Cooperator: Tom Young  
Location: 44.706626°, -100.405171°  
Soil Type: Agar silt loam, 0-2% slopes  
Previous crop: spring wheat  
Tillage: no-till  
Row spacing: 8"  
Seeding Rate: 1.2 million PLS/acre  
Fertilizer:  
- Starter: 10 gal/acre 10-34-0  
- Other: 70-0-0 as UAN spring-applied  
Herbicide:  
- Burndown: not reported  
- Post: 16 oz/acre PerfectMatch  
Fungicide: none  
Date seeded: 9/16/2020  
Date harvested: 7/20/2021  
Notes: Very dry throughout the growing season.
# Winter Wheat Variety Trial Results

**Onida**

Table 1. 2021 winter wheat variety performance trial results (average of four replications) at Onida, South Dakota. Entries are sorted by overall three-year yield. Varieties yielding in the top third of the trial are shaded light blue.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Height (in)</th>
<th>Lodging* (1-5)</th>
<th>Test Wt (lbs/bu)</th>
<th>Protein %</th>
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* Lodging score: 1, perfectly standing; to 5, completely flat.
# Trial averages may include values from experimental lines that are not reported.
† Value required (≥LSD) to determine if varieties are significantly different from one another.
‡ C.V. is a measure of variability or experimental error, 15% or less is considered acceptable.