



Loveland

AGRI PRODUCTS

Trial Data

MSO with LECL-TECH - Wheat

Temora, NSW

Trial Setup

- Fully randomised and replicated plot work - 4 replicates
- Plot size - 10m X 1.7m

Treatments:	<i>Axial (Pinoxaden + Cloquintocet-mexyl)</i>
Growth stage:	<i>Z13 - Z22</i>
Target pest:	<i>Annual ryegrass</i>
Spraying date:	<i>07/07/2015</i>
Site:	<i>Temora, NSW</i>
Variety:	<i>Suntop Wheat @ 60kg/ ha</i>
GSP:	<i>Axial + Adigor</i>
 Protocol:	 <i>Axial +/- Liberate, Adigor, MSO with LECI-TECH</i>

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Trial Protocol

Treatment		Applied Rate / ha
T1	Axial + Liberate	300mL/ ha + 0.5%
T2	Axial + Adigor	300mL/ ha + 0.5%
T3	Axial + MSO with LECI-TECH	300mL/ ha + 0.5%
T4	Untreated	-

Axial: 100g/ L Pinoxaden + 25g/ L Cloquintocet-mexyl

Wheat - Phytotoxicity & Biomass Reduction

Treatment		Phytotoxicity	Biomass Reduction
Axial + Liberate	300mL/ ha + 0.5%	0	0
Axial + Adigor	300mL/ ha + 0.5%	0	0
Axial + MSO with LECI-TECH	300mL/ ha + 0.5%	0	0
Untreated	-	0	0

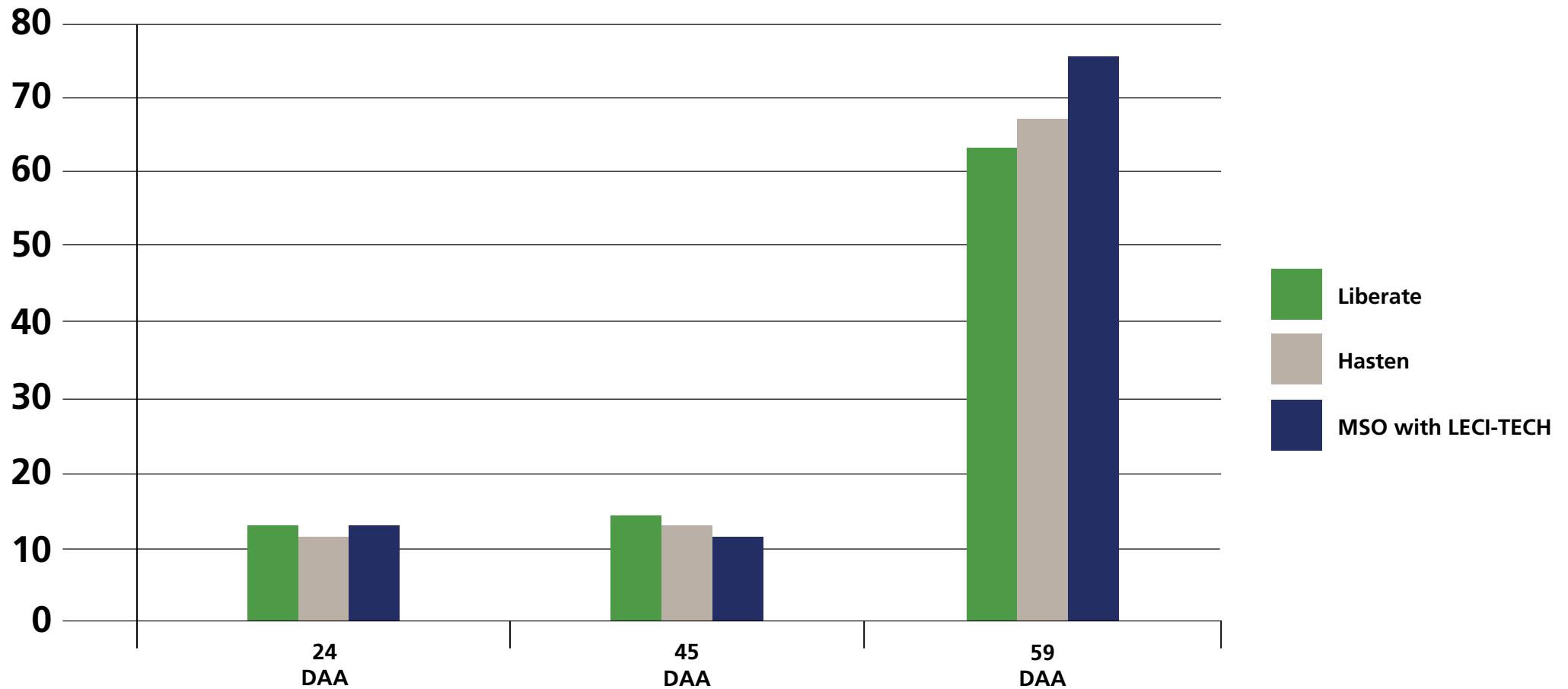
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ARG Plant Death %

