


## 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

Penetrates Plow Pan



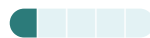
Nitrogen Scavenging



Reduces Topsoil Compaction



Lasting Residue



Improve Soil Organic Matter



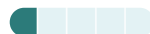
Prevent Fall Soil Erosion



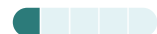
Increase Soil Aggregation



Prevent Spring Soil Erosion



Supports Mycorrhizae



Promote Water Quality



Good Grazing



Forage Harvest Value



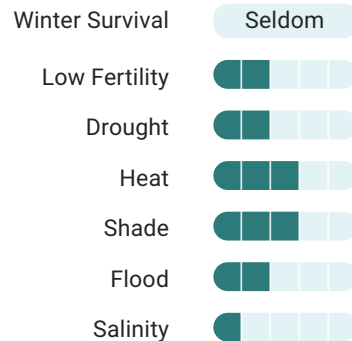
Pollinator Food



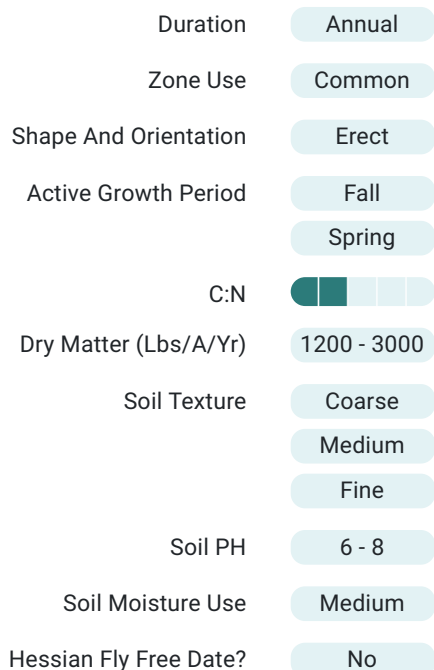
## WEEDS



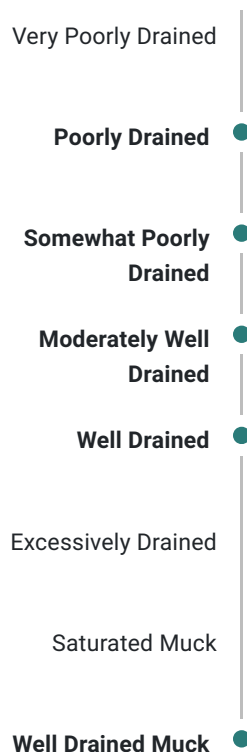
## ENVIRONMENTAL TOLERANCES



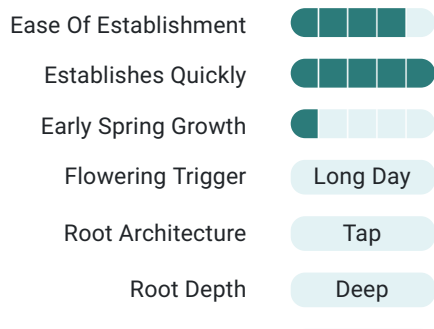
## BASIC AGRONOMICS



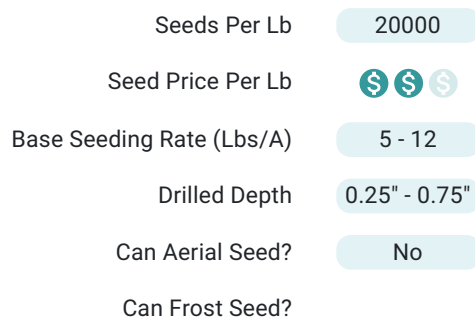
## SOIL DRAINAGE



## GROWTH



## PLANTING

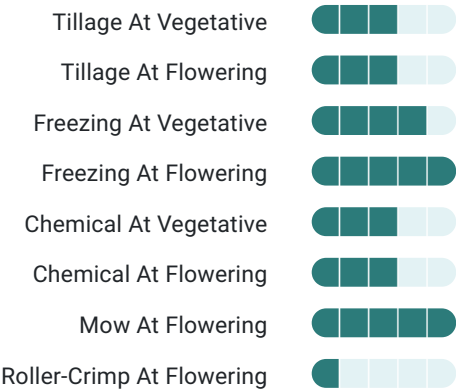


Inoculant Type None

No

Min Germination Temp (°F) 45

TERMINATION



PLANTING DATES

