

**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.**

## Camera Spray Treatments for Control of Grasses 2015-16

Trial ID: LB1532

Location: St Ruth

Trial Year: 2015

Investigator: Linda Bailey

Application Date:	11/01/2016
Weed Stage Average:	Panicles fully emerged
Weed Stage Range:	4 Leaf – 5 Tillers
Weed Density:	8/m <sup>2</sup>

Pest Scientific Name			<i>Chloris virgata</i>		
Pest Name			Feathertop Rhodes Grass		
Situation			Fallow		
Rating Date			25/01/2016	15/02/2016	15/02/2016
Rating Type			BURNDOWN	COUNT	BIOMASS REDN
Rating Unit			%	m <sup>2</sup>	%
Treatment-Evaluation Interval			14 DAA	35 DAA	35 DAA
ARM Action Codes			AS	AL T1	
Trt No.	Treatment	Product Rate			
1	Verdict 520 Uptake	300ml/ha 0.5% v/v	33cd	4.04-	78ab
2	Verdict 520 Uptake Ammonium Sulfate	300ml/ha 0.5% v/v 2% v/v	33cd	3.31-	60bc
3	Verdict 520 Uptake Ammonium Sulfate	500ml/ha 0.5% v/v 2% v/v	81ab	0.46-	95a
4	Verdict 520 Garlon 600 Uptake Ammonium Sulfate	300ml/ha 200ml/ha 0.5% v/v 2% v/v	53bc	5.83-	76ab
5	Verdict 520 Starane Advanced Uptake Ammonium Sulfate	300ml/ha 2000ml/ha 0.5% v/v 2% v/v	23de	1.75-	66abc
6	Status Uptake Ammonium Sulfate	500ml/ha 0.5% v/v 2% v/v	15e	3.47-	20e
7	Verdict 520 Status Uptake Ammonium Sulfate	300ml/ha 500ml/ha 0.5% v/v 2% v/v	89a	0.60-	95a
8	Basta	5000ml/ha	94a	1.96-	54bcd
9	Basta Balance	5000ml/ha 100g/ha	93a	2.39-	78ab
10	Nuquat	5000ml/ha	55bc	8.07-	23de
11	Nuquat Balance	5000ml/ha 100g/ha	53bc	3.74-	40cde
12	Weedmaster DST	5000ml/ha	69ab	1.42-	70abc
13	Alliance	7000ml/ha	32cd	6.81-	17e
	LSD P=		1.8t	nsd	33.4
	Treatment Prob.(F)=		0.0001	0.0627	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.

Missing data estimates are included in columns: Average=1, 3, 4

nsd = No Significant Difference

## Camera Spray Treatments for Control of Grasses 2015-16

Trial ID: **LB1532**      Location: **St Ruth**      Trial Year: **2015**

### Rating Type

BURNDOWN = Burndown/brownout

BIOMASS REDN = Biomass reduction

### ARM Action Codes

AS = Automatic square root transformation of X+0.5

AL = Automatic log transformation of X+1

T1 = LOG ([3] + 1)

DAA = Days after Application

### Application Description

<b>Application Date:</b>	<b>11/01/2016</b>
<b>Application Start Time:</b>	<b>9:45 AM</b>
<b>Application Stop Time:</b>	<b>12:00 PM</b>
<b>Application Method:</b>	<b>SPRAY</b>
<b>Application Timing:</b>	<b>Late Post-Em</b>
<b>Air Temperature, Unit:</b>	<b>26 C</b>
<b>% Relative Humidity:</b>	<b>54</b>
<b>Wind Velocity, Unit:</b>	<b>4 km/h</b>
<b>Wind Direction:</b>	<b>N</b>
<b>Dew Presence (Y/N):</b>	<b>No</b>
<b>Soil Moisture:</b>	<b>SLIDRY</b>
<b>% Cloud Cover:</b>	<b>0</b>
<b>Next Moisture Occurred On:</b>	<b>13/01/2016</b>

### Application Equipment

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