Soybean Conventional and Roundup Ready Varietal Trials
McIntosh and Crookston—Polk County

Crookston Site
Tyler and HD Ross

Roundup Ready Varieties

Planting Date: 5-16-06
Soil Test:
P = 11 ppm
K = 139 ppm
O.M. = 3.9%
Carb. = 1.1%
Salts = .31 mmho
pH = 8.3
Herbicides: PPI = None
Conventional: 5-26-06
  Raptor 2 oz./a
  Rezult 1.6 + 1.6 pt./a
  Crop Oil 1.5 pt/a
Roundup Varieties: 6-13-06, 7-6-06
  1 qt. Roundup Original
  +3.2 oz. Warrior 7-7-06
  +1/2 pt. Lorsban 8-7-06
Harvest Date 9-25-06

<table>
<thead>
<tr>
<th>Company</th>
<th>Variety</th>
<th>Rel. Maturity</th>
<th>Yield (bu/a)</th>
<th>Protein (%)</th>
<th>Oil (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stine Seed</td>
<td>S0306-4</td>
<td>0.3</td>
<td>66.6</td>
<td>33.0</td>
<td>20.2</td>
</tr>
<tr>
<td>Legend Seeds</td>
<td>LS0624</td>
<td>0.5</td>
<td>64.4</td>
<td>34.5</td>
<td>19.0</td>
</tr>
<tr>
<td>Wensman Seed</td>
<td>W2030RR</td>
<td>0.3</td>
<td>66.0</td>
<td>33.5</td>
<td>20.1</td>
</tr>
<tr>
<td>AgSource Seed</td>
<td>9037</td>
<td>0.3</td>
<td>65.0</td>
<td>34.4</td>
<td>20.1</td>
</tr>
<tr>
<td>Asgrow Seed</td>
<td>AG0401</td>
<td>0.4</td>
<td>64.9</td>
<td>33.4</td>
<td>19.9</td>
</tr>
<tr>
<td>Wensman Seed</td>
<td>W2064RR</td>
<td>0.5</td>
<td>64.8</td>
<td>34.6</td>
<td>18.9</td>
</tr>
<tr>
<td>Dyna-Gro</td>
<td>32703</td>
<td>0.3</td>
<td>64.7</td>
<td>33.5</td>
<td>20.2</td>
</tr>
<tr>
<td>NK Brand Seed</td>
<td>S01-T5</td>
<td>0.1</td>
<td>62.8</td>
<td>36.4</td>
<td>18.7</td>
</tr>
<tr>
<td>Pioneer Seed</td>
<td>90M60</td>
<td>0.6</td>
<td>61.2</td>
<td>34.4</td>
<td>19.1</td>
</tr>
<tr>
<td>Mustang Seeds</td>
<td>M-036 RR</td>
<td>0.3</td>
<td>61.1</td>
<td>33.3</td>
<td>19.4</td>
</tr>
<tr>
<td>Peterson Farm Seed</td>
<td>07009RR</td>
<td>0.9</td>
<td>60.9</td>
<td>34.6</td>
<td>19.9</td>
</tr>
<tr>
<td>Croplan Genetics</td>
<td>RT406</td>
<td>0.4</td>
<td>60.7</td>
<td>33.7</td>
<td>20.1</td>
</tr>
<tr>
<td>RoughRider Genetics</td>
<td>RG604RR</td>
<td>0.4</td>
<td>60.7</td>
<td>33.8</td>
<td>19.3</td>
</tr>
<tr>
<td>Thunder Seed Inc.</td>
<td>2505RR</td>
<td>0.5</td>
<td>60.7</td>
<td>34.5</td>
<td>19.1</td>
</tr>
<tr>
<td>NK Brand Seed</td>
<td>S02-M9</td>
<td>0.2</td>
<td>60.6</td>
<td>36.2</td>
