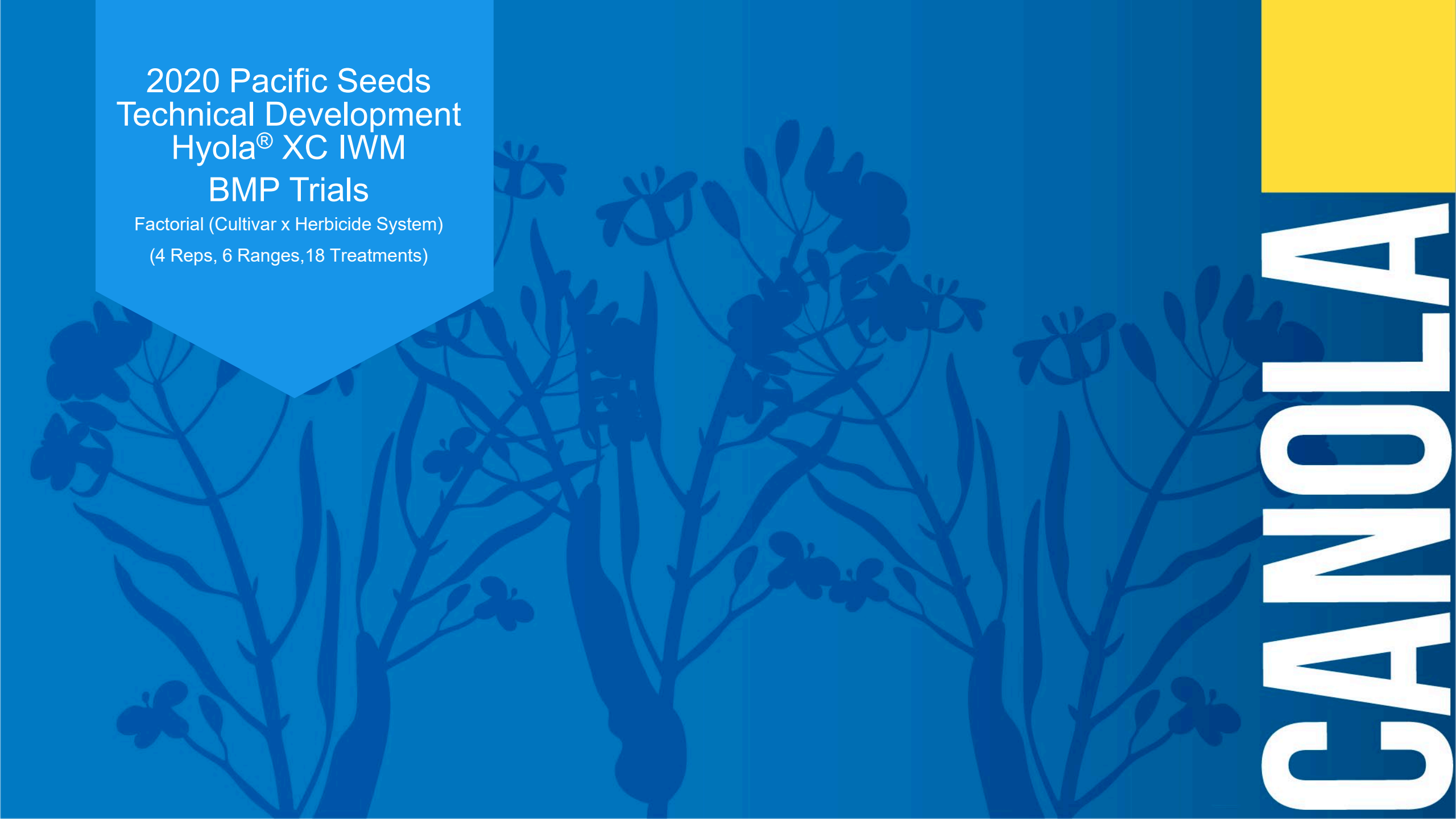




Pacific Seeds

Growing possibilities

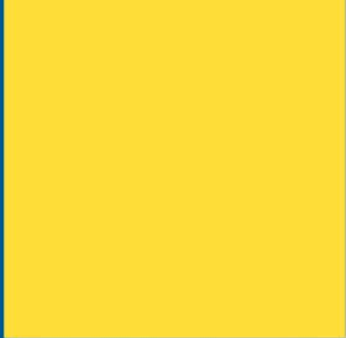
A stylized silhouette of a canola plant with multiple stems, leaves, and flower clusters, set against a blue background with vertical stripes. The plant is positioned on the left side of the image, with its stems extending towards the right.

