

## 2025 Soybean Variety Trial at Minot

| Company        | Variety     | Herbicide System | Maturity | Days to mature | Lodging  | Plant Height | Test Weight | Protein | Oil  | Yield 2025 |
|----------------|-------------|------------------|----------|----------------|----------|--------------|-------------|---------|------|------------|
|                |             |                  |          | DAP*           | 1 to 9** | inches       | lbs/bu      | %       | %    | bu/a       |
| BASF           | XO 0094E    | Enlist E3        | 0.0      | 139            | 1        | 23           | 57.4        | 32.5    | 15.6 | 37.8       |
| BASF           | XO 0234E    | Enlist E3        | 0.2      | 143            | 1        | 23           | 57.5        | 32.4    | 15.6 | 36.2       |
| BASF           | XO 0436E    | Enlist E3        | 0.4      | 143            | 1        | 27           | 57.6        | 32.2    | 16.1 | 44.2       |
| BASF           | XO 0554E    | Enlist E3        | 0.5      | 144            | 1        | 24           | 57.6        | 31.3    | 15.9 | 42.6       |
| Channel        | 0325RXF     | RRXF             | 0.3      | 139            | 1        | 26           | 55.8        | 32.4    | 15.8 | 44.6       |
| Channel        | 0525RXF     | RRXF             | 0.5      | 140            | 1        | 29           | 56.7        | 31.3    | 16.0 | 44.0       |
| Channel        | CT0126E     | Enlist E3        | 0.1      | 139            | 1        | 25           | 55.8        | 32.4    | 15.6 | 39.6       |
| Channel        | CT0623E     | Enlist E3        | 0.6      | 143            | 1        | 25           | 56.9        | 32.9    | 15.6 | 37.9       |
| Fortus         | 0324E       | Enlist           | 0.3      | 137            | 1        | 25           | 56.6        | 32.6    | 15.4 | 40.8       |
| Golden Harvest | GH0225XF    | RR2XF            | 0.2      | 133            | 1        | 27           | 56.3        | 32.0    | 16.2 | 38.2       |
| Golden Harvest | GH0384XF    | RR2XF            | 0.3      | 139            | 1        | 28           | 56.7        | 33.1    | 15.5 | 47.3       |
| Golden Harvest | GH0446XF    | RR2XF            | 0.4      | 143            | 1        | 25           | 58.2        | 31.6    | 15.7 | 42.4       |
| Integra        | XF0115      | Enlist E3        | 0.1      | 134            | 1        | 27           | 56.0        | 32.1    | 15.6 | 40.1       |
| Integra        | XF0212      | Xtend Flex       | 0.2      | 136            | 1        | 30           | 56.6        | 32.7    | 15.7 | 42.1       |
| Integra        | XF0493      | Xtend Flex       | 0.4      | 142            | 1        | 25           | 57.2        | 31.8    | 15.7 | 35.6       |
| NDSU           | ND17009GT   | GT               | 0.09     | 135            | 1        | 23           | 58.6        | 32.9    | 16.4 | 25.3       |
| NDSU           | ND21008GT20 | GT               | 0.08     | 134            | 1        | 25           | 57.4        | 31.5    | 16.2 | 30.7       |
| NK Seeds       | NK008-P8XF  | Xtend Flex       | 0.08     | 132            | 1        | 26           | 56.5        | 32.7    | 15.8 | 43.1       |
| NK Seeds       | NK02-Y2XF   | Xtend Flex       | 0.2      | 138            | 1        | 23           | 56.9        | 31.1    | 16.4 | 38.7       |
| NK Seeds       | NK03-J1XF   | Xtend Flex       | 0.3      | 143            | 1        | 27           | 57.0        | 32.2    | 15.8 | 45.7       |
| NK Seeds       | NK04-Q9XF   | Xtend Flex       | 0.4      | 143            | 1        | 25           | 58.8        | 31.8    | 15.7 | 40.7       |
| NK Seeds       | NK06-C4XF   | Xtend Flex       | 0.6      | 140            | 1        | 29           | 57.5        | 31.2    | 14.8 | 43.1       |
| PROSEED        | XF30-092N   | Xtend Flex       | 0.09     | 134            | 1        | 26           | 57.2        | 31.3    | 16.2 | 46.1       |
| PROSEED        | XF40-12     | Xtend Flex       | 0.1      | 134            | 1        | 27           | 55.9        | 32.8    | 15.2 | 38.0       |
| PROSEED        | XF60-092    | Xtend Flex       | 0.09     | 132            | 1        | 26           | 56.1        | 32.1    | 15.6 | 35.1       |
| PROSEED        | XF60-22N    | Xtend Flex       | 0.2      | 139            | 1        | 25           | 56.2        | 30.5    | 16.0 | 35.2       |
| Thunder Seeds  | TE76007     | Enlist E3        | 00.7     | 132            | 1        | 25           | 57.7        | 34.2    | 15.3 | 36.5       |
| Thunder Seeds  | TE7601N     | Enlist E3        | 0.1      | 138            | 1        | 29           | 55.1        | 33.2    | 15.5 | 40.1       |
| Thunder Seeds  | TX8301      | XtendFlex        | 0.1      | 133            | 1        | 22           | 56.4        | 31.8    | 15.5 | 34.5       |
| Thunder Seeds  | TX85008     | XtendFlex        | 00.8     | 134            | 1        | 24           | 56.4        | 32.7    | 15.3 | 37.2       |
| Trial Mean     | --          | --               | --       | 138            | 1        | 26           | 56.9        | 32.2    | 15.7 | 39.4       |
| C.V. %         | --          | --               | --       | 2.4            | --       | 10.2         | 1.0         | 2.6     | 2.1  | 5.3        |
| LSD 5%         | --          | --               | --       | 6              | --       | 4            | 0.9         | 1.4     | 0.5  | 3.4        |
| LSD 10%        | --          | --               | --       | 5              | --       | 3            | 0.8         | 1.2     | 0.4  | 2.8        |

\*DAP = Days after planting.

\*\*Lodging: 1 = none, 9 = lying flat on the ground.

Planting date: June 3, 2025

Harvest date: October 8, 2025

Seeding rate: 150,000 live seeds/acre

Previous crop: wheat

Tillage system: no-till

Soil type: Williams loam