<td>19.6</td>
</tr>
<tr>
<td>Dyna-Gro</td>
<td>36N05</td>
<td>0.5</td>
<td>60.5</td>
<td>35.0</td>
<td>19.1</td>
</tr>
<tr>
<td>Gold Country Seed</td>
<td>2703RR</td>
<td>0.3</td>
<td>59.8</td>
<td>33.5</td>
<td>20.1</td>
</tr>
<tr>
<td>Peterson Farm Seed</td>
<td>07008RR</td>
<td>0.8</td>
<td>59.8</td>
<td>33.4</td>
<td>20.2</td>
</tr>
<tr>
<td>Wensman Seed</td>
<td>W20074RR</td>
<td>0.7</td>
<td>58.1</td>
<td>33.6</td>
<td>20.1</td>
</tr>
<tr>
<td>Proseed</td>
<td>40-20</td>
<td>0.2</td>
<td>57.6</td>
<td>33.2</td>
<td>19.5</td>
</tr>
<tr>
<td>Stine Seed</td>
<td>S0090-84</td>
<td>0.9</td>
<td>57.1</td>
<td>34.6</td>
<td>19.4</td>
</tr>
<tr>
<td>Hyland Seeds</td>
<td>RR Royal</td>
<td>0.9</td>
<td>57.0</td>
<td>35.5</td>
<td>18.8</td>
</tr>
<tr>
<td>AgSource Seed</td>
<td>9057</td>
<td>0.5</td>
<td>56.8</td>
<td>32.9</td>
<td>19.7</td>
</tr>
<tr>
<td>Pioneer Seed</td>
<td>90M01</td>
<td>0.0</td>
<td>56.8</td>
<td>34.1</td>
<td>19.9</td>
</tr>
<tr>
<td>Asgrow Seed</td>
<td>AG0301</td>
<td>0.3</td>
<td>56.5</td>
<td>33.5</td>
<td>19.3</td>
</tr>
<tr>
<td>Seeds 2000</td>
<td>Exp0081RR</td>
<td>0.8</td>
<td>55.7</td>
<td>32.7</td>
<td>20.5</td>
</tr>
<tr>
<td>Northstar Genetics Limited</td>
<td>NS0011RR</td>
<td>0.4</td>
<td>55.4</td>
<td>33.5</td>
<td>20.1</td>
</tr>
<tr>
<td>Asgrow Seed</td>
<td>AG0202</td>
<td>0.2</td>
<td>55.0</td>
<td>33.7</td>
<td>19.1</td>
</tr>
<tr>
<td>Legend Seeds</td>
<td>LS0065</td>
<td>0.9</td>
<td>54.4</td>
<td>33.3</td>
<td>20.3</td>
</tr>
<tr>
<td>Northstar Genetics Limited</td>
<td>NS0031RR</td>
<td>0.8</td>
<td>54.4</td>
<td>34.2</td>
<td>19.7</td>
</tr>
<tr>
<td>Proseed</td>
<td>20-11</td>
<td>0.1</td>
<td>53.6</td>
<td>34.2</td>
<td>19.9</td>
</tr>
<tr>
<td>RoughRider Genetics</td>
<td>RG600RR</td>
<td>0.0</td>
<td>53.5</td>
<td>34.2</td>
<td>19.7</td>
</tr>
<tr>
<td>Pioneer Seed</td>
<td>90M20</td>
<td>0.2</td>
<td>53.4</td>
<td>33.9</td>
<td>19.5</td>
</tr>
<tr>
<td>Peterson Farm Seed</td>
<td>04009RR</td>
<td>0.9</td>
<td>53.0</td>
<td>33.7</td>
<td>19.7</td>
</tr>
<tr>
<td>Dekalb Seed</td>
<td>DK8009-51</td>
<td>0.9</td>
<td>52.9</td>
<td>35.0</td>
<td>18.8</td>
</tr>
<tr>
<td>Mycogen Seed</td>
<td>SA009RR</td>
<td>0.9</td>
<td>52.8</td>
<td>34.6</td>
<td>20.0</td>
