



BARENBRUG[®]

BARRICADE

THE DRYLAND MIX FOR YOUR PASTURE.



Part of our Range Shield portfolio, Barricade is designed for new planting or inter-seeding into rangeland and dryland pastures in low rainfall areas (12-18 inches growing season precipitation). Barricade contains the latest varieties of grasses selected for germination, establishment and drought tolerance under low rainfall conditions.

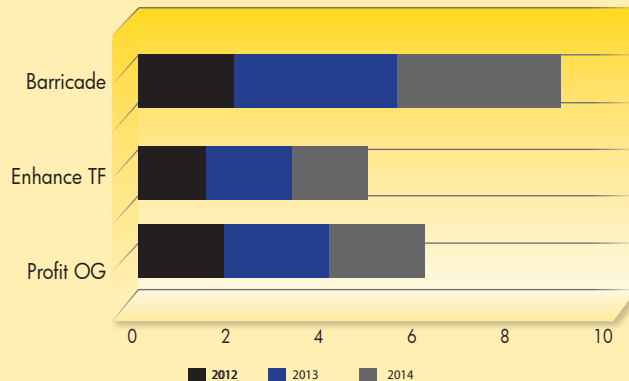
The seed in Barricade is enhanced with Barenbrug's exclusive Yellow Jacket brand seed coating which absorbs nearly 600 times its weight in water, which improves seed-to-soil contact and makes it ideal for rangeland seeding applications. The Yellow Jacket coating improves establishment in marginal conditions by keeping a layer of moisture around the developing seedling under less-than optimal soil moisture conditions.

Barricade is formulated from drought tolerant varieties of meadow, smooth and Alaska bromes, tall fescue and intermediate wheatgrass.



Picture: Barenbrug's Arsenal meadow brome on the right. Developed in conjunction with ARS/Utah State University from the original Cache meadow brome germplasm.

Forage Dry Matter Yield over 3 Years in Lincoln, Nebraska Dryland Trial



BARRICADE CONTAINS THE FOLLOWING IMPROVED VARIETIES:

Artillery Smooth Brome

- Rhizomatous
- Selected for drought tolerance
- Early maturing

Hakari Alaska brome

- Fast establishment
- Very late heading
- Improved yields of young stands

Drover Tall Fescue

- Endophyte free
- Improved seedling vigor
- High yielding and persistent

Intermediate Wheatgrass

- Responds well to limited irrigation
- Palatable to all livestock classes
- High levels of root production

Arsenal Meadow Brome

- Selected for seedling emergence, vigor and drought tolerance
- Good summer regrowth
- Bunch grass

20% Artillery smooth brome

20% Arsenal meadow brome

10% Hakari Alaska brome

25% Drover tall fescue

25% intermediate wheatgrass



ARTILLERY

DIONA

Artillery is a drought-tolerant, productive smooth brome grass. It was developed from selections from arid regions of Turkey, Iran, Spain and Mongolia. The developed population was then selected in Oklahoma high stress conditions that included no-irrigation with low nitrogen input. Artillery exhibits greater adaptation to Oklahoma environmental conditions than commercial check varieties.



CHARACTERISTICS:

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PLANTING RATES:

Planting rates vary from region-to-region depending on available moisture and seeding method. Seeding Rate: New Planting: drilled 15-20 lb./acre, broadcast 20-25 lb./acre; Over-seeding/Inter-seeding: drilled 5-10 lbs./acre, broadcast 10-15 lb./acre.

MANAGEMENT:

- Defer initial grazing until stand is 8 inches tall and firm rooted. This grazing must be light, leaving 4 – 6 inches of residual canopy.
- Where feasible on dryland and irrigate pasture, grass stands benefit from light applications of nitrogen (40 lb N/a).
- Avoid making hay on new irrigated seedings until the second year.

Like any grass stand:

- Barricade's performance will be enhanced by adaptive grazing management.
- Winter survival and spring green-up will be improved by proper fall grazing management.