2020 Pacific Seeds Technical Development Hyola® XC IWM

BMP Trials

Factorial (Cultivar x Herbicide System)

(4 Reps, 6 Ranges, 18 Treatments)

A solid yellow square located in the top right corner of the image.

CANOLA

2020 Pacific Seeds Hyola® XC IWM BMP Trial Summary

Hyola® XC Technical Development IWM BMP Trials are conducted to evaluate treatment or agronomy practices (e.g. herbicide rates, timings, weed efficacy studies) on new technologies that could have potential to improve Australian canola farming systems profitability and sustainability.

The Hyola® XC IWM BMP trial aims are to determine weed control efficacies on the intended presence of Brome Grass (*Bromus diandrus* and/or *B. rigidus*), Wild Radish (*Raphanus raphanistrum*) and Annual Ryegrass (*Lolium rigidum*) and the subsequent effects on grain yield production and \$ per ha gross return when comparing treatments across:

Hyola® XX - TruFlex® hybrid vs Hyola® XC dual herbicide stacked TruFlex®+ Clearfield® hybrid vs Hyola® CT dual herbicide stacked Clearfield® + Triazine hybrid vs Hyola® CL - Clearfield® hybrid vs OP TT herbicide technology systems.

These trials are conducted in a range of locations and environments with different seasonal rainfall, soil types, however in cropping fields where no expected Group B residual is likely, however expectations are that some forms of herbicide resistance may be present in specific weed species.