</tr>
<tr>
<td>Proseed</td>
<td>50-30</td>
<td>0.3</td>
<td>52.8</td>
<td>34.9</td>
<td>19.5</td>
</tr>
<tr>
<td>Croplan Genetics</td>
<td>RT103</td>
<td>0.1</td>
<td>52.5</td>
<td>35.5</td>
<td>19.7</td>
</tr>
<tr>
<td>Mycogen Seed</td>
<td>SB008RR</td>
<td>0.8</td>
<td>52.4</td>
<td>34.1</td>
<td>19.6</td>
</tr>
<tr>
<td>Hyland Seeds</td>
<td>RR Rugged</td>
<td>0.3</td>
<td>52.2</td>
<td>32.4</td>
<td>20.0</td>
</tr>
<tr>
<td>RoughRider Genetics</td>
<td>RG601NRR</td>
<td>0.1</td>
<td>52.1</td>
<td>34.6</td>
<td>19.1</td>
</tr>
<tr>
<td>Garst Seed</td>
<td>0312RR</td>
<td>0.3</td>
<td>52.0</td>
<td>37.0</td>
<td>18.5</td>
</tr>
<tr>
<td>Mycogen Seed</td>
<td>SB004RR</td>
<td>0.4</td>
<td>51.6</td>
<td>33.1</td>
<td>20.3</td>
</tr>
<tr>
<td>Garst Seed</td>
<td>0188RR</td>
<td>0.1</td>
<td>51.1</td>
<td>34.0</td>
<td>18.6</td>
</tr>
<tr>
<td>Dekalb Seed</td>
<td>DK8 5007</td>
<td>0.7</td>
<td>50.7</td>
<td>33.4</td>
<td>20.2</td>
</tr>
<tr>
<td>Gold Country Seed</td>
<td>426RR</td>
<td>0.8</td>
<td>49.9</td>
<td>32.9</td>
<td>20.5</td>
</tr>
<tr>
<td>AgSource Seed</td>
<td>9026</td>
<td>0.2</td>
<td>49.6</td>
<td>32.9</td>
<td>19.8</td>
</tr>
<tr>
<td>NK Brand Seed</td>
<td>S00-K5</td>
<td>0.5</td>
<td>49.2</td>
<td>35.6</td>
<td>18.8</td>
</tr>
<tr>
<td>Northstar Genetics Limited</td>
<td>NS0021RR</td>
<td>0.9</td>
<td>48.8</td>
<td>33.9</td>
<td>20.0</td>
</tr>
<tr>
<td>Hyland Seeds</td>
<td>RR Ridgeway</td>
<td>0.2</td>
<td>48.5</td>
<td>33.8</td>
<td>19.4</td>
</tr>
<tr>
<td>Thunder Seed Inc.</td>
<td>2502RR</td>
<td>0.3</td>
<td>48.4</td>
<td>33.6</td>
<td>19.4</td>
</tr>
<tr>
<td>Thunder Seed Inc.</td>
<td>26004RR</td>
<td>0.4</td>
<td>48.3</td>
<td>35.4</td>
<td>19.1</td>
</tr>
<tr>
<td>Dyna-Gro</td>
<td>30B04</td>
<td>0.4</td>
<td>47.1</td>
<td>33.2</td>
<td>20.2</td>
</tr>
<tr>
<td>Legend Seeds</td>
<td>LS0025</td>
<td>0.2</td>
<td>47.1</td>
<td>33.9</td>
<td>19.4</td>
</tr>
<tr>
<td>Croplan Genetics</td>
<td>RT0043</td>
<td>0.4</td>
<td>46.4</td>
<td>33.2</td>
<td>20.3</td>
</tr>
<tr>
<td>Asgrow Seed</td>
<td>AG00603</td>
<td>0.6</td>
<td>44.9</td>
<td>33.2</td>
<td>19.6</td>
</tr>
<tr>
<td>LSD 0.05</td>
<td></td>
<td></td>
<td>8.2</td>
<td>0.8</td>
<td>0.3</td>
</tr>
</tbody>
</table>

