

**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.**

## Group A Plantbacks to Wheat 2015

Trial ID: **AM1524**      Location: **Emerald Hill**      Trial Year: **2015**  
Investigator: **Anthony Mitchell**

|                     |                         |                   |             |            |
|---------------------|-------------------------|-------------------|-------------|------------|
| Planting Date:      | 10/06/2015              |                   |             |            |
| Planting Equipment: | Commercial disc planter |                   |             |            |
| Row Spacing:        | 33cm                    |                   |             |            |
| Application Code:   | A                       | B                 | C           | D          |
| Application Date:   | 8/05/2015               | 24/05/2015        | 7/06/2015   | 11/06/2015 |
| Target/Stage:       | 4 1/2 weeks pre-plant   | 2 weeks pre-plant | At planting | PSPE       |
| Harvest Date:       | 19/11/2015              |                   |             |            |

| Crop Name:                 |           |              |             | Durum Caparoi   |            |            |           |            |           |           |
|----------------------------|-----------|--------------|-------------|-----------------|------------|------------|-----------|------------|-----------|-----------|
| Crop Variety:              |           |              |             | 26/06/2015      | 18/08/2015 | 19/11/2015 | 5/01/2016 | 5/01/2016  | 5/01/2016 | 5/01/2016 |
| Rating Date:               |           |              |             | EMERGENCE       | NDVI       | YIELD      | PROTEIN   | SCREENINGS | TEST WT   | MOISTURE  |
| Rating Type:               |           |              |             | /m <sup>2</sup> |            | t/ha       | %         | % w/w      | kg/hL     | %         |
| Rating Unit:               |           |              |             | 16 DP1          | 69 DP1     | 162 DP1    |           |            |           |           |
| Plant-Evaluation Interval: |           |              |             |                 |            | TY1        | AL        | AL         |           |           |
| ARM Action Codes:          |           |              |             |                 |            |            |           |            |           |           |
| Trt No.                    | Treatment | Product Rate | Appln. Code |                 |            |            |           |            |           |           |
| 1                          | Untreated | -            | -           | 63.65-          | 0.7320a    | 3.04-      | 16.5-     | 5.5-       | 76.0-     | 9.4-      |
| 2                          | Verdict   | 150ml/ha     | A           | 63.28-          | 0.7173a    | 2.92-      | 15.8-     | 4.2-       | 75.8-     | 9.3-      |
| 3                          | Gp A E    | 375ml/ha     | A           | 61.50-          | 0.7185a    | 3.15-      | 16.1-     | 5.9-       | 73.0-     | 9.3-      |
| 4                          | Shogun    | 900ml/ha     | A           | 62.70-          | 0.7173a    | 3.25-      | 15.1-     | 6.0-       | 73.4-     | 9.4-      |
| 5                          | Status    | 500ml/ha     | A           | 61.93-          | 0.7285a    | 2.98-      | 16.3-     | 5.0-       | 77.2-     | 9.4-      |
| 6                          | Verdict   | 150ml/ha     | B           | 62.30-          | 0.7025ab   | 3.06-      | 15.7-     | 4.1-       | 76.8-     | 9.3-      |
| 7                          | Gp A E    | 375ml/ha     | B           | 60.93-          | 0.7298a    | 3.12-      | 16.7-     | 5.2-       | 78.2-     | 9.5-      |
| 8                          | Shogun    | 900ml/ha     | B           | 62.50-          | 0.7148a    | 3.00-      | 16.2-     | 5.6-       | 76.5-     | 9.4-      |
| 9                          | Status    | 500ml/ha     | B           | 61.33-          | 0.7020ab   | 3.02-      | 16.5-     | 5.7-       | 75.5-     | 9.3-      |
| 10                         | Verdict   | 150ml/ha     | C           | 59.78-          | 0.6293d    | 3.10-      | 16.0-     | 4.8-       | 75.8-     | 9.4-      |
| 11                         | Gp A E    | 375ml/ha     | C           | 60.38-          | 0.6815bc   | 3.11-      | 15.6-     | 5.0-       | 76.0-     | 9.4-      |
| 12                         | Shogun    | 900ml/ha     | C           | 60.15-          | 0.6745bc   | 3.07-      | 17.0-     | 6.0-       | 76.3-     | 9.4-      |
| 13                         | Status    | 500ml/ha     | C           | 59.98-          | 0.6738bc   | 3.19-      | 15.6-     | 4.9-       | 76.8-     | 9.5-      |
| 14                         | Verdict   | 150ml/ha     | D           | 61.90-          | 0.5540f    | 3.06-      | 15.8-     | 4.7-       | 77.8-     | 9.4-      |
| 15                         | Gp A E    | 375ml/ha     | D           | 58.60-          | 0.5960e    | 2.84-      | 16.5-     | 5.4-       | 75.8-     | 9.5-      |
| 16                         | Shogun    | 900ml/ha     | D           | 56.25-          | 0.6145de   | 3.05-      | 16.4-     | 4.7-       | 76.6-     | 9.5-      |
| 17                         | Status    | 500ml/ha     | D           | 60.18-          | 0.6650c    | 2.97-      | 15.7-     | 4.9-       | 76.9-     | 9.5-      |
| LSD P=                     |           |              |             | nsd             | 0.03185    | nsd        | nsd       | nsd        | nsd       | nsd       |
| Treatment Prob.(F)=        |           |              |             | 0.1904          | 0.0001     | 0.5348     | 0.1744    | 0.5338     | 0.8154    | 0.8882    |
| CV=                        |           |              |             |                 |            | 6.6        |           |            |           |           |