2020 Pacific Seeds Hyola® XC IWM BMP Trial - Treatment Listing

Herbicide IWM Treatments: Strategy/Scenario/Regime	Treatment ID	TRT #	Hybrid Technology	Target Density Seeding Rate	Herbicide Treatments by Active Ingredient and Application Timing						
					Knockdown Application (Code A)	IBS (Code B)	PSPE (Code C)	Early Post Em (2-4 Leaf) (Code D)	Post Em (4-6 Leaf stage) (Code E)	Late Post Em (first flower) (Code F)	Crop Top (20% Color Change) (Code G)
Full Rate IMI 4-6leaf Only	XC-1xCLM	1	Hyola XC	40/m2	RRH 690g/ha + Sharpen 26g/ha + 1% Hasten	550 g/ha Edge			750 mL/ha Intervix		
2 Spray 1.3L RRH - 4-6 leaf and 1st Flower	XX-2xRRMF	2	Hyola XX	40/m2	RRH 690g/ha + Sharpen 26g/ha + 1% Hasten	550 g/ha Edge			1.3 kg/ha RRH	1.3 kg/ha RRH	
2 Spray 1.3L RRH - 4-6 leaf and 1st Flower	XC-2xRRMF	3	Hyola XC	40/m2	RRH 690g/ha + Sharpen 26g/ha + 1% Hasten	550 g/ha Edge			1.3 kg/ha RRH	1.3 kg/ha RRH	
3 Spray 0.9 RRH - 2-4leaf, 4-6 leaf and 1st Flower	XX-3xRREMF	4	Hyola XX	40/m2	RRH 690g/ha + Sharpen 26g/ha + 1% Hasten	550 g/ha Edge		0.9 Kg/ha RRH	0.9 Kg/ha RRH	0.9 Kg/ha RRH	
2 Spray 1.3L RRH - 6 leaf and 1st Flower + IMI 2-4 leaf	XC-2xRRMF1xCLE	5	Hyola XC	40/m2	RRH 690g/ha + Sharpen 26g/ha + 1% Hasten	550 g/ha Edge		750 mL/ha Intervix	1.3 kg/ha RRH	1.3 kg/ha RRH	
2 Spray 1.3L RRH - 6 leaf and 1st Flower + IMI 4-6leaf	XC-2xRRMF1xCLM	6	Hyola XC	40/m2	RRH 690g/ha + Sharpen 26g/ha + 1% Hasten	550 g/ha Edge			1.3 kg/ha RRH + 750 mL/ha Intervix	1.3 kg/ha RRH	
Full Rate IMI 4-6leaf + DST CropTop	XC-1xCLM1xCTP	7	Hyola XC	40/m2	RRH 690g/ha + Sharpen 26g/ha + 1% Hasten	550 g/ha Edge			750 mL/ha Intervix		3.4 L/ha Roundup Ultra® Max
2 Spray 0.9 RRH - 2-4 leaf & 1st Flower + DST Croptop	XX-2xRREF1xCTP	8	Hyola XX	40/m2	RRH 690g/ha + Sharpen 26g/ha + 1% Hasten	550 g/ha Edge		0.9 Kg/ha RRH		0.9 Kg/ha RRH	3.4 L/ha Roundup Ultra® Max
2 Spray 0.9 RRH - 2-4 leaf & 1st Flower + DST Croptop	XC-2xRREF1xCTP	9	Hyola XC	40/m2	RRH 690g/ha + Sharpen 26g/ha + 1% Hasten	550 g/ha Edge		0.9 Kg/ha RRH		0.9 Kg/ha RRH	3.4 L/ha Roundup Ultra® Max
2 Spray 0.9 RRH - 4-6 leaf & 1st Flower + IMI 2-4leaf + DST Croptop	XC-2xRRMF1xCLE1xCTP	10	Hyola XC	40/m2	RRH 690g/ha + Sharpen 26g/ha + 1% Hasten	550 g/ha Edge		750 mL/ha Intervix	0.9 Kg/ha RRH	0.9 Kg/ha RRH	3.4 L/ha Roundup Ultra® Max
2 Spray 0.9 RRH - 4-6 leaf & 1st Flower + IMI 4-6leaf + DST Croptop	XC-2xRRMF1xCLM1xCTP	11	Hyola XC	40/m2	RRH 690g/ha + Sharpen 26g/ha + 1% Hasten	550 g/ha Edge			0.9 Kg/ha RRH + 750 mL/ha Intervix	0.9 Kg/ha RRH	3.4 L/ha Roundup Ultra® Max
2 Spray 0.9 RRH - 4-6leaf & 1st Flower + DST Croptop	XX-2xRRMF1xCTP	12	Hyola XX	40/m2	RRH 690g/ha + Sharpen 26g/ha + 1% Hasten	550 g/ha Edge			0.9 Kg/ha RRH	0.9 Kg/ha RRH	3.4 L/ha Roundup Ultra® Max
Full Rate IMI 4-6leaf Only	CL-1xCLM	13	Hyola CL	40/m2	RRH 690g/ha + Sharpen 26g/ha + 1% Hasten	550 g/ha Edge			750mL/ha Intervix + 500mL/ha Select + 0.5% Uptake		
Full Rate IMI 4-6leaf Only + DST Croptop	CL-1xCLM1xCTP	14	Hyola CL	40/m2	RRH 690g/ha + Sharpen 26g/ha + 1% Hasten	550 g/ha Edge			750mL/ha Intervix + 500mL/ha Select + 0.5% Uptake		3.4 L/ha Roundup Ultra® Max
2 Spray 1.1kg TT - PSPE & 4-6leaf + IMI 4-6leaf	CT-2xTTEM1xCLM	15	Hyola CT	40/m2	RRH 690g/ha + Sharpen 26g/ha + 1% Hasten	550 g/ha Edge	1.1kg/ha Kelpie A-zine		1.1kg/ha Kelpie A-zine + 750mL/ha Intervix + 500mL/ha Select + 0.5% Uptake		
2 Spray 1.1kg TT - PSPE & 4-6leaf + IMI 4-6leaf + DST Croptop	CT-2xTTEM1xCLM1xCTP	16	Hyola CT	40/m2	RRH 690g/ha + Sharpen 26g/ha + 1% Hasten	550 g/ha Edge	1.1kg/ha Kelpie A-zine		1.1kg/ha Kelpie A-zine + 750mL/ha Intervix + 500mL/ha Select + 0.5% Uptake		3.4 L/ha Roundup Ultra® Max
2 Spray 1.1kg TT - PSPE & 4-6leaf + Select 4-6	OPPT-2xTTEM1xSLM	17	OP TT	40/m2	RRH 690g/ha + Sharpen 26g/ha + 1% Hasten	550 g/ha Edge	1.1kg/ha Kelpie A-zine		1.1kg/ha Kelpie A-zine + 500mL/ha Select + 0.5% Uptake		
2 Spray 1.1kg TT - PSPE & 4-6leaf + Select 4-6leaf + DST Croptop	OPPT-2xTTEM1xSLM1xCTP	18	OP TT	40/m2	RRH 690g/ha + Sharpen 26g/ha + 1% Hasten	550 g/ha Edge	1.1kg/ha Kelpie A-zine		1.1kg/ha Kelpie A-zine + 500mL/ha Select + 0.5% Uptake		3.4 L/ha Roundup Ultra® Max