Source: 2006 On-Farm Cropping Trials Northwest and West Central Minnesota

Partnership/Funding: Polk County Extension Service and Polk County Soybean Growers Association, NW Research and Outreach Center

For additional information: Russ Severson and Jim Stordahl
**Fosston Site**  
*Rick Roed*

**Roundup Ready Varieties**

**Planting Date:** 5-16-06  
**Soil Test:**  
- P = 8 ppm  
- K = 169 ppm  
- O.M. = 2.7%  
- Carb. = 0.1%  
- Salts = 0.18 mmho  
- pH = 7.2  

**Herbicides:** PPI = Prowl

**Conventional Varieties:** 6-28-06  
Hand weeded escapes due to early flowering of soybeans

**Roundup Varieties—6-28-05**  
1 qt Roundup Original

**Harvest Date** 9-14-06

---

**Table: Soybean Variety Trials**  
*Polk County (continued)*

<table>
<thead>
<tr>
<th>Company</th>
<th>Variety</th>
<th>Rel. Maturity</th>
<th>Yield (bu/a)</th>
<th>Protein (%)</th>
<th>Oil (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pioneer Seed</td>
<td>90M60</td>
<td>0.6</td>
<td>49.6</td>
<td>34.9</td>
<td>18.9</td>
</tr>
<tr>
<td>Proseed</td>
<td>60-40</td>
<td>0.4</td>
<td>46.8</td>
<td>34.6</td>
<td>19.7</td>
</tr>
<tr>
<td>Asgrow Seed</td>
<td>AG0401</td>
<td>0.4</td>
<td>46.1</td>
<td>33.9</td>
<td>19.5</td>
</tr>
<tr>
<td>AgSource Seed</td>
<td>9037</td>
<td>0.3</td>
<td>44.4</td>
<td>34.3</td>
<td>19.7</td>
</tr>
<tr>
<td>Croplan Genetics</td>
<td>RT406</td>
<td>0.4</td>
<td>43.6</td>
<td>34.2</td>
<td>19.7</td>
</tr>
<tr>
<td>Dyna-Gro</td>
<td>33T06</td>
<td>0.6</td>
<td>43.4</td>
<td>34.5</td>
<td>18.8</td>
</tr>
<tr>
<td>Thunder Seed Inc.</td>
<td>2505RR</td>
<td>0.5</td>
<td>42.8</td>
<td>34.6</td>
<td>18.7</td>
</tr>
<tr>
<td>Wensman Seed</td>
<td>W2030RR</td>
<td>0.3</td>
<td>42.4</td>
<td>34.4</td>
<td>19.7</td>
</tr>
<tr>
<td>Pioneer Seed</td>
<td>90M40</td>
<td>0.4</td>
<td>42.1</td>
<td>33.9</td>
<td>19.1</td>
</tr>
<tr>
<td>Stine Seed</td>
<td>S0306-4</td>
<td>0.3</td>
<td>41.8</td>
<td>34.1</td>
<td>19.8</td>
</tr>
<tr>
<td>Gold Country Seed</td>
<td>2703RR</td>
<td>0.3</td>
<td>41.6</td>
<td>34.1</td>
<td>19.8</td>
</tr>
<tr>
<td>Dyna-Gro</td>
<td>33K02</td>
<td>0.2</td>
<td>38.5</td>
<td>33.3</td>
<td>19.6</td>
</tr>
<tr>
