

## Effect of preplant-applied Assure II on durum (2003)

The objective of the study was to define a safe replant interval from preplant applications of Assure II prior to planting spring seeded monocot crops.

Table. Effect of preplant-applied Assure II on durum

| Treatment <sup>a</sup> | Rate     | Stand reduction |        |        | Growth reduction |        |        | Yield | Test Wt |
|------------------------|----------|-----------------|--------|--------|------------------|--------|--------|-------|---------|
|                        |          | Jun 7           | Jun 19 | Jul 19 | Jun 7            | Jun 19 | Jul 19 | bu/A  | lb/bu   |
|                        |          | % —————         |        |        |                  |        |        |       |         |
| <b><u>20 DPP</u></b>   |          |                 |        |        |                  |        |        |       |         |
| Assure II              | 5 fl oz  | 0               | 0      | 0      | 0                | 0      | 0      | 45    | 63.0    |
| Assure II              | 7 fl oz  | 0               | 0      | 0      | 0                | 0      | 0      | 50    | 63.1    |
| Assure II              | 14 fl oz | 0               | 0      | 0      | 0                | 0      | 0      | 48    | 62.9    |
| Fusilade               | 24 fl oz | 7               | 8      | 7      | 6                | 7      | 1      | 43    | 62.7    |
| Poast                  | 32 fl oz | 2               | 1      | 0      | 1                | 0      | 0      | 42    | 63.4    |
| Select                 | 16 fl oz | 3               | 3      | 1      | 2                | 2      | 0      | 48    | 63.1    |
| <b><u>7 DPP</u></b>    |          |                 |        |        |                  |        |        |       |         |
| Assure II              | 5 fl oz  | 1               | 0      | 0      | 0                | 0      | 0      | 46    | 63.7    |
| Assure II              | 7 fl oz  | 1               | 0      | 0      | 0                | 0      | 0      | 45    | 63.3    |
| Assure II              | 14 fl oz | 1               | 1      | 0      | 0                | 0      | 0      | 48    | 62.7    |
| Fusilade               | 24 fl oz | 4               | 2      | 2      | 3                | 1      | 0      | 45    | 63.0    |
| Poast                  | 32 fl oz | 0               | 0      | 0      | 0                | 0      | 0      | 45    | 63.2    |
| Select                 | 16 fl oz | 4               | 3      | 1      | 4                | 3      | 0      | 49    | 63.1    |
| <b><u>0 DPP</u></b>    |          |                 |        |        |                  |        |        |       |         |
| Assure II              | 5 fl oz  | 0               | 2      | 0      | 0                | 1      | 0      | 43    | 63.6    |
| Assure II              | 7 fl oz  | 0               | 1      | 0      | 0                | 1      | 0      | 51    | 63.4    |
| Assure II              | 14 fl oz | 2               | 4      | 0      | 1                | 3      | 0      | 46    | 62.9    |
| Fusilade               | 24 fl oz | 11              | 11     | 7      | 7                | 9      | 1      | 47    | 62.6    |
| Poast                  | 32 fl oz | 3               | 3      | 1      | 2                | 2      | 0      | 48    | 63.1    |
| Select                 | 16 fl oz | 13              | 13     | 12     | 7                | 7      | 2      | 48    | 62.8    |

|            |     |     |     |     |     |     |    |      |
|------------|-----|-----|-----|-----|-----|-----|----|------|
| Untreated  | 0   | 0   | 0   | 0   | 0   | 0   | 52 | 63.0 |
| LSD (0.05) | 6   | 6   | 5   | 4   | 5   | 1   | NS | NS   |
| CV         | 129 | 124 | 184 | 149 | 160 | 268 | 10 | 0.7  |

<sup>A</sup>DPP=days prior to planting.