2020 Hyola® XC IWM Trial – Agronomic Details

2020 Pacific Seeds Hyola XC IWM Trials - Overall Details

Trial	Trial	Trial Service	# of Plots	Crop	Sowing	4-6 Leaf	GSR (mm)
Location	State	Provider	(incl Buff) - Reps	History	Date	Spray Date	Rainfall
Frankland	WA	Kalyx Australia	72 – 4	C,W,B	30.04.20	02.07.20	324
Morbinning	WA	Synergy Research	72 – 4	W,F,B	28.04.20	10.06.20	250
Inverleigh	VIC	SFS Vic	72 - 4	Ryegrass Hay	20.04.20	27.06.20	380

2020 Pacific Seeds Hyola XC IWM Trials - Soil Details

Trial	Trial	Soil	pH (0-10)	pH (10-20)	EC dS/m	OC %	PBI
Location	State	Type	CaCl2	CaCl2	(0-10)	(0-10)	Score
Frankland	WA	Gray-Brown Loamy Sand	5.0	4.7	0.09	3.7	133.0
Morbinning	WA	Grey-Brown Sand Loam	5.4	5.5	0.12	1.0	30.0
Inverleigh	VIC	Sandy Clay Loam	5.0	5.3	0.08	2.3	48.5

2020 Pacific Seeds Hyola XC IWM Trials - Sowing Details

Trial	Trial	Sowing	Tillage	Soil Moisture	Seed	Seeding	Stubble
Location	State	Equipment	Type	Depth (0-10cm)	Bed	Depth (cm)	Loading
Frankland	WA	TPS002	Direct drilled	Dry	Friable	0.5	10%
Morbinning	WA	Airseeder LAMCo1	Direct drilled	Damp at 10cm	Dry & Friable	2.0	80%
Inverleigh	VIC	KPPW	Direct drilled	Moist	Cloddy	1.0	80%



2020 Frankland WA Hyola XC IWM Trial

2020 Hyola® XC IWM Trial – Morbinning WA Photos



**2020 Morbinning WA Hyola XC IWM Trial
Quairading WA Synergy Grower Group**



**2020 Morbinning WA Hyola XC IWM Trial
Beverley WA Synergy Grower Group**



Hyola® 410XX
2 Spray High RRH
4-6L & 1st Flower

Stage: Knockdown
RRH 690g/ha
Sharpen® 26g/ha
Hasten® 1%
Stage: IBS
Edge® 550g/ha
Stage: Post Em (4-6Leaf)
RRH 1.3kg/ha
Stage: Late Post Em
(1st Flower)
RRH 1.3kg/ha