<td>Wensman Seed</td>
<td>W2064RR</td>
<td>0.5</td>
<td>38.5</td>
<td>34.0</td>
<td>18.9</td>
</tr>
<tr>
<td>AgSource Seed</td>
<td>9057</td>
<td>0.5</td>
<td>38.1</td>
<td>34.2</td>
<td>19.0</td>
</tr>
<tr>
<td>Garst Seed</td>
<td>0188RR</td>
<td>0.1</td>
<td>38.1</td>
<td>33.2</td>
<td>19.5</td>
</tr>
<tr>
<td>Hyland Seeds</td>
<td>RR Reliant</td>
<td>0.3</td>
<td>37.2</td>
<td>35.6</td>
<td>18.3</td>
</tr>
<tr>
<td>Peterson Farm Seed</td>
<td>07009RR</td>
<td>0.9</td>
<td>36.7</td>
<td>34.4</td>
<td>20.0</td>
</tr>
<tr>
<td>Wensman Seed</td>
<td>W20074RR</td>
<td>0.7</td>
<td>36.2</td>
<td>32.3</td>
<td>20.3</td>
</tr>
<tr>
<td>NK Brand Seed</td>
<td>S02-M9</td>
<td>0.2</td>
<td>36.0</td>
<td>35.9</td>
<td>19.7</td>
</tr>
<tr>
<td>Peterson Farm Seed</td>
<td>07008RR</td>
<td>0.8</td>
<td>35.9</td>
<td>31.8</td>
<td>20.3</td>
</tr>
<tr>
<td>Seeds 2000</td>
<td>Exp0081RR</td>
<td>0.8</td>
<td>35.0</td>
<td>31.9</td>
<td>20.3</td>
</tr>
<tr>
<td>AgSource Seed</td>
<td>9026</td>
<td>0.2</td>
<td>34.8</td>
<td>32.3</td>
<td>19.5</td>
</tr>
<tr>
<td>Asgrow Seed</td>
<td>AG0301</td>
<td>0.3</td>
<td>34.5</td>
<td>33.3</td>
<td>19.2</td>
</tr>
<tr>
<td>Stine Seed</td>
<td>S0090-84</td>
<td>0.9</td>
<td>34.4</td>
<td>32.5</td>
<td>19.7</td>
</tr>
<tr>
<td>Mycogen Seed</td>
<td>5B004RR</td>
<td>0.4</td>
<td>34.1</td>
<td>32.6</td>
<td>19.9</td>
</tr>
<tr>
<td>NK Brand Seed</td>
<td>S01-T5</td>
<td>0.1</td>
<td>34.0</td>
<td>35.7</td>
<td>18.9</td>
</tr>
<tr>
<td>Hyland Seeds</td>
<td>RR Rugged</td>
<td>0.3</td>
<td>33.4</td>
<td>34.1</td>
<td>19.9</td>
</tr>
<tr>
<td>Mycogen Seed</td>
<td>SA009RR</td>
<td>0.9</td>
<td>33.4</td>
<td>33.8</td>
<td>20.0</td>
</tr>
<tr>
<td>Thunder Seed Inc.</td>
<td>26004RR</td>
<td>0.4</td>
<td>33.4</td>
<td>34.3</td>
<td>19.3</td>
</tr>
<tr>
<td>RoughRider Genetics</td>
<td>RG601NRR</td>
<td>0.1</td>
<td>32.7</td>
<td>34.0</td>
<td>19.2</td>
</tr>
<tr>
<td>Peterson Farm Seed</td>
<td>04009RR</td>
<td>0.9</td>
<td>32.6</td>
<td>33.5</td>
<td>19.3</td>
</tr>
<tr>
<td>Proseed</td>
<td>50-30</td>
<td>0.3</td>
<td>32.5</td>
<td>34.8</td>
<td>19.5</td>
</tr>
<tr>
<td>Croplan Genetics</td>
<td>RT0103</td>
<td>0.1</td>
