



360 Forage

soil health + plant health + animal health

Shield MUSTARD

Brassica juncea

Purpose & Fit

High in potassium, calcium, and accumulated sulfur, Shield Mustard is a natural dewormer in livestock grazing systems.

Growth Pattern

An annual plant, mustard will completely cover the ground within 4-5 weeks and grow to a height of 30"-45". Flowering can occur 3-5 weeks after emergence, with taproots that extend 5 ft. into soils under dry conditions.

Climate & Soil

Mustard prefers well-drained loamy soils with sufficient moisture and is intolerant of drought and waterlogging. Although tolerant of low fertility soil, soils that are prone to crusting can cause problems. While mustard is tolerant of mild frosts, severe frosts can destroy the crop. Moisture stress during the flowering period will reduce yields.

Planting

Plant as early in the season as your local environment allows into a firm seedbed. Earlier seeding retains appropriate spring moisture levels, establishes an excellent canopy to outcompete weeds, and decreases the chances of damage from heat stress or frost. Mustard will make a perfect follow up in spring following corn or potatoes or winter following wheat.

Quick Data

Seeds/LB:
185,000 - 205,000

Optimum Growth Range:
25°F - 85°F

Seeding Depth:
0.50" Depth

Min Time To Emergence:
5 - 10 days (or after the first rain)

Planting Rate (Monoculture):
3 Lb/A - 4 Lb/A

Tons of Dry Matter an Acre:
1 (primarily utilized for quick forage)

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