

# ARC Centennial Canada Wildrye

(*Elymus canadensis*)



## Native Prairie Grass

**ARC Centennial Canada Wildrye** is a cool-season bunchgrass found throughout the Northern Great Plains in the U.S. and Canada.

### Growth Habit

**ARC Centennial Canada Wildrye** is a tall erect bunchgrass that grows to 150 cm (60 inches) in height. Basal stem leaves are coarse and long (25 cm or 10 inches). It has a shallow, wide spread, well branched root system and is usually found growing as individual plants rather than dense stands. **ARC Centennial Canada Wildrye** is short lived with three to four years of peak production. It reproduces from tillers.

### Adaptation

In the prairies, **ARC Centennial Canada Wildrye** is adapted to most soils, from sandy to loam. It prefers moist, well-drained soils and neutral to slightly alkaline conditions. **ARC Centennial Canada Wildrye** grows in areas receiving 25 cm (10 inches) moisture and can be found in the wooded areas of the prairies. It has a fair to moderate drought tolerance, with fair to good flooding tolerance, and similarly, fair to good salt tolerance.

### Reclamation Uses

**ARC Centennial Canada Wildrye** is found throughout the prairies from riverbanks to sandy areas and from prairies to parkland ecosystems. It is a quick starting species that does well on disturbed sites where moisture accumulates. For example, sandy stream channels, highway ditches, borrow pits and shady areas. **ARC Centennial Canada Wildrye** is quick starting, but not long lived (four years) and should be seeded with slower developing longer-lived species.

**ARC Centennial Canada Wildrye** for forage has early spring green-up and good fall regrowth to provide spring and late fall grazing. As it matures the vegetation becomes less palatable.

### Vigor and Establishment

Good germination and vigorous seedlings make **ARC Centennial Canada Wildrye** easy to establish. Stands are difficult to maintain, and will decline over time.

### Quick Facts

Growth Habit	Flooding Tolerance	Drought Tolerance	Salt Tolerance	Soil pH	Soil Type	Seedling Vigor	Seeds/g (Seeds/lb)
Tall, erect Bunchgrass	Fair to good	Fair to good	Good	Neutral to weakly alkaline	Sandy, coarse to fine	Excellent	254 (115,000)