Plant Quality Certified Seed

Certified seed is a guarantee for variety identity, germination, and purity. Contact your local seed producer or dealer for quality certified seed.

Seed producers or dealers can be found in the North Dakota Field Inspected Seeds Directory. The directory is available from the North Dakota State Seed Department (NDSSD), North Dakota Crop Improvement & Seed Association, your local county agent, or under the field seeds program of the NDSSD website. www.ndseed.com

Varieties protected under PVPA with Title V option can only be sold as a certified class of seed. It is the responsibility of the buyer and/or seller to confirm the PVP status of a specific crop variety prior to buying or selling the variety. PVP status information can be obtained from the ND State Seed Department.

Other flax varieties
released by the North Dakota Agricultural Experiment Station:


Omega – (1989) Very good yield with yellow seeds, medium height, medium maturity, and moderate susceptibility to flax wilt.


For information on the availability of Foundation seed contact:

NDSU Research/Extension Centers
Agronomy Seed Farm, Casselton .......... 347-4743
Carrington Research Extension Center .... 652-2951
Hettinger Research Extension Center ...... 567-4323
Langdon Research Extension Center ...... 256-2582
North Central Research Ext. Center ....... 857-7679
Williston Research Extension Center ...... 774-4315

Or
NDSU Foundation Seedstocks Project
P.O. Box 5051
Fargo, ND 58105-5051
701-231-8140
www.ag.ndsu.nodak.edu/aginfo/seedstock/fss/
Carter Flax

Carter is a yellow-seeded flax variety which was developed by the flax breeding program at NDSU and released by the North Dakota Agricultural Experiment Station in the summer of 2004. Carter was selected from the progeny of a cross between ‘Omega’ and ‘Neche.’ Carter has shown to yield nearly nine percent higher than Omega and has yield typically similar to Neche. Carter has been shown to contain up to 0.5% brown seeds or less.

Carter was named in honor of Dr. Jack Carter, professor emeritus at NDSU, whose ongoing efforts involving flax utilization and production have greatly benefitted the North Dakota producer and the flax industry overall.

To help ensure genetic purity, Carter flax will be protected under PVPA Title V and must be sold as a class of certified seed.

Carter Flax
General Characteristics

- Very good yield potential
- Large yellow seeds
- Good oil content and quality
- Plant height intermediate to ‘Omega’ and ‘Neche’
- Medium maturity with blue flowers
- Resistance to flax rust
- Tolerance to flax wilt

Yield of Carter flax and other flax varieties in yield trials conducted 2001-2003.

<table>
<thead>
<tr>
<th>Location</th>
<th>Carter</th>
<th>Omega</th>
<th>Neche</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yield (bu/acre)</td>
<td>20.8</td>
<td>19.2</td>
<td>20.8</td>
</tr>
<tr>
<td>Loc. Years</td>
<td>32</td>
<td>32</td>
<td>32</td>
</tr>
</tbody>
</table>

Agronomic performance of Carter flax and other flax varieties averaged over several locations, 2003.

<table>
<thead>
<tr>
<th>Location</th>
<th>Carter</th>
<th>Omega</th>
<th>Neche</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant Height (inches)</td>
<td>19.7</td>
<td>21.1</td>
<td>21.2</td>
</tr>
<tr>
<td>Maturity (days to first flower)</td>
<td>52.4</td>
<td>53.6</td>
<td>50.7</td>
</tr>
<tr>
<td>Oil content (%)</td>
<td>40.3</td>
<td>41.1</td>
<td>40.5</td>
</tr>
<tr>
<td>Location years</td>
<td>7</td>
<td>7</td>
<td>7</td>
</tr>
</tbody>
</table>

For additional information about Carter and other flax varieties, refer to the most recent Flax Variety Selection Guide (www.ext.nodak.edu/extpubs/plantsci/smgrains/a1049w.htm) or contact the flax breeder or extension agronomist at (701) 231-7971.