Hyola® 540XC
2 Spray High RRH
4-6L & 1st Flower

Stage: Knockdown
RRH 690g/ha
Sharpen® 26g/ha
Hasten® 1%
Stage: IBS
Edge® 550g/ha
Stage: Post Em (4-6Leaf)
RRH 1.3kg/ha
Stage: Late Post Em
(1st Flower)
RRH 1.3kg/ha



Hyola® 410XX
3 Spray RRH
2-4L, 4-6L & 1st Flow

Stage: Knockdown
RRH 690g/ha
Sharpen® 26g/ha
Hasten® 1%
Stage: IBS
Edge® 550g/ha
Stage: Early Post Em
(2-4Leaf)
RRH 0.9kg/ha
Stage: Post Em (4-6Leaf)
RRH 0.9kg/ha
Stage: Late Post Em
(1st Flower)
RRH 0.9kg/ha



Hyola® 540XC
2 Spray RRH + CLE
2-4L, 4-6L & 1st Flow

Stage: Knockdown
RRH 690g/ha
Sharpen® 26g/ha
Hasten® 1%
Stage: IBS
Edge® 550g/ha
Stage: Early Post Em
(2-4Leaf)
RRH 1.3kg/ha
Stage: Post Em (4-6Leaf)
RRH 1.3kg/ha
Stage: Late Post Em
(1st Flower)
RRH 1.3kg/ha



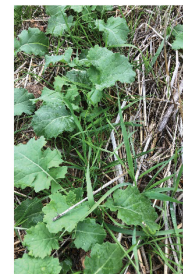
Hyola® 540XC
2 Spray RRH + CLM
4-6L & 1st Flower

Stage: Knockdown
RRH 690g/ha
Sharpen® 26g/ha
Hasten® 1%
Stage: IBS
Edge® 550g/ha
Stage: Post Em (4-6Leaf)
RRH 1.5kg/ha
Stage: Late Post Em
(1st Flower)
RRH 1.3kg/ha



Hyola® 410XX
2 Spray RRH + CTP
4-6L & 1st Flow + CTP

Stage: Knockdown
RRH 690g/ha
Sharpen® 26g/ha
Hasten® 1%
Stage: IBS
Edge® 550g/ha
Stage: Early Post Em
(2-4Leaf)
RRH 0.9kg/ha
Stage: Late Post Em
(1st Flower)
RRH 0.9kg/ha
Stage: Crop Top 20%
RR Ultra® MAX 3.4L/ha



Hyola® 540XC
2 Spray RRH + CTP
4-6L & 1st Flow + CTP

Stage: Knockdown
RRH 690g/ha
Sharpen® 26g/ha
Hasten® 1%
Stage: IBS
Edge® 550g/ha
Stage: Early Post Em
(2-4Leaf)
RRH 0.9kg/ha
Stage: Late Post Em
(1st Flower)
RRH 0.9kg/ha
Stage: Crop Top 20%
RR Ultra® MAX 3.4L/ha



Hyola® 540XC
2 Spray RRH + CLE
4-6L & 1st Flow + CTP

Stage: Knockdown
RRH 690g/ha
Sharpen® 26g/ha
Hasten® 1%
Stage: IBS
Edge® 550g/ha
Stage: Early Post Em
(2-4Leaf)
RRH 0.9kg/ha
Stage: Post Em (4-6Leaf)
RRH 0.9kg/ha
Stage: Late Post Em
(1st Flower)
RRH 0.9kg/ha
Stage: Crop Top 20%
RR Ultra® MAX 3.4L/ha



