

# Product Sheet

## AC Nordic Orchardgrass



### Best Suited to:

AC Nordic is suited to hay or pasture mixtures for high quality production in areas that receive adequate moisture for Orchardgrass. The superior hardiness of AC Nordic makes it the choice for Orchardgrass in Western Canada.

CROP CHARACTERISTICS	
Growth Habit	Upright bunchgrass
Leaves	Medium wide, long, dark green
Tillers	Dense tillers, very leafy
Plant Height	Medium to tall
Maturity	Late, similar to Kay
Winterhardiness	Excellent, similar to Kay

### Breeding History:

AC Nordic was tested as ORWH. AC Nordic was developed by Agriculture Canada Plant Research Centre, Ottawa. AC Nordic is selected from Rideau following severe winter injury. The most vigorous plants were selected and polycrossed. The seed collected from the polycross was planted in a nursery for 3 more years of selection for even maturity, winter survival and freedom from stem rust.

### Yield Performance:

AC Nordic has been or is being tested both in Eastern and Western Canada. Trials in Eastern Canada were established first and Western Canadian results are in the early stages. Results in Eastern Canada have AC Nordic equal or superior to varieties such as Sumas or Kay in yield. The major factor favouring AC Nordic is its superior winterhardiness combined with a high yield potential that is comparable to the highest yielding varieties.

### Crop Management:

- Use AC Nordic in Western Canada in mixtures with a grass such as Meadow Bromegrass to increase regrowth and quality
- Seeding rate for AC Nordic in a mixture is between 4 and 8 lbs per acre
- Early spring seeding to optimize seedling development
- Use of a cover crop with grass mixtures
- A reduced seeding rate and early removal of the cover crop as greenfeed
- AC Nordic in mixtures with alfalfa for high quality hay production
- The seeding rate with alfalfa should be between 2 and 6 lbs per acre
- Grasses respond to fertilizer Nitrogen
- Local recommendations based on a soil test should be followed

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