

Grass
Teff
Eragrostis tef



PLANT HARDINESS ZONE 5 DATASET

COVER CROP DESCRIPTION

Warm-season annual native to Africa. High heat and drought tolerance. Needs heat to grow well. Excellent weed suppressor, fine foliage leaves a clean field for the following crop. Good for forage/hay. Low risk of setting seed, so unlikely to become a volunteer problem. All seed sold is coated due to tiny seed size.



Teff - Brown [2020]

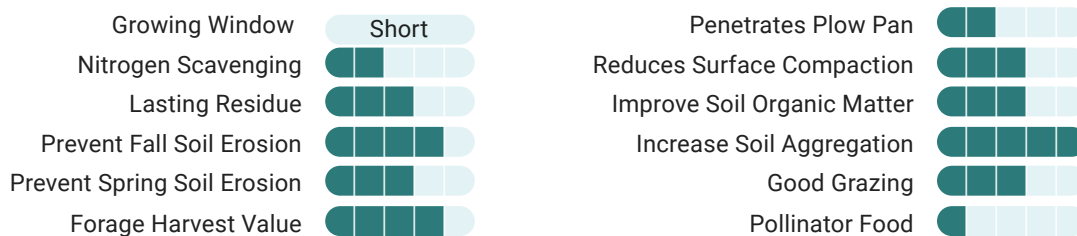


Teff - Brown [2020]

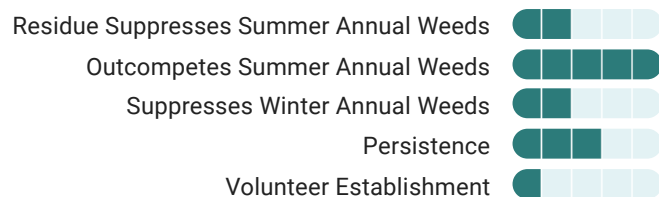


Teff - Brown [2020]

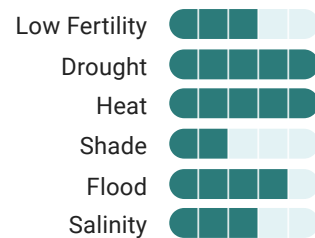
GOALS



WEEDS



ENVIRONMENTAL TOLERANCES



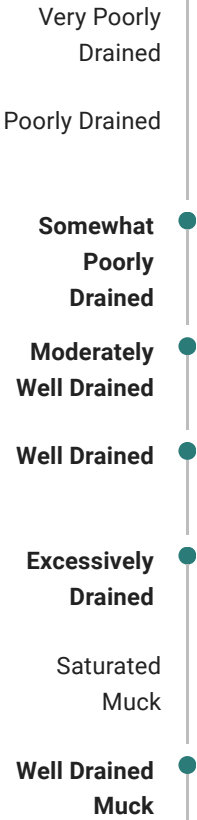


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Growth Traits

Duration	Annual
Zone Use	Emerging
Shape And Orientation	Erect
Dry Matter (Lbs/A/Yr)	500 - 5000
Soil Texture	Coarse
	Medium
Soil pH	5.5 - 7.5
Soil Moisture Use	Low
Hessian Fly Free Date?	No
Ease Of Establishment	<div><div></div><div></div><div></div><div></div><div></div></div>
Establishes Quickly	<div><div></div><div></div><div></div><div></div><div></div></div>
Early Spring Growth	<div><div></div><div></div><div></div><div></div><div></div></div>
Flowering Trigger	Intermediate
	Low
Root Depth	Medium

Soil Drainage



Planting

Seeds Per Lb	1300000
Seed Price Per Lb	\$ \$ \$
Base Seeding Rate (Lbs/A)	5 - 10
Drilled Depth	0.125" - 0.25"
Can Aerial Seed?	No
Can Frost Seed?	No
Min Germination Temp (°F)	65

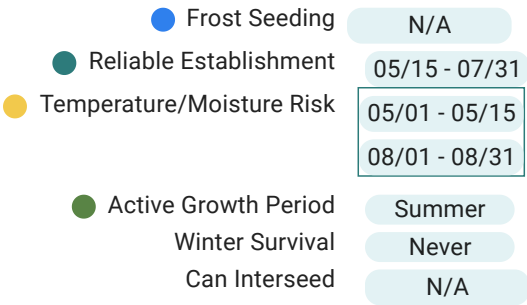
Termination

Tillage At Vegetative	<div><div></div><div></div><div></div><div></div><div></div></div>
Tillage At Flowering	<div><div></div><div></div><div></div><div></div><div></div></div>
Freezing At Vegetative	<div><div></div><div></div><div></div><div></div><div></div></div>
Freezing At Flowering	<div><div></div><div></div><div></div><div></div><div></div></div>
Chemical At Vegetative	<div><div></div><div></div><div></div><div></div><div></div></div>
Chemical At Flowering	<div><div></div><div></div><div></div><div></div><div></div></div>
Mow At Flowering	<div><div></div><div></div><div></div><div></div><div></div></div>
Roller-Crimp At Flowering	<div><div></div><div></div><div></div><div></div><div></div></div>



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Planting and Growth Windows



Extended Comments

Basic Agronomics: Dry matter highly dependent on planting and termination date and precipitation. Caution with grazing due to shallow root system.

Planting: Seeding rates are for pelleted seed; if using unpelleted seed drop rate to 3 lbs/A. Daylength sensitive; plan before mid-July to maximize biomass production.

Termination: can effectively terminate by mowing in fall only. Roller-crimper not effective.

Growth, Roots, and Nutrients: Needs to be seeded shallowly. Extremely fine seed may require modification of planting equipment. Very firm seedbed.

Forage and Grazing: In theory should be good forage, but may not perform reliably in cool summer areas.

Nematodes: Supports reproduction of some root-knot nematode species/races.

References & Resources

Cover Crops and Green Manures (New England Vegetable Management Guide), University of Massachusetts Extension
Teff, Cornell University Cooperative Extension