<td>32.0</td>
<td>34.9</td>
<td>19.7</td>
</tr>
<tr>
<td>Garst Seed</td>
<td>0312RR</td>
<td>0.3</td>
<td>31.7</td>
<td>36.5</td>
<td>18.5</td>
</tr>
<tr>
<td>Northstar Genetics Limited</td>
<td>NS0031RR</td>
<td>0.8</td>
<td>31.2</td>
<td>32.5</td>
<td>19.7</td>
</tr>
<tr>
<td>Hyland Seeds</td>
<td>RR Ridgeway</td>
<td>0.2</td>
<td>30.9</td>
<td>32.7</td>
<td>19.1</td>
</tr>
<tr>
<td>Dekalb Seed</td>
<td>DK8009-51</td>
<td>0.9</td>
<td>30.8</td>
<td>34.8</td>
<td>18.6</td>
</tr>
<tr>
<td>RoughRider Genetics</td>
<td>RG604RR</td>
<td>0.4</td>
<td>30.7</td>
<td>33.1</td>
<td>19.4</td>
</tr>
<tr>
<td>Mycogen Seed</td>
<td>5B008RR</td>
<td>0.8</td>
<td>30.4</td>
<td>34.1</td>
<td>18.9</td>
</tr>
<tr>
<td>Northstar Genetics Limited</td>
<td>NS0021RR</td>
<td>0.9</td>
<td>30.4</td>
<td>32.8</td>
<td>19.9</td>
</tr>
<tr>
<td>Asgrow Seed</td>
<td>AG00603</td>
<td>0.6</td>
<td>30.1</td>
<td>33.4</td>
<td>18.9</td>
</tr>
<tr>
<td>Dekalb Seed</td>
<td>DK8 5007</td>
<td>0.7</td>
<td>29.7</td>
<td>32.6</td>
<td>20.0</td>
</tr>
<tr>
<td>Croplan Genetics</td>
<td>RT0043</td>
<td>0.4</td>
<td>29.1</td>
<td>33.1</td>
<td>19.7</td>
</tr>
<tr>
<td>Legend Seeds</td>
<td>LS0255</td>
<td>0.2</td>
<td>28.2</td>
<td>32.5</td>
<td>19.2</td>
</tr>
<tr>
<td>Legend Seeds</td>
<td>LS0036</td>
<td>0.3</td>
<td>27.4</td>
<td>33.6</td>
<td>19.7</td>
</tr>
<tr>
<td>Thunder Seed Inc.</td>
<td>2502RR</td>
<td>0.3</td>
<td>27.4</td>
<td>32.5</td>
<td>19.3</td>
</tr>
<tr>
<td>Gold Country Seed</td>
<td>426RR</td>
<td>0.8</td>
<td>27.2</td>
<td>33.2</td>
<td>19.7</td>
</tr>
<tr>
<td>RoughRider Genetics</td>
<td>RG600RR</td>
<td>0.0</td>
<td>27.2</td>
<td>33.1</td>
<td>19.8</td>
</tr>
<tr>
<td>Legend Seeds</td>
<td>LS0094</td>
<td>0.9</td>
<td>27.1</td>
<td>33.8</td>
<td>19.5</td>
</tr>
<tr>
<td>NK Brand Seed</td>
<td>S00-K5</td>
<td>0.5</td>
<td>25.5</td>
<td>35.6</td>
<td>18.8</td>
</tr>
<tr>
<td>Northstar Genetics Limited</td>
<td>NS0011RR</td>
<td>0.4</td>
<td>25.1</td>
<td>33.3</td>
<td>19.8</td>
</tr>
<tr>
<td>LSD 0.05</td>
<td></td>
<td></td>
<td>7.8</td>
<td>1.4</td>
<td>0.6</td>
</tr>
</tbody>
</table>
Soybean Varietal Trials —Polk County (continued)

