

**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.**

### Residual grass control in wheat at Springvale

Trial ID: **LB1401** Location: **Springvale** Trial Year: **2014**  
 Protocol ID: **NGA1401** Investigator: **Linda Bailey**

|                     |                       |
|---------------------|-----------------------|
| Planting Date:      | 7/05/2014             |
| Planting Equipment: | Daybreak Disc Planter |
| Row Spacing:        | 20cm                  |
| Application Date:   | 6/5/2014              |
| Application Timing: | Pre-plant IBS         |

| Pest Name:                         |                                       |                          |                            | Wheat Lancer      | Liverseed grass <i>Urochloa panicoides</i> |            |
|------------------------------------|---------------------------------------|--------------------------|----------------------------|-------------------|--|------------|
| Scientific Pest Name:              |                                       |                          |                            |                   | 30/05/2014                                 | 02/09/2014 |
| Crop Name:                         |                                       |                          |                            | EMERGE            | COUNT                                      |            |
| Crop Variety:                      |                                       |                          |                            | No/m <sup>2</sup> | No/m <sup>2</sup>                          |            |
| Rating Date:                       |                                       |                          |                            | 13                | 119 119                                    |            |
| Rating Type:                       |                                       |                          |                            | 24 24             | 118 DP-1                                   |            |
| Rating Unit:                       |                                       |                          |                            | 23 DP-1           | AL   |            |
| Crop Stage Majority:               |                                       |                          |                            | T1                |  |            |
| Days After First/Last Application: |                                       |                          |                            |                   |  |            |
| Plant-Evaluation Interval:         |                                       |                          |                            |                   |  |            |
| ARM Action Codes:                  |                                       |                          |                            |                   |  |            |
| Trt No.                            | Treatment                             | Product Rate             | Active Rate                | 2                 | 3  |            |
| 1                                  | Untreated                             | -                        | -                          | 117 -             | 169.9 a                                    |            |
| 2                                  | Sakura 850 WG                         | 118 g/ha                 | 100 g ai/ha                | 114 -             | 69.0 abc                                   |            |
| 3                                  | Sakura 850 WG<br>Glean                | 118 g/ha<br>20 g/ha      | 100 g ai/ha<br>15 g ai/ha  | 119 -             | 118.6 ab                                   |            |
| 4                                  | Boxer Gold                            | 2500 ml/ha               | 2300 g ai/ha               | 120 -             | 30.3 bcd                                   |            |
| 5                                  | Avadex Xtend                          | 1300 ml/ha               | 780 g ai/ha                | 116 -             | 31.7 bcd                                   |            |
| 6                                  | Triflurx                              | 2000 ml/ha               | 960 g ai/ha                | 113 -             | 5.5 e                                      |            |
| 7                                  | Stomp 440                             | 1400 ml/ha               | 616 g ai/ha                | 108 -             | 19.4 cde                                   |            |
| 8                                  | TriflurX<br>Avadex Xtend              | 1500 ml/ha<br>1300 ml/ha | 720 g ai/ha<br>780 g ai/ha | 105 -             | 13.2 de                                    |            |
| 9                                  | Glean                                 | 20 g/ha                  | 15 g ai/ha                 | 121 -             | 44.5 a-d                                   |            |
| 10                                 | Dual Gold                             | 250 ml/ha                | 240 g ai/ha                | 116 -             | 84.1 ab                                    |            |
| 11                                 | Terbyne Xtreme 875 WG<br>Avadex Xtend | 860 g/ha<br>1300 ml/ha   | 750 g ai/ha<br>780 g ai/ha | 118 -             | 49.9 a-d                                   |            |
| LSD P=.05                          |                                       |                          |                            | 10.4              | 0.58t                                      |            |
| Treatment Prob.(F)                 |                                       |                          |                            | 0.0806            | 0.0010                                     |            |

**Rating Type**

EMERGE = emergence

COUNT = count

**Crop Stage Majority**

13 = 3 leaves unfolded

**Plant-Evaluation Interval**

23 DP-1 = 1 TRZAW May-7-2014

118 DP-1 = 1 TRZAW May-7-2014

**ARM Action Codes**

AL = Automatic log transformation of X+1

T1 = [1]/0.8

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.

| <b>Application Description</b>    |                 |
|-----------------------------------|-----------------|
| <b>Application Date:</b>          | <b>6/5/14</b>   |
| <b>Application Start Time:</b>    | <b>1:15 PM</b>  |
| <b>Application Stop Time:</b>     | <b>2:25 PM</b>  |
| <b>Application Method:</b>        | <b>SPRAY</b>    |
| <b>Application Timing:</b>        | <b>PREPLANT</b> |
| <b>Applied By:</b>                | <b>B Burton</b> |
| <b>Air Temperature, Unit:</b>     | <b>17.5 C</b>   |
| <b>% Relative Humidity:</b>       | <b>39.5</b>     |
| <b>Wind Velocity, Unit:</b>       | <b>12 KPH</b>   |
| <b>Wind Direction:</b>            | <b>SW</b>       |
| <b>Dew Presence (Y/N):</b>        | <b>N no</b>     |
| <b>Soil Moisture:</b>             | <b>SLIWET</b>   |
| <b>% Cloud Cover:</b>             | <b>60</b>       |
| <b>Next Moisture Occurred On:</b> | <b>9/5/14</b>   |

| <b>Application Equipment</b>     |                 |
|----------------------------------|-----------------|
| <b>Application Equipment:</b>    | <b>Quadbike</b> |
| <b>Equipment Type:</b>           | <b>SPRAYE</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>Boom Length, Unit:</b>        | <b>4 M</b>      |
| <b>Boom Height, Unit:</b>        | <b>0.5 M</b>    |
| <b>Ground Speed, Unit:</b>       | <b>10.3 KPH</b> |
| <b>Carrier:</b>                  | <b>WATER</b>    |
| <b>Spray Volume, Unit:</b>       | <b>70 L/ha</b>  |