



9. 21/Dec/06 0.21 IN  
 10. 22/Dec/06 0.34 IN  
 11. 24/Dec/06 0.56 IN  
 12. 25/Dec/06 0.16 IN  
 13. 30/Dec/06 2.64 IN  
 14. 4/Jan/07 2.29 IN  
 15. 5/Jan/07 0.01 IN  
 16. 7/Jan/07 0.69 IN  
 17. 12/Jan/07 0.06 IN  
 18. 15/Jan/07 0.83 IN  
 19. 17/Jan/07 0.01 IN  
 20. 18/Jan/07 0.29 IN  
 21. 19/Jan/07 0.09 IN  
 22. 21/Jan/07 1.28 IN  
 23. 22/Jan/07 0.01 IN  
 24. 23/Jan/07 0.02 IN  
 25. 24/Jan/07 0.01 IN  
 26. 27/Jan/07 0.81 IN  
 27. 31/Jan/07 0.65 IN  
 28. 1/Feb/07 0.33 IN  
 29. 2/Feb/07 0.01 IN  
 30. 8/Feb/07 0.11 IN  
 31. 9/Feb/07 0.07 IN  
 32. 12/Feb/07 0.1 IN IN  
 33. 13/Feb/07 0.61 IN  
 34. 24/Feb/07 0.65 IN  
 35. 25/Feb/07 0.01 IN  
 36. 1/Mar/07 1.17 IN  
 37. 27/Mar/07 0.01 IN  
 38. 31/Mar/07 0.63 IN  
 39. 1/Apr/07 0.93 IN  
 40. 2/Apr/07 0.01 IN  
 41. 4/Apr/07 0.46 IN  
 42. 10/Apr/07 0.08 IN  
 43. 14/Apr/07 0.36 IN  
 44. 18/Apr/07 0.28 IN  
 45. 23/Apr/07 0.02 IN  
 46. 25/Apr/07 0.35 IN  
 47. 26/Apr/07 0.01 IN  
 48. 2/May/07 0.04 IN  
 49. 3/May/07 1.24 IN  
 50. 15/May/07 0.02 IN  
 51. 16/May/07 0.01 IN  
 52. 17/May/07 0.01 IN

**Application Description**

**A**

**Application Date:** 14/Dec/07  
**Application Method:** SPRAY  
**Application Timing:** 2 LF  
**Application Placement:** BROFOL  
**Air Temperature, Unit:** 65 F  
**% Relative Humidity:** 75  
**Wind Velocity, Unit:** 3.5 MPH  
**Wind Direction:** SE  
**Soil Temperature, Unit:** 66 F  
**Soil Moisture:** DAMP  
**% Cloud Cover:** 0

**Crop Stage At Each Application**

**A**

**Crop 1 Code, BBCH Scale:** TRZAW BCER  
**Stage Scale Used:** 2 lf

Stage Majority, Percent: 3"  
Stage Minimum, Percent: 3"

**Pest Stage At Each Application**

**A**

Pest 1 Code, Disc., Scale: LOLSS W  
Stage Majority, Percent: 3 T  
Stage Minimum, Percent: 5"  
Stage Maximum, Percent: 5"

**Application Equipment**

**A**

Appl. Equipment: Backpack  
Operating Pressure, Unit: 31 PSI  
Nozzle Type: Greenleaf  
Nozzle Size: 11002  
Nozzle Spacing, Unit: 20 "  
Nozzles/Row: 2  
Carrier: Water  
Spray Volume, Unit: 15 gpa  
Mix Size, Unit: 0.5  
Propellant: CO2

# LSU Northeast Research Station

## Annual ryegrass control in wheat with Axial.

Trial ID: SJ07W001                      Protocol ID: SJ07W001  
 Location:                                  Study Director:  
    Investigator: Bill Williams

|                   |  |           |           |          |           |
|-------------------|--|-----------|-----------|----------|-----------|
| Pest Type         |  |           |           |          |           |
| Pest Code         |  | LOLMU     | LOLMU     | LOLMU    | LOLMU     |
| Rating Date       |  | 20/Dec/07 | 27/Dec/07 | 1/Feb/07 | 20/Apr/07 |
| Trt-Eval Interval |  | 371 DA-A  | 378 DA-A  | 49 DA-A  | 127 DA-A  |

| Trt No.            | Treatment Name            | Rate | Unit      | Growth Stage | 1      | 2       | 3       | 4       |
|--------------------|---------------------------|------|-----------|--------------|--------|---------|---------|---------|
| 1                  | nontreated                |      |           |              | 0      | c 0     | d 0     | c 0     |
| 2                  | Axial                     | 8.2  | OZ/AEPOST | 55           | a 73   | a 86    | a 75    | a       |
|                    | A12127                    | 9.6  | OZ/AEPOST |              |        |         |         |         |
| 3                  | Hoelon                    | 1.33 | PT/AEPOST | 30           | b 30   | c 68    | b 30    | c       |
| 4                  | Osprey                    | 4.76 | OZ/AEPOST | 35           | b 55   | b 86    | a 55    | b       |
|                    | Methylated Seed Oil (MSO) | 1.5  | PT/AEPOST |              |        |         |         |         |
| LSD (P=.10)        |                           |      |           |              | 6.1    | 5.4     | 3.4     | 5.3     |
| Standard Deviation |                           |      |           |              | 4.7    | 4.2     | 2.6     | 4.1     |
| CV                 |                           |      |           |              | 15.71  | 10.58   | 4.39    | 10.21   |
| Grand Mean         |                           |      |           |              | 30.0   | 39.38   | 60.0    | 40.0    |
| Bartlett's X2      |                           |      |           |              | 0.0    | 0.059   | 0.007   | 0.0     |
| P(Bartlett's X2)   |                           |      |           |              | 1.00   | 0.807   | 0.996   | 1.00    |
| Replicate F        |                           |      |           |              | 0.000  | 0.360   | 7.200   | 1.000   |
| Replicate Prob(F)  |                           |      |           |              | 1.0000 | 0.7834  | 0.0091  | 0.4363  |
| Treatment F        |                           |      |           |              | 93.000 | 228.840 | 966.600 | 252.000 |
| Treatment Prob(F)  |                           |      |           |              | 0.0001 | 0.0001  | 0.0001  | 0.0001  |

Means followed by same letter do not significantly differ (P=.10, Student-Newman-Keuls)

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