



NUPRIDE GENETICS NETWORK

267 Plant Science Hall - P.O. Box 830911
Lincoln, NE 68583-0911
402-472-1444 ♦ FAX 402-472-7904

INFINITY CL

A New Hard Red Winter Wheat With Imidazolinone Tolerance

Infinity CL is a semi-dwarf hard red winter wheat variety that carries tolerance to the imidazolinone class of herbicides. Infinity CL has superior adaptation to rainfed wheat production systems in Nebraska and counties in adjacent states. Infinity CL has higher yield potential, better disease resistance, and overall good end-use attributes.

Infinity CL is an awned, white-glumed cultivar that is medium in maturity. The mature plant height of Infinity CL is approximately 34 inches and has been rated as having moderate straw strength. The winter hardiness is good to very good and comparable to other winter wheat cultivars adapted and commonly grown in Nebraska and surrounding states.

Infinity CL is moderately resistant to stem rust, leaf rust, and stripe rust. It is susceptible to Hessian fly and Wheat Soilborne Mosaic virus, but may contain low level of tolerance to Wheat Streak Mosaic virus.

U.S. Protected Variety: Seed of **Infinity CL** will be protected and may be sold only as a class of Certified seed. The CLEARFIELD wheat technologies are protected under U.S. Patent law.

Infinity CL Wheat is to be used as a component of the BASF CLEARFIELD Production System. CLEARFIELD is a unique production system comprised of herbicide-tolerant seed varieties and Beyond herbicide, a new imazamox-based herbicide to manage problem weeds. This system is designed to control weeds like jointed goatgrass, cheatgrass and other *Bromus spp.*, ryegrass, foxtails, wild oats, wild mustard, and volunteer cereals. This production system also provides a superior broad-spectrum grass control with a wide application window. This system incorporates low rates of the Beyond herbicide which allow a large rotational crop profile and fits all tillage methods.

The CLEARFIELD Production System will include a stewardship program that will help maintain the stability of the system. This means the grower must purchase Certified Infinity CL wheat seed and must agree not to save seed for planting. This means the grower must sell all of his production. Any unauthorized planting of the Infinity CL variety will be punishable under the U.S. Patent law.

Contact a NuPride Affiliate and find out more about the CLEARFIELD Production System.