

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: DK1623 **Location:** Croppa Creek **Trial Year:** 2017
Investigator: Denielle Kilby

Objective:	To evaluate options for improving sorghum desiccation and regrowth control
Planting Date:	3/10/2016
Application Date:	10/02/2017
Harvest Date:	17/02/2017
Crop Stage Majority:	Fully Ripe, Pre-harvest
Trial Reliability:	Good
Keywords:	Sorghum, desiccation

Crop Name			Sorghum	
Crop Variety			MR Apollo	
Assessment Date			16/02/2017	28/03/2017
Assessment Type			DESICCATION	REGROWTH
Assessment Unit			%	%
Crop Stage Majority			89	99
Treatment-Evaluation Interval			6 DAA	46 DAA
ARM Action Codes			AS	ET3
Trt No.	Treatment	Product Rate		
1	Untreated	-	5d	100-
2	Weedmaster DST	1150ml/ha	37b	100-
3	Weedmaster DST	2300ml/ha	89a	14
4	Weedmaster DST Experimental 1 Hasten	1150ml/ha 45ml/ha 1% v/v	22bc	100-
5	Weedmaster DST Experimental 2 Hasten	1150ml/ha 26g/ha 1% v/v	20bc	100-
6	Weedmaster DST Experimental 3	1150ml/ha 14g/ha	13cd	100-
7	Weedmaster DST Experimental 2 Hasten	1150ml/ha 17g/ha 1% v/v	16cd	100-
8	Weedmaster DST Experimental 2 Hasten	1150ml/ha 9g/ha 1% v/v	15cd	100-
LSD P=			2.05t	nsd
Treatment Prob.(F)=			0.0001	1.0000

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, 2

nsd = No significant difference

Alternatives for Improving Sorghum Desiccation

Trial ID: DK1623

Location:

Croppa Creek

Trial Year:

2017

ARM Action Codes

AS = Automatic square root transformation of X+0.5

ET3 = Excluded treatment 3

DP1 = Days after Planting

Application Description	
Application Date:	10/02/2017
Application Start Time:	6:30 AM
Application Stop Time:	7:40 AM
Application Method:	SPRAY
Application Timing:	PRE-HARVEST
Application Placement:	FOLIAR
Air Temperature, Unit:	23 C
% Relative Humidity:	70
Wind Velocity, Unit:	0.9 m/s
Wind Direction:	E
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:	015
Nozzle Spacing, Unit:	50 cm
Nozzles/Row:	6
Boom Length, Unit:	3 m
Boom Height, Unit:	120 cm
Ground Speed, Unit:	10.3 km/h
Carrier:	WATER
Spray Volume, Unit:	70 L/ha