74.1	4.6
Severn	5.477	12.4	74.4	3.7
Wallaroo	5.257	12.1	69.2	5.2

Table 11: Yield and Grain Quality Data (Oats)

Variety	Yield T/HA	Protein %	HLW kg/hl	Screening %
Goldie	6.459	11.6	48.1	8.3
Archer	6.123	12.7	41.6	27.8
Koala	5.361	11.8	45.8	12.2
Minnie	5.35	12.9	43.5	8.9

Table 12: Yield and Grain Quality Data (Barley)

Variety	Yield T/HA	Protein %	HLW kg/hl	Screening %	Retention %
Atlantis	8.215	11.4	66.3	1.6	91.2
Spinnaker	7.937	12.1	67.2	3	86.8
Asteroid	7.903	11.8	65.5	3.1	84.2
IGB22023	7.892	12.9	69.3	0.9	95.4
Maximus	7.881	12.6	70.1	2.4	85.3
Neo Cl	7.857	10.8	65.6	3.7	82.5
IGB-21130	7.505	12.6	60.2	7.8	67.5
AGTB0530	7.5	12.4	70.2	3.6	83.6
IGB-22117	7.445	12	68.2	2.5	85.5

TOS3 Key Information

The trial was established near Rutherglen, Victoria. The TOS3 trial was sown on the 20/5/25, soil moisture was dry well below the surface. Seed was placed at 3cm into a dry and cloddy seed bed. Later rainfall germinated the seed.

Paddock History 2024: Canola

Paddock History 2023: Wheat

Paddock History 2022: Canola

Table 13: Fertiliser Inputs

Fertiliser	Rate (kg/ha)	Date of Application	Growth Stage
MAP	80	20/5/25	With seed at sowing
Urea	80	20/5/25	Below Seed at sowing
Urea	150	12/8/25	BBCH 25
Urea	150	03/9/25	BBCH 37

Table 14: Maintenance Records

Date	Product Name	Rate	Rate Unit	Description
20/05/2025	Boxer Gold	2	L/ha	IBS
20/05/2025	Hammer	45	mL/ha	IBS
20/05/2025	Glyphosate 450	2	L/ha	IBS
20/05/2025	Trifluralin	2	L/ha	Wheat and barley only
4/07/2025	MCPA LVE	600	mL/ha	GS14 (GS13-15)
24/07/2025	Mateno complete	750	mL/ha	GS24 (GS22-26) (Barley)
24/07/2025	Mateno complete	1	L/ha	GS24 (GS22-26) (Wheat)
14/08/2025	Bumper	200	mL/ha	GS26 (GS25-30)
2/09/2025	Prosaro	400	mL/ha	GS37 (GS32-60)
2/09/2025	Uptake	0.5	% V/V	GS37 (GS32-60)
15/10/2025	Transform insecticide	50	g/ha	GS61(GS55-65)
15/10/2025	Opera	500	mL/ha	GS61(GS55-65)

Table 15: Rainfall records 2025 Rutherglen Research Station

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total
21.0	29.8	4.8	6.8	31.0	69.6	72.8	26.6	47.8	22.4	91.4	34.2	458.0

Table 16: Yield and Grain Quality Data (Wheat)

Variety	Yield T/HA	Protein %	HLW kg/hl	Screening %
Major	6.692	11.3	74.9	5.2
19Q3H0499	6.207	10.9	68.4	5.6
LRPB-34503	6.182	11	61.5	4.6
Tomahawk	6.123	10.9	70	3.6
Sunmaster	6.096	11.4	79.7	3.1
V15108-142	6.022	11.5	71.4	6.1
Shotgun	5.928	11.2	62.4	4.4
Beckom	5.885	11.4	73.9	7.1
BOA	5.856	11.4	68.1	3.6
19Q3H2327	5.805	11	73.8	2.4
Ponsford	5.79	10.9	72.8	2.8
LRPB20-8165	5.749	11.7	65.6	6.6
Matador	5.667	11.9	69.8	7
IGW6955	5.62	11	68.1	4.4
H16Q3X0336.SCI-097D	5.577	11.5	66.1	3.8
16Q2H0310	5.349	12.7	67.2	6.4
19Q3H0393	5.338	11.7	65.4	10.1
Ironbark	5.334	12.2	70.4	6.2
Healy	5.194	12.2	73.9	7.7
IGW5466	4.925	11.8	66.8	8.1
IGW6895	4.774	12.1	61.4	9.3

(Durum)

Variety	Yield T/HA	Protein %	HLW kg/hl	Screening %
Vittaroi	4.797	13.1	72	1.6
AGT199	4.387	14.2	65.1	7.3

Table 17: Yield and Grain Quality Data (Oats)

Variety	Yield T/HA	Protein %	HLW kg/hl	Screening %
Goldie	6.529	12	47.8	10.3
15175-56	5.87	14.1	41.9	15.4

Table 18: Yield and Grain Quality Data (Barley)

Variety	Yield T/HA	Protein %	HLW kg/hl	Retention %	Screening %
Neo	7.598	13.1	62.9	76.8	5.9
Spinnaker	7.59	13.8	70.7	82.8	3.3
Atlantis	7.573	13.2	61.8	65.8	9
Pegasus	7.413	12.9	66.7	85.9	3
IGB21130	7.229	12.8	68.4	83.4	3
IGB22117	7.154	13.5	67.4	87.7	1.3
Asteroid	7.112	13.9	62	63.8	12.3
Maximus	7.014	13.3	67.2	82.3	3.5
Bigfoot	7.008	12.7	64.8	82.8	3.9
IGB22023	6.932	12.6	63.8	83.4	3.3
AGTB0530	6.725	12.3	68.1	82.3	2