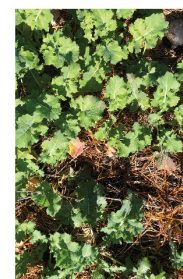
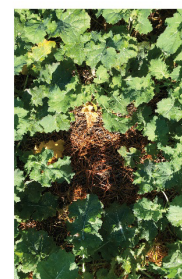
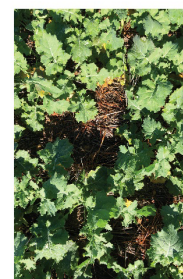
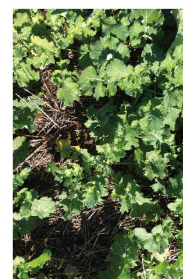
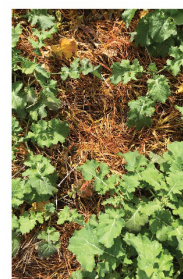
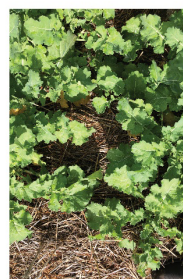
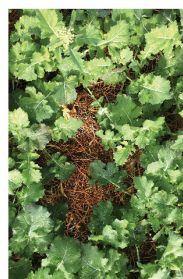
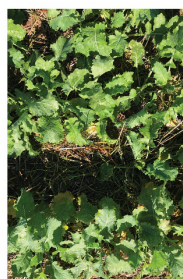
Hyola® 540XC
2 Spray RRH + CLM
4-6L & 1st Flow + CTP

Stage: Knockdown
RRH 690g/ha
Sharpen® 26g/ha
Hasten® 1%
Stage: IBS
Edge® 550g/ha
Stage: Post Em (4-6Leaf)
RRH 0.9kg/ha
Stage: Late Post Em
(1st Flower)
RRH 0.9kg/ha
Stage: Crop Top 20%
RR Ultra® MAX 3.4L/ha



Hyola® 410XX
2 Spray RRH + CTP
4-6L & 1st Flow + CTP

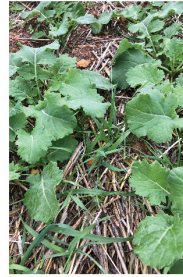
Stage: Knockdown
RRH 690g/ha
Sharpen® 26g/ha
Hasten® 1%
Stage: IBS
Edge® 550g/ha
Stage: Post Em (4-6Leaf)
RRH 0.9kg/ha
Stage: Late Post Em
(1st Flower)
RRH 0.9kg/ha
Stage: Crop Top 20%
RR Ultra® MAX 3.4L/ha





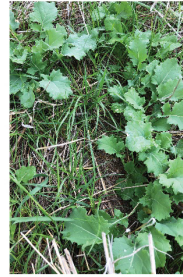
Hyola® 540XC
1 Spray Clearfield
4-6 Leaf

Stage: Knockdown
RRH 690g/ha
Sharpen® 26g/ha
Hasten® 1%
Stage: IBS
Edge® 550g/ha
Stage: Post Em
(4-6Leaf)
Intervix® 750ml/ha



Hyola® 540XC
1 Spray Clearfield
4-6 Leaf + CTP

Stage: Knockdown
RRH 690g/ha
Sharpen® 26g/ha
Hasten® 1%
Stage: IBS
Edge® 550g/ha
Stage: Post Em
(4-6Leaf)
Intervix® 750ml/ha
Stage: Crop Top 20%
RR Ultra® MAX 3.4L/ha



Hyola® CL
1 Spray CL + Select
4-6 Leaf

Stage: Knockdown
RRH 690g/ha
Sharpen® 26g/ha
Hasten® 1%
Stage: IBS
Edge® 550g/ha
Stage: Post Em
(4-6Leaf)
Intervix® 750ml/ha
Select® 500ml/ha
0.5% Uptake®



Hyola® CL
1 Spray CL + Select
4-6 Leaf + CTP

Stage: Knockdown
RRH 690g/ha
Sharpen® 26g/ha
Hasten® 1%
Stage: IBS
Edge® 550g/ha
Stage: Post Em
(4-6Leaf)
Intervix® 750ml/ha
Select® 500ml/ha
0.5% Uptake®
Stage: Crop Top 20%
RR Ultra® MAX 3.4L/ha



Hyola® Enforcer CT
2 Spray TT + CL + Sel
PSPE & 4-6 Leaf

Stage: Knockdown
RRH 690g/ha
Sharpen® 26g/ha
Hasten® 1%
Stage: IBS
Edge® 550g/ha
Stage: PSPE
Atrazine 1.1kg/ha
Stage: Post Em
(4-6Leaf)
Atrazine 1.1kg/ha
Intervix® 750ml/ha
Select® 500ml/ha
0.5% Uptake®