Treatment		21 DAA	35 DAA	48 DAA
Axial + Liberate	300mL/ ha + 0.5%	12.50	13.75	63.75
Axial + Adigor	300mL/ ha + 0.5%	11.25	12.50	67.50
Axial + MSO with LECI-TECH	300mL/ ha + 0.5%	12.50	11.25	75.00
Untreated	-	0	0	0
	LSD (P=0.05)	5.032	5.162	17.595
	CV	34.71	34.43	21.33

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ARG Plant Death %



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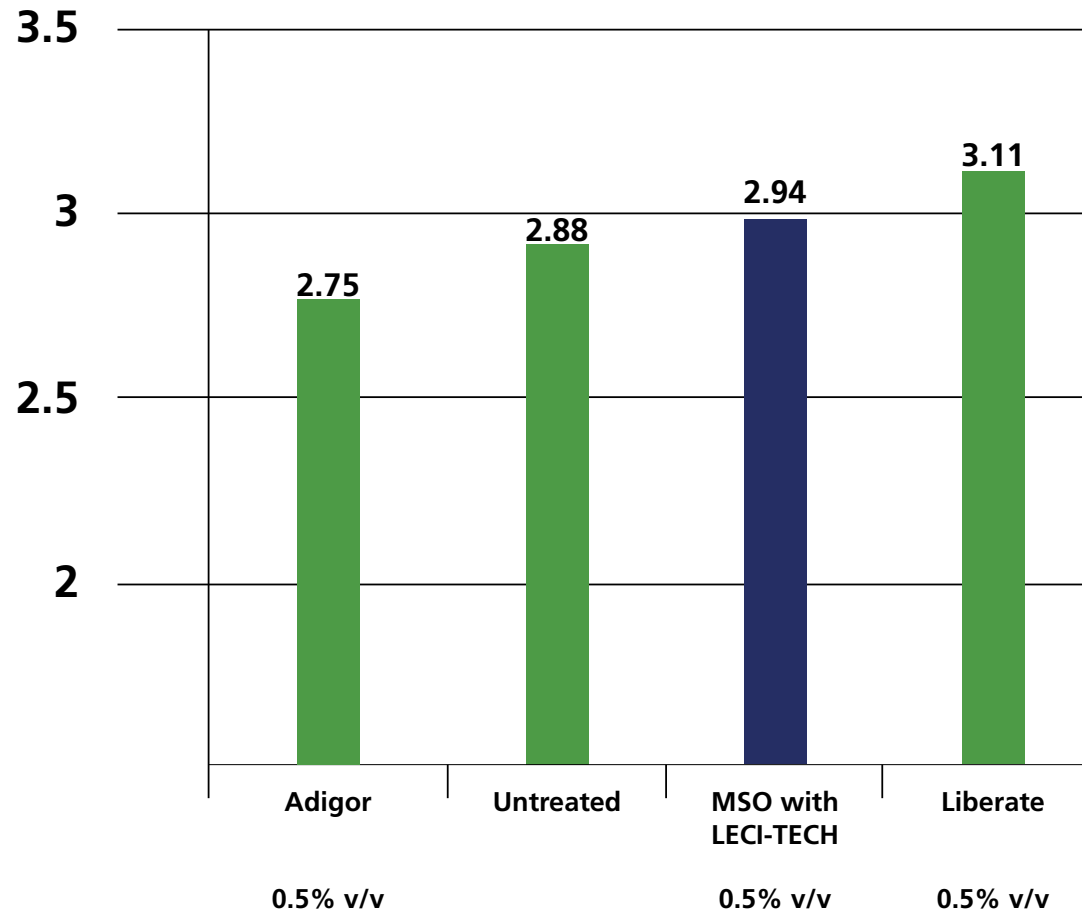
Wheat Yield - t/ ha

