

Keystone Winter Green Pea

Data from 2015 – 2019 replicated trials conducted in the Inland Northwest by Highline Grain Growers, U of Idaho, WSU Extension and ProGene Plant Research

Variety	Ave Yld as % of Windham	Green Ht in Inches	Dry Ht in Inches	Lodging Index	Seed size g/100 sds
Keystone	102	44.6	25.6	.57	18.4
Windham (yellow)	100	32.3	23.7	.73	15.9
Granger (AWP)	93	47.3	14.6	.31	



Green Winter Pea **Keystone** was named after the winter ski area in Colorado.

Left is Nancy Powell, ProGene Pulse Breeder, standing in a Keystone field east of Genesee, Idaho. Field was dormant direct seeded at 300,000 seeds per acre in the fall of 2018.

Strong stooling capability of winter peas (including Keystone) allow for planting for a plant population of about two thirds that of spring peas.

Picture to Right is from Ben Herman’s Cab as he harvests the same field of Keystone Winter Peas in Early August, 2019.

Yield: This field of Keystone was slightly over 3,000 pounds per acre payable over 105 acres. Yield data is difficult to compare winter peas to spring peas. However with knowing the 2019 field production yields we can see that yields of winter peas range from 20-60 percent above spring peas.

Growth Habit: Keystone is a semi-leafless stand up winter pea with good height and stronger early growth for a winter pea. It is suited for direct harvest with a wheat header or flex header.



Winter Durability: Keystone winter durability is **good** and similar to Granger AWP. Growers should always shoot for 2 ½ inches minimum seeding depth to further improve winter durability whether planting early conventional or dormant seeding. Direct seeding also improves winter durability.

Seed Type and Market: Keystone is a food grade green pea with improved seed size. Keystone has a slight dimple and is now being tested in markets suited for these seed characteristics.