

Disclaimer:

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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.

Residual Control of *Urochloa praetervisa*

Trial ID: **LB1616** Location: **Kupunn** Trial Year: **2016**
Investigator: **Linda Bailey**

Objective:	To evaluate options for the residual control of <i>Urochloa praetervisa</i> in fallow NB: This trial was conducted in-crop (cotton) NOT in fallow
Crop Name:	Cotton
Crop Variety:	Sicot 748B3F
Planting Date:	14/10/2016
Planting Equipment:	Commercial Double Disc Planter
Weed:	"Kupunn" Urochloa
Application Date:	14/10/2016
Weed Stage Majority:	Pre-Emergent
Trial Reliability:	Good
Keywords:	<i>Urochloa praetervisa</i> , "Kupunn" Urochloa, residual

Crop Name			Cotton	Urochloa praetervisa “Kupunn” Urochloa		
Pest Scientific Name				31/10/2016 EMERGENCE /m²	31/10/2016 COUNT /m² 14 17 DAA T2	12/12/2016 COUNT /m² 12 59 DAA AA T3
Pest Name						
Assessment Date						
Assessment Type						
Assessment Unit						
Pest Stage Majority						
Treatment-Evaluation Interval						
ARM Action Codes						
Trt No.	Treatment	Product Rate				
1	Untreated	-	4.1	0.3	1.1ab	241ab
2	Gp D DG	2000ml/ha	3.2	0.4	0.7abc	127cd
3	Gp B F	150ml/ha	4.2	0.2	0.0f	51e
4	Gp B F	200ml/ha	2.4	0.3	0.0ef	56e
5	Gp H B	100g/ha	2.8	0.4	0.0f	25e
6	Gp C TX	860g/ha	3.8	0.4	0.4a-e	123cd
7	Gp K Sa	118g/ha	4.8	0.4	0.6a-d	131c
8	Gp D Ru	1000ml/ha	5.1	0.4	0.0def	142c
9	Gp C Nu	1700g/ha	5.6	0.3	1.3a	261a
10	Stomp Xtra	3300ml/ha	3.7	0.2	0.1c-f	60de
11	Gp C Bl	2200g/ha	4.1	0.3	0.1c-f	131c
12	Gp K Ou	1000ml/ha	4.4	0.4	0.2b-f	152bc
13	Gp CK PG	3200ml/ha	3.9	0.2	0.3a-f	123cd
14	TriflurX	1700ml/ha	3.6	0.4	0.3b-f	143c
LSD =			0.23t	0.32	3.48t	3.55t
Treatment Prob.(F)=			NSD	NSD	0.0040	0.0001

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

Pest Stage Majority

14 = 4 true leaves, leaf pairs or whorls unfolded

12 = 2 true leaves, leaf pairs or whorls unfolded

13 = 3 true leaves, leaf pairs or whorls unfolded

ARM Action Codes

T1 = LOG ([2] + 1)

T2 = [3]/10

T3 = Arcsine square root percent ([6])

T4 = SQR ([8] + .5)

DAA = Days after Application

Residual Control of *Urochloa praetervisa* in Fallow

Trial ID: LB1616

Location: Kupunn

Trial Year: 2016

Application Description	
Application Date:	14/10/2016
Application Start Time:	10:40 AM
Application Stop Time:	12:50 PM
Application Method:	SPRAY
Application Timing:	PRE-EMERGENT
Application Placement:	SOIL
Air Temperature, Unit:	22 C
% Relative Humidity:	40
Wind Velocity, Unit:	11 km/h
Wind Direction:	SE
Dew Presence (Y/N):	N no
Soil Moisture:	DRY
% Cloud Cover:	5
Next Moisture Occurred On:	18/10/2016

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