

Disclaimer:

This document is based on the results from an individual trial and may contain experimental use patterns that are currently off-label. **This document does not provide any interpretation and should not be taken as an endorsement of any unregistered use pattern.**

Professional advice should be sought for specific recommendations to ensure access to the most up to date information and knowledge.

Any product referred to in this document must be used strictly as directed, and in accordance with all label or permit instructions. Always consult the label prior to use.

Chickpea Problem Weeds - Mexican Poppy 2015 - Thallon

Trial ID: RN1513 **Location:** Thallon **Trial Year:** 2015

Investigator: Rachel Norton

Planting Date:	20/05/2015	
Planting Equipment:	Commercial single disc planter	
Row Spacing:	33cm	
Application Code:	A	B
Application Date:	11/05/2015	20/05/2015
Target/Stage:	Pre-plant	PSPE

Scientific Pest Name:		<i>Argemone ochroleuca</i>	
Pest Name:		Mexican Poppy	
Crop Name:	Chickpea		Chickpea
Crop Variety:	PBA HatTrick		PBA HatTrick
Rating Date:	13/07/2015	07/08/2015	07/08/2015
Rating Type:	EMERGENCE	COUNT	NDVI
Rating Unit:	/m ²	/m ²	RATIO
Crop Stage Majority:	3 branches unfolded		9 branches unfolded
Pest Stage Majority:		12	
Treatment-Evaluation Interval:	63 DAA	88 DAA	88 DAA
ARM Action Codes:	T1	AL T2	ET13

Trt No.	Treatment	Product Rate	Appln. Code			
1	Untreated	-	-	24.9a	13.7a	0.70
2	Sakura	118g/ha	A	23.4a	2.5b	0.71
3	Sakura	118g/ha	A	24.8a	2.1b	0.70
	Balance	100g/ha	B			
4	Outlook	750ml/ha	A	24.8a	3.0b	0.74
	Gp G S	75g/ha	A			
5	Outlook	750ml/ha	A	24.5a	3.3b	0.69
	Gp G S	75g/ha	A			
	Balance	100g/ha	B			
6	Gp G S	75g/ha	A	26.3a	12.6a	0.70
7	Outlook	750ml/ha	A	20.3b	9.0a	0.70
8	Stomp 440	2250ml/ha	A	24.3a	4.8b	0.70
	Balance	100g/ha	B			
9	Balance	100g/ha	B	25.0a	4.0b	0.74
10	Balance	100g/ha	B	25.3a	4.2b	0.74
	Diurex	830g/ha	B			
11	Balance	100g/ha	B	24.3a	0.1c	0.70
	Simazine 900 DF	1500g/ha	B			
12	Balance	100g/ha	B	24.3a	0.1c	0.71
	Terbyne Xtreme	700g/ha	B			
13	Balance	100g/ha	B	24.8a	0.7c	0.65
	Gp B S	20g/ha	B			
	Simazine 900 DF	1000g/ha	B			
14	Balance	100g/ha	B	25.1a	0.3c	0.68
	Gp B S	20g/ha	B			
	Terbyne Xtreme	700g/ha	B			
LSD P=				2.443	0.18t	nsd
Treatment Prob.(F)=				0.0128	0.0001	0.2297

Means followed by same letter do not significantly differ (P=0.05, LSD)

Mean comparisons performed only when AOV Treatment P (F) is significant at mean comparison OSL

t=Mean descriptions are reported in transformed data units, and are not de-transformed.

nsd = No significant difference

Chickpea Problem Weeds - Mexican Poppy 2015 - Thallon

Trial ID: RN1513

Location:

Thallon

Trial Year: 2015

Rating Type

NDVI = normalized difference vegetation index

Rating Unit/m² = per square metre

RATIO = ratio

Pest Stage Majority

12 = 2 true leaves, leaf pairs or whorls unfolded

ARM Action Codes

AL = Automatic log transformation of X+1

ET13 = Excluded treatment 13

T1 = ([1]/4)/0.5

T2 = LOG ([4] + 1)

DAA = Days after Application

Application Description		
	A	B
Application Date:	11/05/2015	20/05/2015
Application Start Time:	10:00 AM	10:45 AM
Application Stop Time:	11:00 AM	11:46 AM
Application Method:	SPRAY	
Application Timing:	Pre-Plant	PSPE
Air Temperature, Unit:	19.6 C	23.3 C
% Relative Humidity:	45	51
Wind Velocity, Unit:	15 km/h	9 km/h
Wind Direction:	SW	N
Dew Presence (Y/N):	No	
Soil Moisture:	Dry	
% Cloud Cover:	0	5

Application Equipment	
	A
Application Equipment:	Quad Bike
Equipment Type:	Boom
Operation Pressure, Unit:	300 kPa
Nozzle Type:	AIXR
Nozzle Size:	110015
Nozzle Spacing, Unit:	50 cm
Boom Length, Unit:	4 m
Boom Height, Unit:	50 cm
Ground Speed, Unit:	10.3 km/h
Spray Volume, Unit:	70 L/ha