

Other flax varieties

released by the North Dakota
Agricultural Experiment Station:

Nekoma – (2002) Very good yield with brown seeds, medium height, late maturity, and moderate resistance to flax wilt.

York – (2002) Very good yield with brown seeds, medium height, late maturity, and moderate resistance to flax wilt.

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

Nече – (1988) Very good yield with brown seeds, medium height, medium maturity, and resistance 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/

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.

NDSU[®]

AGRICULTURE

Carter Flax



www.ndcropimprovement.org

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 'Nече.' 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 'Nече'
- 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.

	Carter	Omega	Neche
Yield (bu/acre)	20.8	19.2	20.8
Loc. Years	32	32	32

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

Location	Carter	Omega	Neche
Plant Height (inches)	19.7	21.1	21.2
Maturity (days to first flower)	52.4	53.6	50.7
Oil content (%)	40.3	41.1	40.5
Location years	7	7	7



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.