Treatment		Yield t/ ha
Axial + Liberate	300mL/ ha + 0.5%	3.11
Axial + Adigor	300mL/ ha + 0.5%	2.75
Axial + MSO with LECI-TECH	300mL/ ha + 0.5%	2.94
Untreated	-	2.88

LSD (P=0.05) = 0.261 CV = 5.6

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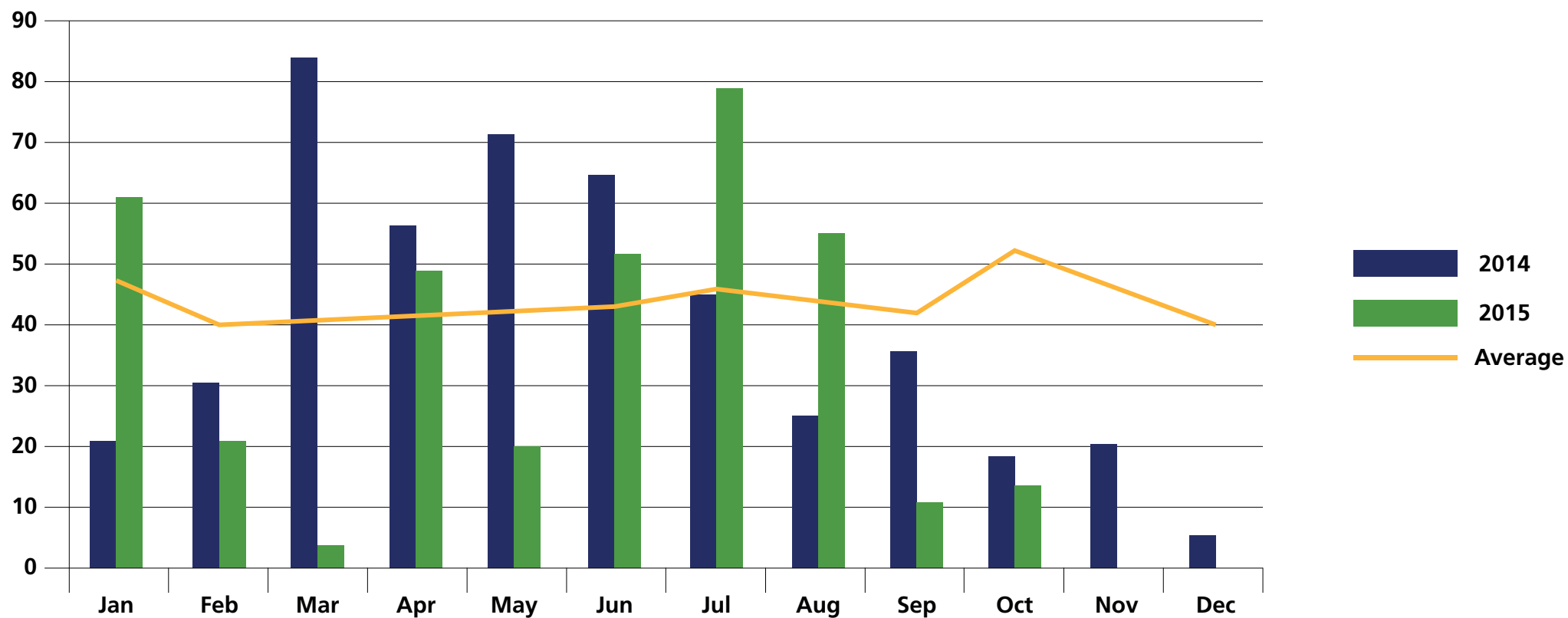
Wheat Yield - t/ ha



LSD (P=0.05) = 0.261 CV = 5.6

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Temora - Rainfall (mm)



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Conclusions

- No phytotoxicity observed
- No biomass reduction observed
- MSO with LECI-TECH had the highest plant death for ARG
- Liberate had the fastest brownout after 21 days
- ARG slow to die due to cold conditions, treatments applied following a series of heavy frosts