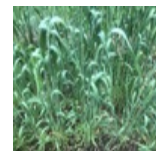


Grass
Wheat, Spring
Triticum aestivum



PLANT HARDINESS ZONE 4 DATASET

COVER CROP DESCRIPTION

Common cover crop. Does not need vernalization (overwintering) to flower. Much less likely than winter wheat to overwinter if planted in fall. Very good N scavenger. Excellent quality forage. After well-timed grazings can still produce spring biomass or grain. Not for small grain cash crop rotations (host for same diseases and pests). Fine nurse crop for legumes. Mixes well with winter peas, hairy vetch. Shorter, slower to head means residue easier to manage than rye. Matures later in spring, tolerates wetness better (but not flooding), higher spring biomass potential (but requires high fertility) than barley.

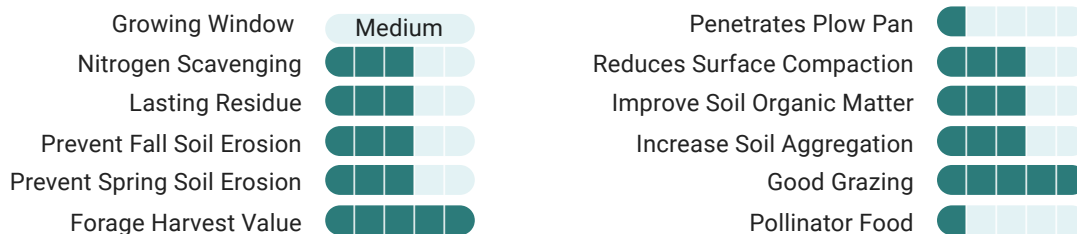


Wheat, Spring - Ackroyd [2020]

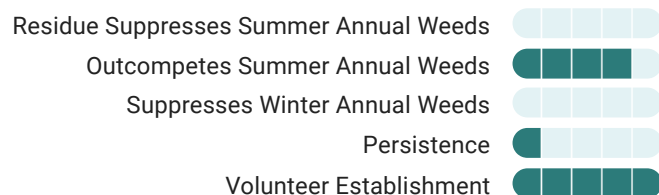


Wheat, Spring - Salon [2020]

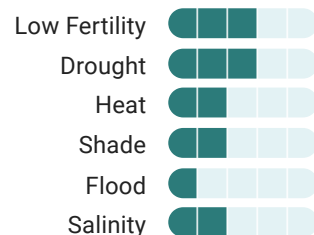
GOALS



WEEDS



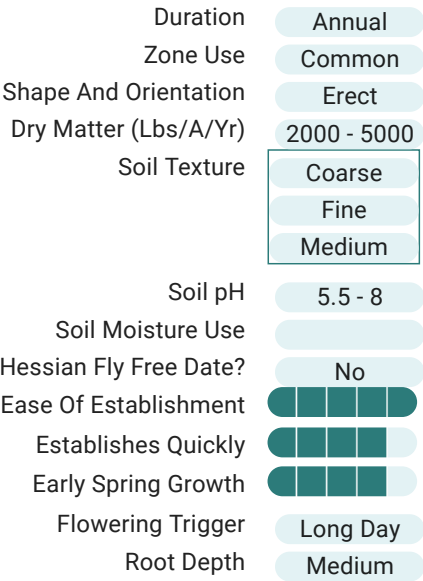
ENVIRONMENTAL TOLERANCES



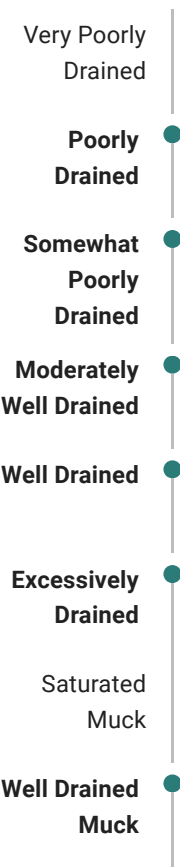


PLANT HARDINESS ZONE 4 DATASET

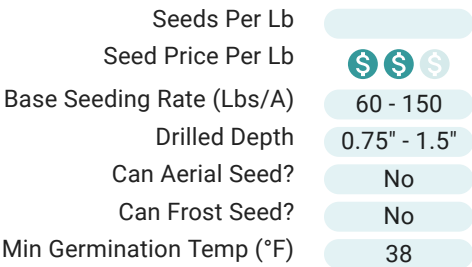
Growth Traits



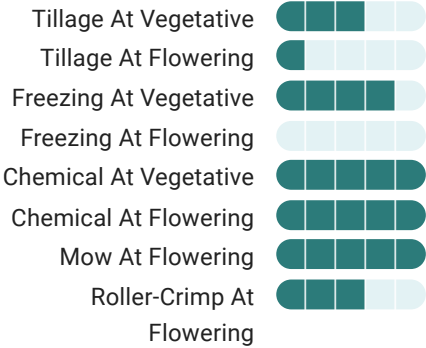
Soil Drainage



Planting



Termination





PLANT HARDINESS ZONE 4 DATASET

Planting and Growth Windows

Frost Seeding

Reliable Establishment

Temperature/Moisture Risk

Active Growth Period

N/A

04/15 - 08/30

09/01 - 09/07

Fall

Spring

Never

N/A

Winter Survival

Can Interseed

Jan

Feb

Mar

Apr

May

Jun

Jul

Aug

Sep

Oct

Nov

Dec

Extended Comments

Basic Agronomics: Hessian fly free date is a proxy for cereal rust date as well (after which cereal rust is less of a risk).

Weeds: If planted in rotation with other small grains within a year there can be disease problems (especially with tan spot). If alfalfa is to be planted after the small grain, kill small grain volunteer plants with an herbicide.

Disease: May reduce sclerotinia. If planted in rotation with other small grains within a year there can be disease problems (especially with tan spot). If alfalfa is to be planted after the small grain, kill small grain volunteer plants with an herbicide.

Goals: For suppressing winter annuals, must be planted by early fall (early September).

References & Resources