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

## Group A Plantbacks to Wheat 2015

Trial ID: AM1524

Location: Emerald Hill

Trial Year: 2015

### Rating Type

NDVI = normalized difference vegetation index

TEST WT = Hectolitre weight

### ARM Action Codes

AL = Automatic log transformation of X+1

DP1 = Days after Planting

### Application Description

|                            | A          | B          | C          | D          |
|----------------------------|------------|------------|------------|------------|
| Application Date:          | 8/05/2015  | 24/05/2015 | 7/06/2015  | 11/06/2015 |
| Application Start Time:    | 4:00 PM    | 12:00 PM   | 10:00 AM   | 11:00 AM   |
| Application Stop Time:     | 5:00 PM    | 1:00 PM    | 1:00 PM    | 12:00 PM   |
| Application Method:        | SPRAY      |            |            |            |
| Application Timing:        | Pre-Plant  |            |            | PSPE       |
| Air Temperature, Unit:     | 19 C       | 22.9 C     | 21.4 C     | 18 C       |
| % Relative Humidity:       | 38.5       | 39.7       | 45         | 55         |
| Wind Velocity, Unit:       | 10 km/h    | 10 km/h    | 2 km/h     | 15 km/h    |
| Wind Direction:            | S          | E          | E          | S/SE       |
| % Cloud Cover:             | 0          |            |            |            |
| Next Moisture Occurred On: | 21/05/2015 | 1/06/2015  | 19/07/2015 |            |

### Application Equipment

|                           | A         | B | C | D |
|---------------------------|-----------|---|---|---|
| Application Equipment:    | Quad Bike |   |   |   |
| Operation Pressure, Unit: | 300 kPa   |   |   |   |
| Nozzle Type:              | AIXR      |   |   |   |
| Nozzle Size:              | 110015    |   |   |   |
| Nozzle Spacing, Unit:     | 50 cm     |   |   |   |
| Boom Length, Unit:        | 4 m       |   |   |   |
| Boom Height, Unit:        | 50 cm     |   |   |   |
| Ground Speed, Unit:       | 10.3 km/h |   |   |   |
| Spray Volume, Unit:       | 70 L/ha   |   |   |   |