



## NuPRIDE GENETICS NETWORK

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

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# ***Settler CL***

## ***A New Hard Red Winter Wheat With Imidazolinone Tolerance***

Settler CL is a semi-dwarf hard red winter wheat variety that carries tolerance to the imidazolinone class of herbicides. Settler CL has superior adaptation to rainfed wheat production systems in Nebraska, South Dakota, and Wyoming. Settler CL has high yield potential, good disease resistance, and good end-use attributes.

Settler CL is an awned, ivory-glumed that is moderately late in maturity very similar to 'Wesley'. The mature plant height of Settler CL is approximately 29 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.

Settler CL is moderately resistant to stem rust and to wheat soil borne mosaic virus. It is moderately susceptible to leaf rust, stripe rust, and Hessian fly. Settler CL also is slightly less susceptible to Fusarium head blight than many widely grown lines. It is susceptible to wheat streak mosaic virus.

**U.S. Protected Variety:** Seed of **Settler 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.

**Settler 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 Settler 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 Settler CL variety will be punishable under the U.S. Patent law.

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