

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.

Alternatives for Improving Sorghum Desiccation

Trial ID: LB1621

Location:

Mt Tyson

Trial Year: 2017

Investigator:

Linda Bailey

Objectives:	To evaluate options for improving sorghum desiccation and regrowth control
Crop:	Sorghum
Application Date:	1/02/2017
Crop Stage Majority:	Fully ripe, Pre-harvest
Trial Reliability:	Good
Keywords:	Sorghum, desiccation

Crop Name			Sorghum	
Crop Variety			MR-Buster	
Assessment Date			7/02/2017	15/02/2017
Assessment Type			DESICCATION	DESICCATION
Assessment Unit			%	%
Crop Stage Majority			89	93
Treatment-Evaluation Interval			6 DAA	14 DAA
ARM Action Codes			AA	AA
Trt No.	Treatment	Product Rate		
1	Untreated	-	10.0d	17.4d
2	Weedmaster DST	1150ml/ha	87.8bc	96.3bc
3	Weedmaster DST	2300ml/ha	93.9a	100.0a
4	Weedmaster DST	1150ml/ha	92.7ab	99.7ab
	Experimental 1	45ml/ha		
	Hasten	1% v/v		
5	Weedmaster DST	1150ml/ha	86.8bc	97.2bc
	Experimental 2	26g/ha		
	Hasten	1% v/v		
6	Weedmaster DST	1150ml/ha	84.0c	95.0c
	Experimental 3	14g/ha		
7	Weedmaster DST	1150ml/ha	83.6c	97.2bc
	Experimental 4	5.6g/ha		
8	Weedmaster DST	1150ml/ha	91.4ab	95.4c
	Experimental 5	30g/ha		
	Hasten	1% v/v		
LSD P=			6.0t	7.9t
Treatment Prob.(F)=			0.0001	0.0001

NB: Site over sprayed commercially on the 14/02/2017. No assessment of regrowth was possible.

Crop Stage Majority

89 = Fully ripe

93 = Beginning of leaf discolouration or leaf-fall

ARM Action Codes

AA = Automatic arcsine square root % transformation

DAA = Days after Application

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=1

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Location:

Mt Tyson

Trial Year: 2017

Application Description	
Application Date:	1/02/2017
Application Start Time:	7:15 AM
Application Stop Time:	8:10 AM
Application Method:	SPRAY
Application Timing:	PRE-HARVEST
Application Placement:	FOLIAR
Air Temperature, Unit:	24 C
% Relative Humidity:	58
Wind Velocity, Unit:	6 km/h
Wind Direction:	NE
Dew Presence (Y/N):	No
Soil Moisture:	DRY
% Cloud Cover:	0
Next Moisture Occurred On:	18/02/2017

Application Equipment	
Operation Pressure, Unit:	300 kPa
Nozzle Type:	AIXR
Nozzle Size:	110015
Nozzle Spacing, Unit:	50 cm
Nozzles/Row:	8
Boom Length, Unit:	4 m
Boom Height, Unit:	50 cm
Ground Speed, Unit:	10.3 km/h
Carrier:	WATER
Spray Volume, Unit:	70 L/ha