

Artillery™

Early Maturing Smooth Brome

Winter Hardy

Drought Tolerant

Early Maturity

Key features

- Rhizomatous
- High Yielding
- Long Lasting

Seeding Rate

Seeding rate: 15-20 lbs/acre

Artillery™ is an early maturing smooth brome that is rhizomatous, very productive and extremely drought tolerant. Artillery™ was selected for high stress conditions and adaptability across a wide range of climates and conditions whether that be drought in the south-central United Sates or the colder temperatures of the Northern regions of N. America. High levels of fertility are not essential with Artillery™ on most soils; however, on lighter soils an annual application of high N fertilizer is recommended unless it is growing with a legume.

Technical Information

Artillery™ is an early maturing, rhizomatous and long-lived cultivar developed from selections from arid regions of Turkey, Iran, Spain and Mongolia for improved drought tolerance. The population was then bred in Oklahoma by the USDA-ARS under stress conditions which included no irrigation and low-nitrogen inputs using multiple cycles of recurrent selection. Artillery™ exhibits exceptional tolerance to heat, drought and low nitrogen inputs. One of the key benefits of Artillery™ smooth brome is its adaptability. While designed as a southern type cultivar, it not only excels in the warmer climates of the south-central US but also performs very well in the colder temperatures of the northern US.

Establishment

A clean, firm seedbed is recommended. For dryland and irrigated ground, a seeding rate of 15-20#/acre is recommended with a seeding depth of ¼" to ½".

Management

Artillery™ is primarily used for forage production either as pasture or hay and is highly palatable to all classes of livestock. However, early and continuous grazing can damage the productivity of the stand. Grazing management that provides short periods of grazing followed by adequate rest periods will ensure vigorous product pastures, whether planted as a single species or in a mixture.

Trials

Artillery™ has been evaluated for forage performance and stress evaluations at locations in El Reno, OK, Ithaca, NY, Rock Springs, PA and Lexington, KY beginning in 2009. It has exhibited good yield and persistence within these trials.

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