BROADLEAF

Buckwheat Fagopyrum esculentum

This data is based on expert opinion.



Plant Hardiness Zone 7 Dataset

View Photos

COVER CROP DESCRIPTION

Low-growing summer annual. Popular summer cover crop. Needs warm conditions, but very low tolerance to drought or high heat. Fine root system good for topsoil conditioning, but not subsoiling. Purported to be good for unlocking soil phosphorus (P). Excellent weed suppressor due to very fast growth (not allelopathy). Blooms and extrafloral nectaries excellent for pollinators and other beneficial organisms. High risk of reseeding: kill or mow within 7-10 days after first bloom. Sets seed faster than all other covers - if reseeding is a concern, don't grow in mixes. Easy to kill.











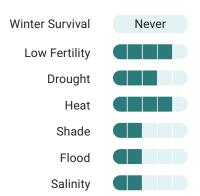
GOALS

Very Short **Growing Window** 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

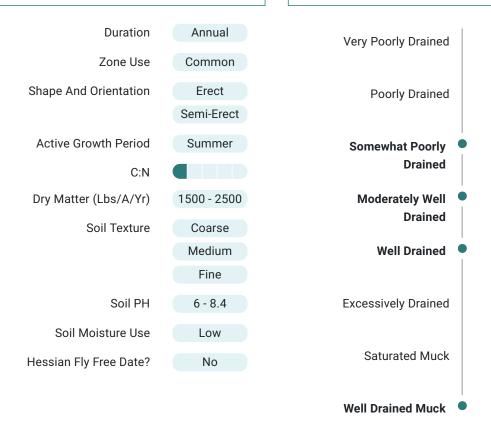
ENVIRONMENTAL TOLERANCES





BASIC AGRONOMICS

SOIL DRAINAGE



GROWTH

PLANTING

		Ease Of Establishment
		Establishes Quickly
В		Early Spring Growth
	Plant Size	Flowering Trigger
	Fibrous	Root Architecture
	Medium	Root Depth
M	None	Inoculant Type

Seeds Per Lb	20000
Seed Price Per Lb	
Base Seeding Rate (Lbs/A)	30 - 80
Drilled Depth	0.5" - 1"
Can Aerial Seed?	No
Can Frost Seed?	No
Min Germination Temp (°F)	50

TERMINATION

PLANTING DATES

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

Frost Seeding N/A

Reliable Establishment 04/28 - 08/15

Temperature/Moisture Risk N/A

Can Interseed N/A