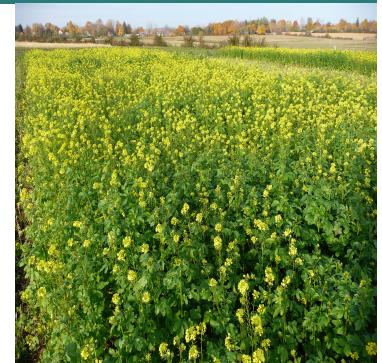


BRASSICA

Mustard *Brassica juncea*

 This data is based on expert opinion.



 Plant Hardiness Zone 7 Dataset

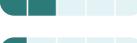
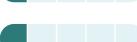
 View Photos

COVER CROP DESCRIPTION

"Mustard" encompasses several species including white/yellow mustard (*Sinapis alba*), Indian/brown mustard (*Brassica juncea*), and black mustard (*Brassica nigra*). Research & match varieties to your needs. Similar to other brassicas such as rapeseed/canola. Most commonly used for pest suppression and adding diversity to mixes. Contains the most bio-toxic compounds, best brassica for bio-fumigation (requires soil incorporation, etc.). With fertility, potential for fast fall growth, high biomass, good N scavenging. Not known for subsoiling, some varieties may not have taproot. Winter-hardiness, day-length response, other characteristics may vary by cultivar. If planted in the spring, may bolt (flower) before it can produce much biomass.

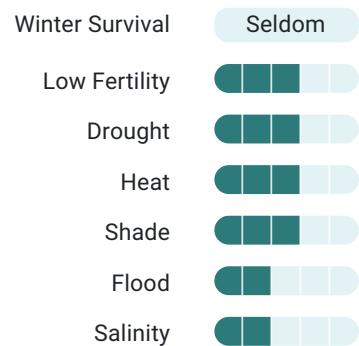
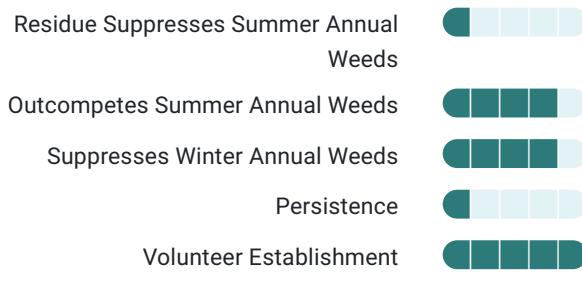


GOALS

Growing Window	Short	Penetrates Plow Pan	
Nitrogen Scavenging		Reduces Topsoil Compaction	
Lasting Residue		Improve Soil Organic Matter	
Prevent Fall Soil Erosion		Increase Soil Aggregation	
Prevent Spring Soil Erosion		Supports Mycorrhizae	
Promote Water Quality		Good Grazing	
Forage Harvest Value		Pollinator Food	

WEEDS

ENVIRONMENTAL TOLERANCES



BASIC AGRONOMICS

Duration Annual

Zone Use Emerging

Shape And Orientation Erect

Active Growth Period Fall

Spring

Summer

C:N

Dry Matter (Lbs/A/Yr) 500 - 2000

Soil Texture Fine

Medium

Soil PH 6 - 7.2

Soil Moisture Use Medium

Hessian Fly Free Date? No

Very Poorly Drained

Poorly Drained

Somewhat Poorly Drained

Moderately Well Drained

Well Drained

Excessively Drained

Saturated Muck

Well Drained Muck

GROWTH

Ease Of Establishment

Establishes Quickly

Early Spring Growth

Flowering Trigger Plant

Root Architecture Tap

Root Depth Medium

Inoculant Type None

PLANTING

Seeds Per Lb 283040

Seed Price Per Lb \$ \$ \$

Base Seeding Rate (Lbs/A) 5 - 15

Drilled Depth 0.25" - 0.5"

Can Aerial Seed? No

Can Frost Seed? No

Min Germination Temp (°F) 40

TERMINATION

TERMINOLOGY

Tillage At Vegetative	
Tillage At Flowering	
Freezing At Vegetative	
Freezing At Flowering	
Chemical At Vegetative	
Chemical At Flowering	
Mow At Flowering	
Roller-Crimp At Flowering	

PLANTING DATES

Frost Seeding	N/A
Reliable Establishment	08/20 - 09/05
Temperature/Moisture Risk	N/A
Can Interseed	N/A