BRASSICA

Rapeseed, Forage Brassica napus

This data is based on expert opinion.

100 x 100



Plant Hardiness Zone 7 Dataset



View Photos

COVER CROP DESCRIPTION

Excellent fall-planted cover crop choice. Winter-hardy Brassica. Generally winter-hardy if seeded during the optimum planting window; cultivars vary in cold hardiness. With adequate residual soil fertility, provides good biomass, forage, deep branched taproot, N scavenging, weed suppression. Spring flowers attract pollinators. Low cost to seed. Range of cultivar choices (canola for seed, hybrids for grazing, etc.), characteristics may differ. Good in mixes, but plant at low end of seeding rate to prevent it from outcompeting other cover crops in the mix. Can be hard to kill in late spring with herbicides or tillage. "Dwarf Essex" is a commonly-grown cultivar.

GOALS

Growing Window

Long

Penetrates Plow Pan



Nitrogen Scavenging

Lasting Residue

Reduces Topsoil Compaction Improve Soil Organic Matter



Prevent Fall Soil Erosion Prevent Spring Soil Erosion

Supports Mycorrhizae

Increase Soil Aggregation



Promote Water Quality

Forage Harvest Value

Good Grazing

Pollinator Food



WEEDS

Residue Suppresses Summer Annual

Weeds



Outcompetes Summer Annual Weeds



Suppresses Winter Annual Weeds Persistence



ENVIRONMENTAL TOLERANCES

Winter Survival Expected Low Fertility

Drought

Shade

Flood

Heat

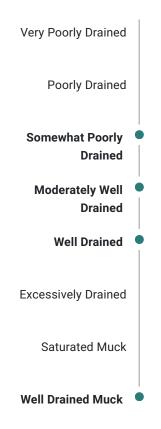


Volunteer Establishment

BASIC AGRONOMICS

SOIL DRAINAGE

Duration	Annual
Zone Use	Emerging
Shape And Orientation	Erect
Active Growth Period	Winter
C:N	
Dry Matter (Lbs/A/Yr)	1000 - 2500
Soil Texture	Fine
	Medium
Soil PH	6 - 7.2
Soil Moisture Use	Medium
Hessian Fly Free Date?	No



GROWTH

PLANTING

Ease Of Establishment	
Establishes Quickly	
Early Spring Growth	
Flowering Trigger	
Root Architecture	Тар
Root Depth	Deep
Inoculant Type	None

Seeds Per Lb	156960
Seed Price Per Lb	66
Base Seeding Rate (Lbs/A)	7 - 12
Drilled Depth	0.25" - 0.5"
Can Aerial Seed?	No
Can Frost Seed?	No
Min Germination Temp (°F)	41

TERMINATION

PLANTING DATES

Tillage At Vegetative	
Tillage At Flowering	
Freezing At Vegetative	
Freezina At Flowerina	

Frost Seeding N/A

Reliable Establishment 09/01 - 09/25

Temperature/Moisture Risk N/A

Can Interseed

N/A

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