Hyola® Enforcer CT
2 Spray TT + CL + Sel
PSPE & 4-6L + CTP

Stage: Knockdown
RRH 690g/ha
Sharpen® 26g/ha
Hasten® 1%
Stage: IBS
Edge® 550g/ha
Stage: PSPE
Atrazine 1.1kg/ha
Stage: Post Em
(4-6Leaf)
Atrazine 1.1kg/ha
Intervix® 750ml/ha
Select® 500ml/ha
0.5% Uptake®
Stage: Crop Top 20%
RR Ultra® MAX 3.4L/ha



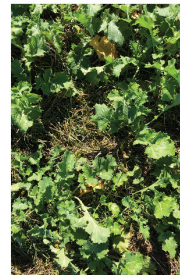
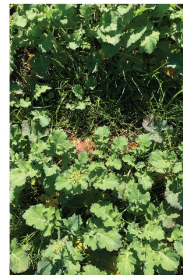
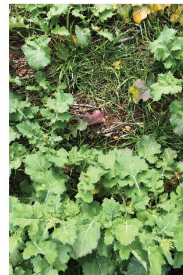
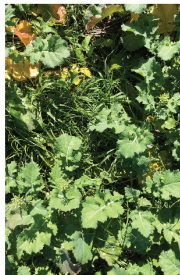
OP TT Variety
2 Spray TT + Select
PSPE & 4-6 Leaf

Stage: Knockdown
RRH 690g/ha
Sharpen® 26g/ha
Hasten® 1%
Stage: IBS
Edge® 550g/ha
Stage: PSPE
Atrazine 1.1kg/ha
Stage: Post Em
(4-6Leaf)
Atrazine 1.1kg/ha
Intervix® 750ml/ha
Select® 500ml/ha
0.5% Uptake®



OP TT Variety
2 Spray TT + Select
PSPE & 4-6L + CTP

Stage: Knockdown
RRH 690g/ha
Sharpen® 26g/ha
Hasten® 1%
Stage: IBS
Edge® 550g/ha
Stage: PSPE
Atrazine 1.1kg/ha
Stage: Post Em
(4-6Leaf)
Atrazine 1.1kg/ha
Intervix® 750ml/ha
Select® 500ml/ha
0.5% Uptake®
Stage: Crop Top 20%
RR Ultra® MAX 3.4L/ha



2020 Hyola® XC IWM Trial – Morbinning WA Treatment Photo Comparisons



XC-2xRRMF1xCLE1xCTP (LHS)
OPTT-2xTTEM1xSLM (CTR)
XC-1xCLM1xCTP (RHS)



XC-1xCLM1xCTP (LHS)
CT-2xTTEM1xCLM (RHS)



XC-2xRRMF1xCLE1xCTP (LHS)
XC-2xRRMF1xCLM (CTR)
XX-3xRREMF (RHS)

