

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.

Sorghum Desiccation 2015-16

Trial ID: DK1508

Location: Yetman

Trial Year: 2016

Investigator: Denielle Kilby

Planting Date:	16/09/2015
Planting Equipment:	Commercial Tyne Planter
Row Spacing:	100cm
Application Date:	11/01/2016
Application Timing:	Pre-Harvest
Crop Stage:	Dough - Leaf Discoloration

Crop Name Crop Variety			Grain Sorghum G44			
			17/1/16 DESICCATION %	3/2/16 DESICCATION %	24/2/16 SURVIVING %	24/2/16 REGROWING %
Rating Date			6 DAA	23 DAA	44 DAA	44 DAA
Rating Type			AA			
Rating Unit						
Treatment-Evaluation Interval						
ARM Action Codes						
Trt No.	Treatment	Product Rate				
1	Untreated	-	5.0e	6.5f	100-	83a
2	Weedmaster DST	1150ml/ha	25.0d	52.2cd	83-	22bcd
3	Weedmaster DST	2300ml/ha	73.8a	89.6a	100-	37b
4	Weedmaster DST Gp G H Supercharge	1150ml/ha 45ml/ha 0.5% v/v	20.4d	45.6de	67-	0d
5	Weedmaster DST Gp G S Hasten	1150ml/ha 26g/ha 1% v/v	23.3d	41.3e	100-	0d
6	Weedmaster DST Gp G V Hasten	1150ml/ha 30g/ha 1% v/v	55.8b	52.2cd	83-	23bcd
7	Weedmaster DST Gp I B S	1150ml/ha 14g/ha	15.8de	52.2cd	77-	10bcd
8	Weedmaster DST Gp B A	1150ml/ha 5g/ha	42.5c	76.9b	100-	0d
9	Reglone	2000ml/ha	53.8b	48.7cde	70-	3cd
10	Reglone	3000ml/ha	64.6ab	56.5c	100-	32bc
LSD P=			11.04	5.49t	nsd	29.9
Treatment Prob.(F)=			0.0001	0.0001	0.8555	0.0045

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.

Missing data estimates are included in columns: Average= 4, 5

nsd = No significant difference

Rating Type

DESICCATION = phytotoxicity - discolouration

ARM Action Codes

AA = Automatic arcsine square root % transformation

DAA = Days after Application

Sorghum Desiccation 2015-16

Trial ID: DK1508

Location: Yetman

Trial Year: 2016

Application Description	
Application Date:	11/01/2016
Application Start Time:	8:50 AM
Application Stop Time:	10:05 AM
Application Method:	SPRAY
Application Timing:	Pre-Harvest
Air Temperature, Unit:	28 C
% Relative Humidity:	57
Wind Velocity, Unit:	1.3 m/s
Wind Direction:	NW
Dew Presence (Y/N):	No
Soil Moisture:	GOOD
% Cloud Cover:	0
Next Moisture Occurred On:	13/01/2016
Time to Next Moisture, Unit:	2 DAY

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
Nozzles/Row:	4
Boom Length, Unit:	4 m
Boom Height, Unit:	120 cm
Ground Speed, Unit:	10.3 km/h
Carrier:	WATER
Spray Volume, Unit:	70 L/ha