


 **Origin:** Semi-Arid Prairie Agricultural Research Centre – AAFC, Swift Current, SK.

 **Pedigree:** 8405-JC3C*2/ AC Cora [Experimental Code: PT 205].

 **Varietal Characteristics:**

- **Growing Zone:** Wheat growing zones of the Canadian prairies.
- **Yield:** Very good potential. Best suited to brown/dark brown soil zones - appears to have improved drought tolerance and yield advantage.
- **Maturity:** 1 day earlier than check AC Barrie.
- **Plant height:** 33 inches.
- **Lodging:** Good resistance – slightly better than check.
- **Disease Resistance:**
 - MR to: stem rust, leaf rust and loose smut
 - MS to: common bunt
 - S to: FHB and stripe rust

Seed Manitoba - 2008

| Variety | AVG Yield % AC Barrie | Maturity (days) | % Protein | Height | Resistance to | | | | | | |
|-----------|--------------------------|--------------------|--------------|--------|---------------|--------------|--------------|---------------|------|--------------|-----|
| | | | | | Lodging | Stem Rust | Leaf Rust | Loose Smut | Bunt | Leaf Spot | FHB |
| AC Lovitt | 101 | -1 | +0.7 | M | G | VG | G | G | F | n/a | VP |
| AC Barrie | 100 | 99 | 15.1 | M | G | G | P | G | F | P | F |
| CDC Teal | 98 | -3 | -0.1 | M | G | G | G | G | F | P | VP |
| Superb | 106 | 2 | 0 | M | VG | VG | VP | F | VG | P | P |

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| Variety | Yield % AC Barrie | | | Maturity (days) | % Protein | Resistance to | | | | | | | | |
|-----------|-------------------|-------------|-----|--------------------|--------------|---------------|------------|-----------|--------------|--------------|---------------|------|--------------|-----|
| | Area 1&2 | Area 3&4 | IRR | | | Lodging | Shattering | Sprouting | Stem Rust | Leaf Rust | Loose Smut | Bunt | Leaf Spot | FHB |
| AC Lovitt | 103 | 102 | - | -1 | 0.0 | G | G | VG | G | G | G | F | F | P |
| AC Barrie | 100 | 100 | 100 | 100 | 14.8 | G | G | G | G | P | G | G | P | F |
| CDC Teal | 101 | 100 | 99 | -2 | -0.1 | G | G | P | G | G | G | F | P | VP |
| Superb | 108 | 109 | - | +3 | -0.4 | G | G | G | G | P | F | G | VP | P |

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| Variety | Yield as % of AC Barrie | | | | | | Comp. | | Te. Wt. (lb/bu) | Kn. Wt. (g/1000) | Ht. (cm) | Resistance to: | | | | Tolerance to: | |
|-----------|-------------------------|-----|-----|-----|-----|-----|----------------|------------|--------------------|---------------------|-------------|----------------|---------------|------|--------------|---------------|-----|
| | 1 | 2 | 3 | 4 | 5&6 | IRR | Mat. (days) | % Prot. | | | | Ldg. | Loose Smut | Bunt | Leaf Spot | Sprout | FHB |
| AC Lovitt | 102 | 92 | 99 | 99 | 98 | 94 | -1 | -0.3 | 61 | 35 | 89 | G | G | I | XX | VG | P |
| AC Barrie | 100 | 100 | 100 | 100 | 100 | 100 | 110 | 14.3 | 62 | 37 | 88 | G | R | R | P | G | F |
| CDC Teal | 100 | 99 | 91 | 104 | 101 | 100 | -1 | -0.2 | 62 | 36 | 89 | G | I | I | P | P | VP |
| Superb | 118 | 113 | 106 | 115 | 111 | 122 | 1 | -0.4 | 62 | 42 | 84 | G | I | R | P | G | P |