

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.

Improving Paraquat Performance 2015-16 – Emerald Hill

Trial ID: AM1541 Location: Emerald Hill Trial Year: 2015
Investigator: Anthony Mitchell

Application Date:	12/11/2015
Weed Stage Average:	fully branched to full bud
Weed Stage Range:	10% in flower - 20% large rosette to stem elongation

Pest Scientific Name			<i>Sonchus oleraceus</i>	
Pest Name			Common Sowthistle	
Crop Name			Fallow	
Rating Date			7/12/2015	18/12/2015
Rating Type			VISUAL CONTROL	COUNT
Rating Unit			%	/m ²
Pest Stage Majority			Early flower	Early flower
Treatment- Evaluation Interval			25 DAA	36 DAA
ARM Action Codes			AS	
Trt No.	Treatment	Product Rate		
1	Nuquat	1200ml/ha	9def	0.5-
2	Nuquat	1600ml/ha	19bcd	0.5-
3	Nuquat	2000ml/ha	20bcd	0.4-
4	Nuquat	2400ml/ha	20bcd	0.3-
5	Sprayseed 250	1200ml/ha	12def	0.5-
6	Nuquat Uptake	1200ml/ha 0.5% v/v	19bcd	0.5-
7	Nuquat Gp A V Uptake	1200ml/ha 100ml/ha 0.5% v/v	10def	0.6-
8	Nuquat Gp A S Uptake	1200ml/ha 400ml/ha 0.5% v/v	5ef	0.6-
9	Nuquat Balance	1200ml/ha 50g/ha	20bcd	0.5-
10	Nuquat Balance	1200ml/ha 100g/ha	14cde	0.5-
11	Nuquat Balance	1600ml/ha 50g/ha	20bcd	0.6-
12	Nuquat Balance	1600ml/ha 100g/ha	28abc	0.4-
13	Nuquat Glyphosate CT	1600ml/ha 1000ml/ha	13cde	0.5-
14	Nuquat Sharpen Hasten	1600ml/ha 26g/ha 1% v/v	39a	0.3-
15	Nuquat Gp C A	1600ml/ha 466ml/ha	31ab	0.4-
16	Balance Uptake	100g/ha 0.5% v/v	3f	0.5-
LSD P=			1.69t	nsd
Treatment Prob.(F)=			0.0003	0.2744

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

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

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

nsd = No significant difference

Paraquat Spikes & Mixtures 2015-16

Trial ID: **AM1541** Location: **Emerald Hill** Trial Year: **2015**

Rating Unit

/m² = per metre square

ARM Action Codes

AS = Automatic square root transformation of X+0.5

Application Description	
Application Date:	12/11/2015
Application Start Time:	4:00 PM
Application Stop Time:	6:00 PM
Application Method:	SPRAY
Application Timing:	Post-Em
Air Temperature, Unit:	29 C
% Relative Humidity:	42
Wind Velocity, Unit:	10 km/h
Wind Direction:	NW
Soil Moisture:	Fair
% Cloud Cover:	80
Next Moisture Occurred On:	13/11/2015

Application Equipment	
Application Equipment:	Quad Bike
Operation Pressure, Unit:	300 kPa
Nozzle Type:	AIXR
Nozzle Size:	110015
Nozzle Spacing, Unit:	50 cm
Boom Length, Unit:	4 m
Boom Height, Unit:	1.3 m
Ground Speed, Unit:	7.2 km/hr
Spray Volume, Unit:	100 L/ha