2020 Hyola® XC IWM Trial – Results Heatmap

Treatment	Annual ryegrass (plants m ⁻²)			Annual ryegrass (spikes plot ⁻¹)			Canola yield (T ha ⁻¹)		
	F	M	T	F	M	T	F	M	T
1	25.5a-d	2.5ab	7.1a	39bc	39.5ab	240a	2.19ab	1.12c	3.57a
2	8.5ef	0c	0.4c	5.8e	0d	14.8de	2.53ab	1.76ab	3.73a
3	7.5ef	0.1c	0.8bc	6.5e	0d	13.5de	2.44ab	1.46abc	3.71a
4	5f	0.1c	0.2c	9.5e	0d	8.8de	2.50ab	1.85a	3.81a
5	8.8ef	0.1c	0.5bc	7.5e	1d	12de	2.49ab	1.43bc	3.70a
6	6f	0c	0.2c	7.5e	0d	4de	2.47ab	1.42bc	3.74a
7	33.5ab	3.9a	6.9a	36bcd	19.5b	168ab	2.24ab	1.21bc	3.66a
8	15.5def	0.2c	1.9bc	7e	2.5cd	26.5d	2.50ab	1.93a	3.74a
9	18.3cde	0.2c	1.8bc	8e	1d	32.5d	2.43ab	1.55abc	3.79a
10	7.5ef	0.1c	0.1c	4.3e	1d	2.3e	2.59a	1.51abc	3.94a
11	7.5ef	0.2c	0.2c	7.3e	0d	2.3e	2.59a	1.51abc	3.92a
12	8ef	0c	0.5bc	8.5e	0d	8.8de	2.63a	1.86a	3.78a
13	31.5ab	1.7ab	6.3a	26.3cde	46a	188ab	2.14ab	1.50abc	3.92a
14	34a	2ab	5.6a	31.3cde	18b	136bc	2.26ab	1.62abc	4.08a
15	24a-d	2ab	4.9a	21.3de	9.3bc	124bc	2.16ab	1.57abc	3.79a
16	20.5b-e	1.9ab	5.8a	26cde	6.8c	89.3c	2.26ab	1.69ab	3.71a
17	29abc	2.4ab	5a	57.8a	19.8b	177ab	1.69b	1.32bc	2.88b
18	30abc	1.6b	4ab	53ab	18.8b	171ab	1.85ab	1.40bc	2.86b
P	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.018	<0.0001	<0.0001

2020 Hyola® XC IWM Trial – Results Heatmap

Canola type	PS PE	2 to 4-leaf	4 to 6-leaf	First flower	Crop top	Annual ryegrass (plants m ⁻²)			Annual ryegrass (spikes plot ⁻¹)			Canola yield (T ha ⁻¹)		
						F	M	T	F	M	T	F	M	T
Hyola XC			In			25.5	2.5	7.1	39	39.5	240	2.19	1.12	3.57
Hyola XX			HRRH	HRRH		8.5	0	0.4	5.8	0	14.8	2.53	1.76	3.73
Hyola XC			HRRH	HRRH		7.5	0.1	0.8	6.5	0	13.5	2.44	1.46	3.71
Hyola XX		LRRH	LRRH	LRRH		5	0.1	0.2	9.5	0	8.8	2.5	1.85	3.81
Hyola XC		In	HRRH	HRRH		8.8	0.1	0.5	7.5	1	12	2.49	1.43	3.7
Hyola XC			HRRH+In	HRRH		6	0	0.2	7.5	0	4	2.47	1.42	3.74
Hyola XC			In		RUM	33.5	3.9	6.9	36	19.5	168	2.24	1.21	3.66
Hyola XX		LRRH		LRRH	RUM	15.5	0.2	1.9	7	2.5	26.5	2.5	1.93	3.74
Hyola XC		LRRH		LRRH	RUM	18.3	0.2	1.8	8	1	32.5	2.43	1.55	3.79
Hyola XC		In	LRRH	LRRH	RUM	7.5	0.1	0.1	4.3	1	2.3	2.59	1.51	3.94
Hyola XC			LRRH+In	LRRH	RUM	7.5	0.2	0.2	7.3	0	2.3	2.59	1.51	3.92
Hyola XX			LRRH	LRRH	RUM	8	0	0.5	8.5	0	8.8	2.63	1.86	3.78
Hyola CL			In+Cle			31.5	1.7	6.3	26.3	46	188	2.14	1.5	3.92
Hyola CL			In+Cle		RUM	34	2	5.6	31.3	18	136	2.26	1.62	4.08
Hyola CT	Atr		Atr+In+Cle			24	2	4.9	21.3	9.3	124	2.16	1.57	3.79
Hyola CT	Atr		Atr+In+Cle		RUM	20.5	1.9	5.8	26	6.8	89.3	2.26	1.69	3.71
OP TT	Atr		Atr+Cle			29	2.4	5	57.8	19.8	177	1.69	1.32	2.88
OP TT	Atr		Atr+Cle		RUM	30	1.6	4	53	18.8	171	1.85	1.4	2.56