

July 8, 2011

Winter Wheat Recommended Varieties and Promising Experimental Lines for Nebraska Organic Farms

By Richard Little, UNL Organic Wheat Breeding Specialist

For yield results immediately following harvest:
<http://cropwatch.unl.edu/web/varietytest/wheat>

For data summaries and updates:
<http://agronomy.unl.edu/breedingorgsys>

KEY * Excellent bread quality from a majority of growing environments
† Coleoptile longer than 3.4 inches (suitable to emerge 90% of viable seeds through 3.0 inches of soil)
≈ Milling quality is marginal

Reliably High Yield and Bread Quality are Important:

Statewide

Camelot * †
NE04424 *
Expedition *

East and Central

NE07444 *
NE02558 *
SD07165 *
NW03666 (White)

West only

NE06469 * †
NE05496 * †
NW07505 (White) *
NW03681 (White) *
Hatcher * ≈
Millennium
Antelope ≈

Southeast and Southwest

McGill (NE01481) ≈

Reliably High Yield is important and Bread Quality Is NOT Important:

Statewide

Goodstreak †
Overland

Reliably High Yield is important and Test Weight Is NOT Important:

Statewide

Wahoo

East Only

NE03490

Bread Quality Is Very Important and yield is NOT as important:

Karl 92 *
NE07569 *
Alice (White) * (occasional years with moderate quality)
Pronghorn * † (occasional years with moderate quality)

High gluten and mixing strength for 100% whole wheat bread:

NE05425 *

Note: Experimental lines are not yet available. Certified seed is always recommended for growers to achieve the yield levels reported here.