

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: AM1619 **Location:** Mullaley **Trial Year:** 2016
Investigator: Anthony Mitchell

Objectives:	To evaluate options for improving sorghum desiccation and regrowth control
Crop:	Sorghum
Application Date:	22/02/2017
Crop Stage Majority:	Fully ripe, Pre-harvest
Trial Reliability:	Good
Keywords:	Sorghum, desiccation

Crop Name Crop Variety			Sorghum MR Taurus		
Assessment Date			7/03/2017	17/04/2017	23/04/2017
Assessment Type			DESICCATION	DESICCATION	REGROWTH
Assessment Unit			%	%	/m ²
Crop Stage Majority			89		
Treatment-Evaluation Interval			13 DAA	23 DAA	29 DAA
ARM Action Codes			T1	AA T2	ET1
Trt No.	Treatment	Product Rate			
1	Untreated	-	8e	12d	2.33-
2	Weedmaster DST	1150ml/ha	43d	64c	0.08-
3	Weedmaster DST	2300ml/ha	94a	97a	0.00-
4	Weedmaster DST	1150ml/ha	78b	84b	0.01-
	Experimental 1	45ml/ha			
	Hasten	1% v/v			
5	Weedmaster DST	1150ml/ha	64c	83b	0.08-
	Experimental 2	26g/ha			
	Hasten	1% v/v			
6	Weedmaster DST	1150ml/ha	48d	60c	0.03-
	Experimental 3	14g/ha			
7	Weedmaster DST	1150ml/ha	43d	71bc	0.09-
	Experimental 4	5g/ha			
8	Weedmaster DST	1150ml/ha	45d	68c	0.06-
	Experimental 5	30g/ha			
	Hasten	1% v/v			
LSD P=			8.60	9.23t	nsd
Treatment Prob.(F)=			0.0001	0.0001	0.446

Crop Stage Majority

89 = Fully ripe

ARM Action Codes

AA = Automatic arcsine square root % transformation

ET1 = Excluded treatment 1

T1 = 100-[C1]

T2 = Arcsine square root percent ([4])

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.

nsd = No significant difference

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Trial ID: AM1619

Location: Mullaleey

Trial Year: 2016

Application Description	
Application Date:	22/02/2017
Application Start Time:	10:00 AM
Application Stop Time:	12:00 PM
Application Method:	SPRAY
Application Timing:	PRE-HARVEST
Application Placement:	FOLIAR
Air Temperature, Unit:	28 C
% Relative Humidity:	17
Wind Velocity, Unit:	1 km/h
Wind Direction:	SW
Soil Moisture:	Poor
% Cloud Cover:	0

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