

CDC Evolve is an awnless, hollow stemmed spelt suited to the longer crop season areas of Alberta and Saskatchewan. It was bred at the CDC in Saskatoon. The variety is higher yielding than other spelt varieties and has shorter straw and a lower lodging score. CDC Evolve is earlier to head and mature. Threshability is in the same range as the checks. It has a soft red kernel and weak gluten characteristics that are desirable for marketing.

Strengths:

- ✓ Much improved yield over other spelt varieties
- ✓ Earlier maturing and earlier to head
- ✓ Shorter straw, better lodging resistance
- ✓ Soft red kernel
- ✓ Resistant to loose smut and bunt

Other Attributes:

- ✓ Intermediate test weight but lower kernel weight
- ✓ Susceptibility to stripe rust in the range of checks
- ✓ Protein in the range of the check cultivars



Table 1: Summary of agronomic data in the Spring Spelt Registration Test 2012-2016

Variety	Yield (kg/ha)	% CDC Nexon	Heading (days)	Maturity (days)	Height (cm)	Lodging (1-9)*	Test Weight (kg/hL)	Kernel Weight (mg)	Threshability (5)	Protein (%)
AC Barrie	3606	96.9	57.4	95.0	96.5	2.2	78.8	34.1	97	15.5
CDC Evolve	4575	123.0	60.2	95.7	111.2	2.5	74.9	37.2	37	15.9
CDC Nexon	3720	100.0	65.5	100.7	123.8	6.4	75.8	39.6	40	14.9
CDC Zorba	4185	112.5	63.9	98.4	122.7	4.0	74.1	37.9	38	15.7
CDC Origin	4316	116.0	63.6	100.1	117.9	2.8	75.1	38.2	18	16.5
CDC Silex	4177	112.3	61.0	98.1	112.5	4.4	76.4	37.6	26	16.0

*Lodging: 1 = no lodging 9 = completely lodged

