

Atom Brome



Key Features

Atom is an alternative short-rotation option for high-quality feeding requirements. Atom has a higher tiller density than other prairie grass options. This has resulted in an unequalled tolerance of close, set stocked, grazing. High summer heat tolerance with high protein content makes Atom an ideal pasture for growth in young livestock and lactating dairy cattle. With no endophyte, it is also perfect for horse grazing.

Applications

Haylage
Pasture
Dry Hay

Planting Time

Spring & Fall

History and Development

Atom has a high nutrient-uptake capacity. As documented by Texas A&M, Atom can easily utilize soil nitrogen, making it an excellent remediation grass for dairies and feedlots. Atom is the option for cool-season grass production in hot summer regions. Even in Mediterranean climates, Atom can tolerate winter frost down to approximately 10 degrees F.

Management Keys

In well-drained soils of acceptable pH, Atom performs throughout the year as a quality feed for grazing and hay production. Under irrigation, Atom extends its cool-season production into the hottest summer regimes. This makes Atom a quality alternative to ryegrass. As for grazing applications, Atom should be on a rotational grazing system to maximize both production and persistence.

Characteristics

Dry Hay	5
Persistence	2
Forage Quality	3
Baleage	3
Silage	3

Scale 1-5 (1 = Poor, 5 = Excellent)

Seeding Rate

New Seeding - 20 -25 lbs/acre
Overseeding - 10-15 lbs/acre

Seeding Depth

No deeper than 1/4"

