## Chickasha Wheat Variety Trial 2020-2021
### Standard vs. Intensive Wheat Management Comparison

Cooperator: OSU South Central Research Station  
Extension Educator: Alexandria Minor

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<th>Licensee</th>
<th>Variety</th>
<th>2020-2021 Grain Yield</th>
<th>Test Weight</th>
<th>Protein</th>
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**Results:**

### Notes:
- Grain yield and protein concentration were adjusted to 12% moisture content. Shaded values are not statistically different from the highest value within a column.
- A high moisture content was observed on early April and a spring freeze event occurred on late April. Average rating for hail and freeze damage was 80%. Severe freeze damage was observed during heading and flowering stages; * Data not reported due to unknown causes of atypical poor grain yield and test weight.

### Additional Information:
- Management: Grain-only, conventional tillage.
- Soil: Dale silt loam.
- Nitrogen: All plots had a total of 51 lbs/ac of N at planting (45 lbs/ac soil test + 6 lbs/ac applied) and received 100 lbs/ac of N on 2/26/21.
- Intensive management plots received additional 40 lbs/ac of N on 3/24/21 and two fungicide applications; 4 oz/ac Tebuconazole fung. 3.6 at jointing on 3/24/21 and 13 oz/ac Nexitor on 4/12/21.

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