GRASS

Triticale, Winter *X Triticosecale*

This data is based on expert opinion.

Plant Hardiness Zone 7 Dataset

View Photos

COVER CROP DESCRIPTION

A cross between rye and wheat, with characteristics intermediate between the two. High biomass yield potential is similar to wheat and rye. Matures later than rye, a little later than wheat. Plant height at heading is shorter than rye. Therefore, spring residue is easier to manage than rye and (assuming same kill date) C:N ratio will be slightly lower than rye. Triticale feed quality is generally better than rye, but not as good as wheat (i.e. chop triticale for silage at boot stage). Spring triticale varieties do not require vernalization (overwintering) to flower and may be less cold hardy than winter triticale varieties if planted in the fall.

GOALS

Growing Window	Long	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

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

Winter Survival	Expected
Low Fertility	
Drought	
Heat	
Shade	
Flood	
Salinity	

BASIC AGRONOMICS

Duration	Annual
Zone Use	Common
Shape And Orientation	Erect
Active Growth Period	Winter
C:N	
Dry Matter (Lbs/A/Yr)	2000 - 5000
Soil Texture	Coarse
	Medium
	Fine
Soil PH	5.5 - 8
Soil Moisture Use	Medium
Hessian Fly Free Date?	No

SOIL DRAINAGE

- Very Poorly Drained
- Poorly Drained
- **Somewhat Poorly Drained**
- **Moderately Well Drained**
- **Well Drained**
- Excessively Drained
- Saturated Muck
- **Well Drained Muck**

GROWTH

Ease Of Establishment	
Establishes Quickly	
Early Spring Growth	
Flowering Trigger	Vernalization
Root Architecture	Fibrous
Root Depth	Medium
Inoculant Type	None

PLANTING

Seeds Per Lb	12000
Seed Price Per Lb	$
Base Seeding Rate (Lbs/A)	40 - 90
Drilled Depth	0.75" - 1.5"
Can Aerial Seed?	No
Can Frost Seed?	No
Min Germination Temp (°F)	38

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	09/21 - 11/15
Temperature/Moisture Risk	N/A
Can Interseed	N/A