Conventional Varieties

**Crookston: Tyler and HD Ross**

<table>
<thead>
<tr>
<th>Company</th>
<th>Variety</th>
<th>Rel. Maturity</th>
<th>Yield (bu/a)</th>
<th>Protein (%)</th>
<th>Oil (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hyland Seeds</td>
<td>T 2014</td>
<td>0.4</td>
<td>63.0</td>
<td>34.4</td>
<td>19.2</td>
</tr>
<tr>
<td>Thunder Seed Inc.</td>
<td>0598</td>
<td>0.5</td>
<td>61.6</td>
<td>34.5</td>
<td>19.2</td>
</tr>
<tr>
<td>Northstar Genetics Ltd.</td>
<td>NS0333</td>
<td>0.3</td>
<td>57.0</td>
<td>35.0</td>
<td>18.8</td>
</tr>
<tr>
<td>SunOpta</td>
<td>Panther</td>
<td>0.5</td>
<td>56.0</td>
<td>37.8</td>
<td>17.9</td>
</tr>
<tr>
<td>NDSU</td>
<td>Traill</td>
<td>0.6</td>
<td>53.3</td>
<td>36.9</td>
<td>18.1</td>
</tr>
<tr>
<td>Hyland Seeds</td>
<td>Emerson</td>
<td>0.6</td>
<td>53.1</td>
<td>33.4</td>
<td>20.1</td>
</tr>
<tr>
<td>U of M</td>
<td>MN0101</td>
<td>0.1</td>
<td>50.7</td>
<td>36.4</td>
<td>18.2</td>
</tr>
<tr>
<td>Northstar Genetics Ltd.</td>
<td>NS0002</td>
<td>0.9</td>
<td>47.5</td>
<td>33.5</td>
<td>19.2</td>
</tr>
<tr>
<td>SunOpta</td>
<td>Colibri</td>
<td>0.3</td>
<td>47.4</td>
<td>33.9</td>
<td>17.5</td>
</tr>
<tr>
<td>NDSU</td>
<td>Jim</td>
<td>0.7</td>
<td>41.3</td>
<td>35.7</td>
<td>18.4</td>
</tr>
<tr>
<td><strong>LSD 0.05</strong></td>
<td></td>
<td></td>
<td>8.8*</td>
<td>0.6</td>
<td>0.4</td>
</tr>
</tbody>
</table>

**Fosston: Rick Roed**

<table>
<thead>
<tr>
<th>Company</th>
<th>Variety</th>
<th>Rel. Maturity</th>
<th>Yield (bu/a)</th>
<th>Protein (%)</th>
<th>Oil (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thunder Seed Inc.</td>
<td>0598</td>
<td>0.5</td>
<td>35.9</td>
<td>35.1</td>
<td>19.0</td>
</tr>
<tr>
<td>Northstar Genetics Ltd.</td>
<td>NS0002</td>
<td>0.9</td>
<td>33.8</td>
<td>33.4</td>
<td>19.1</td>
</tr>
<tr>
<td>Hyland Seeds</td>
<td>Emerson</td>
<td>0.6</td>
<td>30.7</td>
<td>33.9</td>
<td>19.9</td>
</tr>
<tr>
<td>Northstar Genetics Ltd.</td>
<td>NS0333</td>
<td>0.3</td>
<td>30.2</td>
<td>35.1</td>
<td>18.7</td>
</tr>
<tr>
<td>NDSU</td>
<td>Traill</td>
<td>0.0</td>
<td>30.1</td>
<td>35.8</td>
<td>18.5</td>
</tr>
<tr>
<td>SunOpta</td>
<td>Panther</td>
<td>0.5</td>
<td>29.8</td>
<td>38.0</td>
<td>17.9</td>
</tr>
<tr>
<td>U of M</td>
<td>MN0101</td>
<td>0.1</td>
<td>28.0</td>
<td>35.0</td>
<td>18.8</td>
</tr>
<tr>
<td>Hyland Seeds</td>
<td>T 2014</td>
<td>0.4</td>
<td>27.9</td>
<td>33.2</td>
<td>19.7</td>
</tr>
<tr>
<td>SunOpta</td>
<td>Colibri</td>
<td>0.3</td>
<td>24.8</td>
<td>32.0</td>
<td>18.1</td>
</tr>
<tr>
<td>NDSU</td>
<td>Jim</td>
<td>0.7</td>
<td>20.8</td>
<td>35.7</td>
<td>18.0</td>
</tr>
<tr>
<td><strong>LSD 0.05</strong></td>
<td></td>
<td></td>
<td>6.5</td>
<td>1.0</td>
<td>0.4</td>
</tr>
</tbody>
</table>