

**2011 NDSU Fargo Soybean Saturated-soil Roundup Ready Experiment, Author, T. Helms.**

| Company/Brand | Variety         | Maturity<br>(date) | Seed Yield        |                  |         |
|---------------|-----------------|--------------------|-------------------|------------------|---------|
|               |                 |                    | Dry <sup>1</sup>  | Wet <sup>2</sup> | Average |
|               |                 |                    | ------(bu/a)----- |                  |         |
| Asgrow        | AG 0730         | 23-Sep             | 34.3              | 35.8             | 35.1    |
| Asgrow        | AG 0732         | 24-Sep             | 38.5              | 29.3             | 33.9    |
| Channel       | 0205R2          | 22-Sep             | 36.4              | 35.0             | 35.7    |
| Channel       | 0501R2          | 16-Sep             | 29.5              | 23.0             | 26.3    |
| Croplan       | R2T0091         | 24-Sep             | 34.7              | 23.4             | 29.1    |
| Croplan       | R2T0730         | 26-Sep             | 32.7              | 25.7             | 29.2    |
| Dairyland     | DSR-0200/R2Y    | 27-Sep             | 31.2              | 24.0             | 27.6    |
| Dairyland     | DSR-0603/R2Y    | 23-Sep             | 33.5              | 24.3             | 28.9    |
| Dyna-Gro      | 34RY03          | 19-Sep             | 34.2              | 25.2             | 29.7    |
| Dyna-Gro      | 37RY06          | 19-Sep             | 36.3              | 30.2             | 33.3    |
| Gold Cntry    | 0840            | 22-Sep             | 32.3              | 32.5             | 32.4    |
| Integra       | 20800           | 24-Sep             | 38.0              | 28.7             | 33.4    |
| Integra       | 20810           | 24-Sep             | 36.7              | 27.7             | 32.2    |
| Integra       | 78070R          | 27-Sep             | 32.2              | 27.2             | 29.7    |
| Kruger        | K2-0503         | 24-Sep             | 34.9              | 24.1             | 29.5    |
| Kruger        | K2-0601         | 27-Sep             | 38.2              | 36.2             | 37.2    |
| Kruger        | K2-0701         | 25-Sep             | 35.8              | 28.0             | 31.9    |
| Mycogen       | 5B024R2         | 17-Sep             | 37.7              | 27.5             | 32.6    |
| Mycogen       | 5B034RR         | 21-Sep             | 33.5              | 27.8             | 30.7    |
| North Star    | NS0626R2        | 27-Sep             | 29.8              | 33.0             | 31.4    |
| North Star    | NS0925R2        | 24-Sep             | 34.3              | 29.2             | 31.8    |
| Peterson      | 12R06           | 23-Sep             | 33.6              | 29.7             | 31.7    |
| Peterson      | 11R08           | 22-Sep             | 35.8              | 32.7             | 34.3    |
| Pioneer       | 90Y21           | 23-Sep             | 23.7              | 18.8             | 21.3    |
| Pioneer       | 90Y41           | 28-Sep             | 26.7              | 24.6             | 25.7    |
| Pioneer       | 90Y50           | 21-Sep             | 33.8              | 27.2             | 30.5    |
| Proseed       | P210-80         | 26-Sep             | 33.3              | 27.7             | 30.5    |
| Proseed       | P211-60         | 23-Sep             | 30.6              | 27.8             | 29.2    |
| Proseed       | P211-90         | 25-Sep             | 35.7              | 28.0             | 31.9    |
| REA           | 62G22           | 22-Sep             | 35.1              | 27.3             | 31.2    |
| REA           | 63G31           | 22-Sep             | 31.8              | 22.0             | 26.9    |
| Seeds 2000    | 2051RR2Y        | 23-Sep             | 42.8              | 31.1             | 37.0    |
| Seeds 2000    | 2082RR2Y        | 25-Sep             | 32.5              | 29.2             | 30.9    |
| Syng NK       | NKS02-B4        | 22-Sep             | 33.4              | 22.1             | 27.8    |
| Syng NK       | NKS08-A2        | 23-Sep             | 27.5              | 22.9             | 25.2    |
| Thunder       | 3105R2Y         | 25-Sep             | 34.2              | 27.5             | 30.9    |
| Thunder       | 3106R2Y         | 25-Sep             | 21.8              | 21.9             | 21.9    |
| Thunder       | Thunder 3205R2Y | 28-Sep             | 35.9              | 28.5             | 32.2    |
| Wensman       | W3060R2         | 27-Sep             | 33.9              | 32.8             | 33.4    |
| Wensman       | W3076R2         | 27-Sep             | 34.5              | 31.2             | 32.9    |
| Mean          |                 |                    | 33.5              | 27.8             | 30.7    |
| CV            |                 |                    | 14.9              | 20.5             | 18.2    |

LSD 0.05

8.0

6.4

5.0

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<sup>1</sup>Dry yield is rainfed without supplemental irrigation.

<sup>2</sup>Wet yield is irrigated to simulate a wetter than average year.