BRASSICA

Radish, Forage Raphanus sativus

This data is based on expert opinion.





Plant Hardiness Zone 7 Dataset



✓ View Photos

COVER CROP DESCRIPTION

Also known as Daikon or tillage or oilseed radish. Excellent fall-planted choice if winter-kill is desired. Fastest-growing fall cover crop option if good fertility is present. Top weed suppressor. Winter-killed residues disappear and release N rapidly (positive or negative depending on your goals and following cash crop). May overwinter in unusually warm winters in zone 7, or if snow cover is present to buffer temperature extremes. Plant early and plant at the low end of the recommended seeding rate for large, lush plants that are more likely to winter-kill. Plant late and plant at the high end of the recommended seeding rate for smaller plants that are more winter-hardy. Acts differently when planted in spring: much less root and top growth, bolts and flowers very quickly. Attractive white flowers. Thus, plant in spring primarily to add fast bloom, diversity to mixes. Some varieties may differ in sensitivity to daylength and thus may be slower to bolt in spring. Terminate prior to seed set to prevent it from becoming a weed. Good in mixes, especially with peas and oats, but plant at low end of the recommended seeding rate range to prevent it from out-competing companions. Plant in mix with a winter-hardy grass such as cereal rye if N leaching over winter/early spring is a concern. Some oilseed radish varieties have less vigorous top growth and thinner, often forked root, and slower to bolt in fall than other Daikon-type radishes..









GOALS

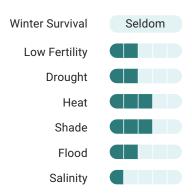
Growing Window Short Nitrogen Scavenging Lasting Residue Prevent Fall Soil Erosion Prevent Spring Soil Erosion **Promote Water Quality** Forage Harvest Value

Penetrates Plow Pan **Reduces Topsoil Compaction** Improve Soil Organic Matter Increase Soil Aggregation Supports Mycorrhizae **Good Grazing** Pollinator Food

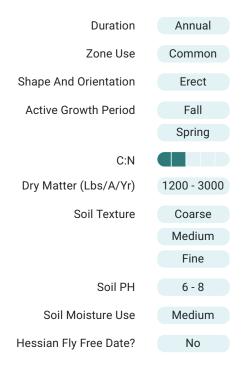
WEEDS

Residue Suppresses Summer Annual Weeds Outcompetes Summer Annual Weeds Suppresses Winter Annual Weeds Persistence Volunteer Establishment

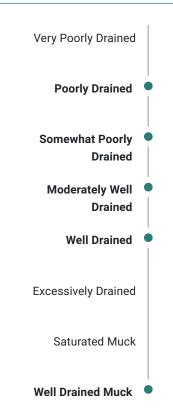
ENVIRONMENTAL TOLERANCES



BASIC AGRONOMICS



SOIL DRAINAGE



GROWTH

Ease Of Establishment Establishes Quickly Early Spring Growth Flowering Trigger Root Architecture Tap Root Depth Deep

PLANTING

Seeds Per Lb	20000
Seed Price Per Lb	
Base Seeding Rate (Lbs/A)	5 - 12
Drilled Depth	0.25" - 0.75"
Can Aerial Seed?	No
Can Frost Seed?	

Inoculant Type None No

Min Germination Temp (°F) 45

TERMINATION

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 08/10 - 09/01

Temperature/Moisture Risk N/A

Can Interseed N/A