

WYO WINTER PEA

A selection out of Austrian Winter pea for improved winter hardiness.

WyoWinter Pea was developed by the University of Wyoming and the Wyoming Agricultural Experiment Station as an improvement on Austrian Winter pea.

WyoWinter has a yellow cotyledon and produces purple flowers. It is ideal for forage production, wildlife, feed grain, and for cover cropping. It has shown excellent winter hardiness in SE Wyoming and NW Nebraska and seems to be well adapted to the midstates.

In the October of 2019, researchers with the University of Tennessee planted extensive cover crop trials in three Tennessee locations – Knoxville, Spring Hill, and Milan. In addition to assessments of nitrogen content and release, assessment were conducted for ground cover, biomass and height. The data below reflects averages of all three sites.

Establishment

Seeding Rate: 60-100 lb/A

Seeding Depth: 1–3”.

Seeding Dates: Fall

University of Tennessee

Biomass, Canopy Cover, and Height

Three Location Average | 2019-2020

Variety	Biomass (Tons DM/A)		Canopy Cover (%)		Height (in)			
	Apr	May	Nov	Feb	Nov	Feb	Apr	May
WyoWinter	0.8	1.9	7	43	4	4	14	26
Windham	0.6	1.8	7	31	4	2	7	18

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Nitrogen Content/Estimated Nitrogen Release

Three Location Average | 2019-2020

Variety	Biomass (Tons DM/A)		Total Nitrogen (%)		Est. N Released: April Termination (lbs/ac)			Est. N Released: May Termination (lbs/ac)		
	April	May	April	May	2 wks.	4 wks.	12 wks	2 wks.	4 wks.	12 wks
WyoWinter	0.8	1.9	3.3	3.2	1.7	4.0	24.7	3.3	8.0	59.3
Windham	0.6	1.8	3.6	3.0	1.3	3.3	19.7	3.0	7.3	56.7

Southeast
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