

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.

Residual Herbicides for Wild Oat Control in Wheat 2015 - North Star

Trial ID: RN1509 Location: North Star Trial Year: 2015
Investigator: Rachel Norton

Planting Date:	30/05/2015
Planting Equipment:	Commercial single disc
Application Date:	19/05/2015
Row Spacing:	32cm
Target/Stage:	Pre-plant IBS

Pest Scientific Name:				<i>Avena sterilis</i>		<i>Avena sterilis</i>
Pest Name:				Wild Oat		Wild Oat
Crop Name:			Wheat		Wheat	
Crop Variety:			Suntop		Suntop	
Rating Date:			15/06/2015	29/06/2015	11/08/2015	07/09/2015
Rating Type:			EMERGENCE	COUNT	NDVI	COUNT
Rating Unit:			/m ²	/m ²	RATIO	/m ²
Crop Stage Majority:			12	14	25	13
Pest Stage Majority:				41 DAA	84 DAA	111 DAA
Treatment-Evaluation Interval:			27 DAA			
ARM Action Codes:			T1	T2		T3
Trt No.	Treatment	Product Rate				
1	Untreated	-	81.3-	34.6a	0.62b	19.7a
2	Sakura	118g/ha	89.1-	26.3a-d	0.64ab	16.1b
3	Sakura	118g/ha	84.4-	17.8de	0.62ab	11.8c
	Glean	20g/ha				
4	Boxer Gold	2500ml/ha	86.3-	15.6e	0.60b	15.2b
5	Avadex Xtra	1600ml/ha	83.6-	22.6b-e	0.65ab	11.7c
6	Triflurex	2000ml/ha	83.6-	30.4abc	0.65ab	15.2b
7	Stomp 440	1400ml/ha	82.8-	24.2b-e	0.65ab	15.8b
8	Triflurex	1500ml/ha	82.4-	25.0a-e	0.68a	15.3b
	Avadex Xtra	1600ml/ha				
9	Glean	20g/ha	85.6-	31.9ab	0.65ab	11.0c
10	Dual Gold	250ml/ha	84.4-	30.1abc	0.68a	15.2b
11	Terbyne Xtreme	1000g/ha	83.2-	21.4cde	0.41c	11.5c
	Avadex Xtra	1600ml/ha				
12	Terbyne Xtreme	1000g/ha	82.4-	25.4a-d	0.43c	10.9c
	Triflurex	2000ml/ha				
LSD P=			nsd	9.700	0.061	2.95
Treatment Prob.(F)=			0.8494	0.0094	0.0001	0.0001

Means followed by same letter do not significantly differ (P=.05, LSD)

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

nsd = No significant difference

Rating Type

NDVI = normalized difference vegetation index

Rating Unit

/m² = per square metre

RATIO = ratio

Pest Stage Majority

14 = 4 true leaves, leaf pairs or whorls unfolded

13 = 3 true leaves, leaf pairs or whorls unfolded

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Trial ID: RN1509 **Location:** North Star **Trial Year:** 2015

ARM Action Codes

T1 = ([1]/2)/0.32

T2 = [3]/4

T3 = [6]/4

DAA = Days after Application

Application Description	
Application Date:	19/05/2015
Application Start Time:	8:45 AM
Application Stop Time:	10:00 AM
Application Method:	SPRAY
Application Timing:	Pre-Plant
Air Temperature, Unit:	17.7 C
% Relative Humidity:	66
Wind Velocity, Unit:	19 km/h
Wind Direction:	NE
Dew Presence (Y/N):	No
Soil Moisture:	Moist
% Cloud Cover:	30
Next Moisture Occurred On:	21/05/2015

Application Equipment	
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