

## PROC\_9176190\_2020 Cuballing

| No.                | Treatment | Rate    | Application        | 7/06/2020<br>37 DA-S |                 |               | 26/06/2020<br>56 DA-S |                 |        | 23/07/2020<br>83 DA-S |                 |        |
|--------------------|-----------|---------|--------------------|----------------------|-----------------|---------------|-----------------------|-----------------|--------|-----------------------|-----------------|--------|
|                    |           |         |                    | Biomass<br>%         | Soil Moist<br>% | Counts<br>/m2 | Biomass<br>%          | Soil Moist<br>% | NDVI   | Biomass<br>%          | Soil Moist<br>% | NDVI   |
| 1                  | Nil       |         |                    | 100 a                | 11.4 a          | 21 a          | 100 a                 | 15.7 a          | 0.27 a | 100 a                 | 16.9 a          | 0.68 a |
| 2                  | Divine    | 2 L/ha  | A OnFurrow         | 100 a                | 11.7 a          | 20 a          | 104 a                 | 14.8 a          | 0.31 a | 112 a                 | 16.9 a          | 0.67 a |
| 3                  | Divine    | 20 L/ha | B Handboom         | 100 a                | 11.8 a          | 23 a          | 100 a                 | 15.2 a          | 0.27 a | 100 a                 | 18.0 a          | 0.63 a |
| 4                  | SE14      | 2 L/ha  | C Banded with seed | 100 a                | 11.9 a          | 23 a          | 102 a                 | 16.3 a          | 0.26 a | 100 a                 | 17.5 a          | 0.60 a |
| 5                  | SE14      | 4 L/ha  | C Banded with seed | 100 a                | 11.3 a          | 20 a          | 100 a                 | 15.7 a          | 0.27 a | 96 a                  | 18.0 a          | 0.65 a |
| LSD P=.05          |           |         |                    |                      | 1.37            | 4.5           | 10.89                 | 1.44            | 0.068  | 15.37                 | 2.36            | 0.084  |
| Standard Deviation |           |         |                    | 0                    | 1.02            | 3.4           | 8.12                  | 1.07            | 0.051  | 11.47                 | 1.76            | 0.063  |
| CV                 |           |         |                    | 0                    | 8.81            | 15.97         | 8.03                  | 6.91            | 18.41  | 11.29                 | 10.1            | 9.72   |
| Replicate F        |           |         |                    | 0                    | 8.301           | 11.478        | 5.848                 | 3.417           | 6.618  | 3.605                 | 5.808           | 8.547  |
| Replicate Prob(F)  |           |         |                    | 1                    | 0.0008          | 0.0001        | 0.0043                | 0.0335          | 0.0024 | 0.0281                | 0.0044          | 0.0007 |
| Treatment F        |           |         |                    | 0                    | 0.321           | 0.915         | 0.242                 | 1.42            | 0.793  | 1.399                 | 0.525           | 1.218  |
| Treatment Prob(F)  |           |         |                    | 1                    | 0.8599          | 0.4791        | 0.9101                | 0.2726          | 0.5465 | 0.2789                | 0.7187          | 0.3418 |

Means followed by same letter or symbol do not significantly differ (P=.05, LSD).

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

| No.                | Treatment | Rate    | Application        | 6/11/2020<br>189 DA-S |        |              |               |          |
|--------------------|-----------|---------|--------------------|-----------------------|--------|--------------|---------------|----------|
|                    |           |         |                    | Yield                 |        | Protein<br>% | Moisture<br>% | Oil<br>% |
|                    |           |         |                    | t/ha                  | %UTC   |              |               |          |
| 1                  | Nil       |         |                    | 2.25 a                | 100 a  | 18.5 a       | 5.6 a         | 49.1 a   |
| 2                  | Divine    | 2 L/ha  | A OnFurrow         | 2.27 a                | 101 a  | 18.7 a       | 5.6 a         | 48.7 b   |
| 3                  | Divine    | 20 L/ha | B Handboom         | 2.11 a                | 94 a   | 18.7 a       | 5.7 a         | 48.4 b   |
| 4                  | SE14      | 2 L/ha  | C Banded with seed | 2.17 a                | 97 a   | 18.7 a       | 5.6 a         | 48.7 b   |
| 5                  | SE14      | 4 L/ha  | C Banded with seed | 2.09 a                | 93 a   | 18.8 a       | 5.6 a         | 48.7 ab  |
| LSD P=.05          |           |         |                    | 0.167                 | 7.2    | 0.37         | 0.17          | 0.39     |
| Standard Deviation |           |         |                    | 0.125                 | 5.3    | 0.28         | 0.13          | 0.29     |
| CV                 |           |         |                    | 5.73                  | 5.51   | 1.49         | 2.32          | 0.59     |
| Replicate F        |           |         |                    | 1.008                 | 2.813  | 9.264        | 1.353         | 15.784   |
| Replicate Prob(F)  |           |         |                    | 0.4326                | 0.0608 | 0.0005       | 0.2938        | 0.0001   |
| Treatment F        |           |         |                    | 2.059                 | 2.102  | 0.758        | 0.529         | 3.745    |
| Treatment Prob(F)  |           |         |                    | 0.1342                | 0.128  | 0.5677       | 0.7159        | 0.0246   |

Means followed by same letter or symbol do not significantly differ (P=.05, LSD).

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.