

CDC ADAMANT VB

CWRS Wheat



Tough Against Insects

CDC Adamant VB is the first CWRS wheat that provides resistance to both wheat stem sawfly and orange blossom wheat midge. It's a significant step up in yield from its predecessor Lillian, with the same early maturity. CDC Adamant VB will be a solid choice for growers looking for comprehensive resistance to both wheat stem sawfly and wheat midge.

Highlights

- Wheat midge and wheat stem sawfly tolerance
 - » Top in class stem solidness rating
- High yielding, 117%* of CNHR Lillian
- Early maturing
- High protein

*Source: 2018 Sask Seed Guide

Insights

"I have grown CDC Adamant VB for the past two years. I think the combination of high yield with both midge resistance and wheat stem sawfly tolerance will make CDC Adamant VB a winner for my customers."

- Barry Reisner, Reisner Farm Ltd., Limerick SK

"CDC Adamant VB looks to be a very promising hard red spring wheat variety. It has high yield (one of the first spring wheats to yield as well as our new durum varieties), sawfly resistance, midge tolerance, good thrashability without risk of shelling and just a nice looking deep red wheat. Looks like a winner."

- Don Welsh, Sleepy Hollow Seeds Ltd.,
Milk River AB

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| CDC ADAMANT VB AGRONOMIC AND DISEASE DATA 2013-2014 | | | | | | | | | | | | | |
|---|---------------|--------------------|-----------------|-------------|------------|---------------------|-------------|-------------|-----------|-----------|-------------|----------|----------|
| Variety | Yield (kg/ha) | Yield (% of Unity) | Maturity (days) | Height (cm) | Lodging | Test Weight (kg/hl) | TKW (g) | Protein % | Stem Rust | Leaf Rust | Stripe Rust | Bunt | FHB |
| Unity | 5,475 | 109% | 95 | 102.0 | 3.5 | 79.0 | 33.3 | 13.9 | MR | R | MS | R | I |
| 5603HR | 5,021 | 100% | 98 | 103.0 | 2.4 | 76.9 | 30.9 | 13.9 | MR | R | MS | I | I |
| Glenn | 5,303 | 105% | 99 | 94.0 | 2.0 | 81.5 | 33.4 | 14.0 | R | R | MR | I | I |
| Carberry | 5,038 | 100% | 100 | 84.0 | 1.5 | 79.3 | 33.3 | 14.0 | MR | R | MR | R | MR |
| CDC Adamant VB | 5,433 | 108% | 96 | 92 | 3.0 | 78.6 | 33.5 | 14.5 | R | I | MS | S | I |

Lodging: scale of 1 - 9; 1 is best

Source: Report on the Central Bread Wheat Co-operative Test 2014, Request for Support of Registration of BW488

Parentage: Unity//McKenzie/Gus

Refuge: CDC Bradwell

Adaptability

CDC Adamant VB is well suited for the wheat stem sawfly areas of the prairies.



Insights

“CDC Adamant VB is a sawfly resistant CWRS that stands well, with good quality and higher yield potential. CDC Adamant VB is set to replace Lillian with the added bonus of midge tolerance. Two years into propegation with one year to go before launch, it looks like it will be at the top of its class.”

- Kevin Yauck, Yauck Seed Farm, Govan SK

“With the changing of varieties to different classes, CDC Adamant VB in the first two years of multiplication has shown very strong results to fill the need for a sawfly resistant variety with the added benefit of midge tolerance in the CWRS class exceeding yield and quality results. It will be the go to CWRS in Western Canadian regions that require these needs.”

- Cordon Geisam, Territory Manager, FP Genetics Inc.