2020 South Dakota Spring Wheat Variety Trial Results
Aberdeen

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Cooperator: Locken Farms
Location: 45.485252°, -98.558349°
Soil Type: Barnes-Cresbard-Tonka complex, 0-3% slopes
Previous crop: soybeans
Tillage: No-till
Row spacing: 8'
Seeding Rate: 1.8 million PLS/acre
Fertilizer:
- Starter: 90 lb/acre 30-10-10
- Other: 116-40-40-13S preemerge broadcast
Herbicide:
- Burndown: none
- Post: none
Fungicide: 6.5 oz.acre Prosaro applied at Feekes 10.5.1 (flowering)
Date seeded: 4/20/2020
Date harvested: 8/21/2019
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Table 1. 2020 spring wheat variety performance trial results (average of 4 replications) at Aberdeen, SD. Entries are sorted by overall 3-year yield. Varieties yielding in the top 1/3 of the trial are shaded light blue.

<table>
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<tr>
<th>Variety</th>
<th>Height (in)</th>
<th>Lodging* (1-5)</th>
<th>Test Wt (lbs)</th>
<th>Protein %</th>
<th>2018 (bu/a)</th>
<th>2019 (bu/a)</th>
<th>2020 (bu/a)</th>
<th>2-year (bu/a)</th>
<th>3-year (bu/a)</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.