

**NDSU Carrington Research Extension Center
2016 Variety Trial Data**

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|--------------------------|-------------------|
| Einkorn - Organic | Carrington |
|--------------------------|-------------------|

| PI # | Seedling Vigor 1-5 | Days to Heading | Plant Height inch | Plant Lodge 0-9 | 1000 KWT gram | Seed per Pound | Test Weight lb/bu | Grain Yield lb/ac |
|-----------|--------------------------|--------------------|-------------------------|-----------------------|---------------------|-------------------|-------------------------|-------------------------|
| PI 94743 | 2.5 | 61.0 | 33.0 | 3.8 | 33.5 | 13575 | 32.1 | 1863.4 |
| PI 119422 | 3.5 | 61.8 | 33.9 | 3.3 | 32.5 | 13990 | 34.5 | 1867.0 |
| PI 119423 | 2.3 | 62.0 | 34.2 | 6.0 | 30.6 | 14835 | 35.1 | 2016.7 |
| PI 167526 | 2.0 | 63.3 | 35.0 | 4.0 | 33.5 | 13584 | 34.2 | 1885.6 |
| PI 170196 | 2.3 | 63.5 | 35.6 | 0.5 | 33.5 | 13580 | 36.1 | 1770.3 |
| PI 191381 | 3.5 | 64.3 | 35.0 | 3.8 | 30.8 | 14786 | 34.2 | 2023.4 |
| PI 237659 | 2.8 | 63.0 | 33.1 | 5.0 | 30.8 | 14751 | 34.3 | 1982.8 |
| PI 254195 | 1.3 | 64.5 | 32.9 | 4.3 | 33.9 | 13416 | 35.1 | 1783.1 |
| PI 326317 | 5.0 | 64.0 | 32.3 | 6.0 | 27.8 | 16384 | 31.4 | 1895.4 |
| PI 428149 | 3.5 | 60.8 | 33.2 | 0.5 | 30.3 | 15016 | 36.9 | 1883.4 |
| PI 428150 | 1.5 | 68.3 | 34.0 | 0.0 | 27.7 | 16426 | 34.7 | 2037.5 |
| PI 428155 | 2.8 | 64.8 | 35.3 | 2.5 | 30.5 | 14911 | 34.4 | 1911.8 |
| PI 428156 | 2.8 | 69.3 | 35.3 | 0.0 | 31.4 | 14487 | 33.0 | 1611.1 |
| PI 428158 | 3.8 | 60.8 | 34.3 | 0.8 | 35.7 | 12784 | 33.1 | 1635.6 |
| PI 428163 | 2.0 | 63.8 | 34.3 | 2.8 | 32.5 | 14006 | 35.7 | 2042.4 |
| PI 428164 | 2.3 | 63.8 | 32.7 | 2.0 | 31.5 | 14407 | 35.5 | 2019.0 |
| PI 428171 | 3.0 | 63.3 | 33.7 | 3.0 | 34.5 | 13158 | 34.3 | 1661.6 |
| PI 428172 | 1.8 | 64.8 | 33.5 | 2.5 | 30.8 | 14826 | 35.6 | 1663.9 |
| PI 428173 | 2.5 | 63.5 | 33.5 | 2.3 | 31.5 | 14451 | 34.9 | 1906.6 |
| TM23 | 3.0 | 64.0 | 32.5 | 2.0 | 33.2 | 13682 | 33.9 | 2043.0 |
| Mean | 2.7 | 63.7 | 33.8 | 2.7 | 31.8 | 14353 | 34.4 | 1875.2 |
| C.V. (%) | 27.7 | 1.1 | 5.6 | 39.3 | 4.6 | 4.6 | 2.5 | 6.9 |
| LSD 0.10 | 0.9 | 0.8 | 2.3 | 1.3 | 1.7 | 775 | 1.0 | 153.3 |
| LSD 0.05 | 1.1 | 1.0 | 2.7 | 1.5 | 2.1 | 928 | 1.2 | 183.6 |

Planting Date = April 22; Harvest Date = August 2; Previous Crop = Hail damaged cowpeas/cover crop

¹ Vigor score: 1 = worst; 5 = best

This trial received hail damage on July 9.