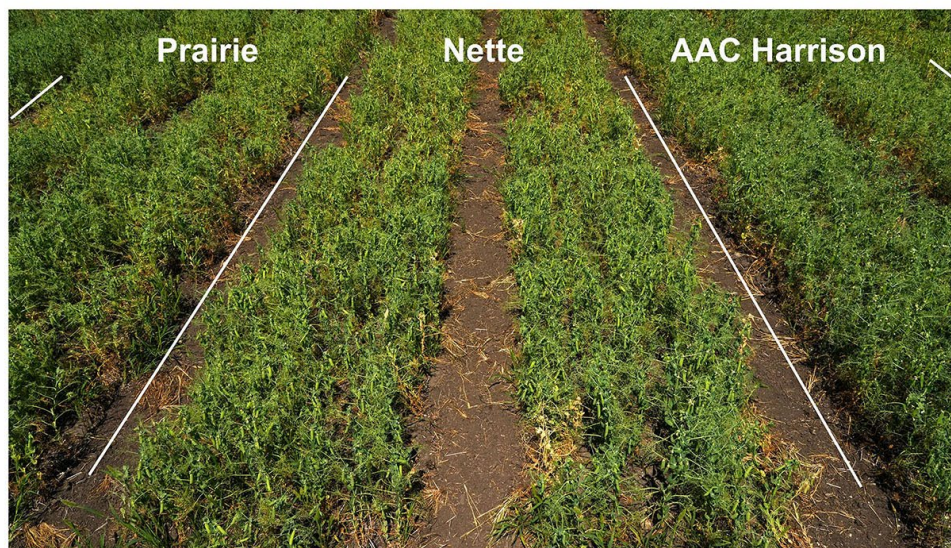


Field pea variety performance under severe *Aphanomyces* and *Fusarium* root rot pressure

Webster, ND on-farm study (2025); May 12 planting date

Photos taken July 14, 2025. Shown are the full 30-foot plot lengths in a small-plot variety study.

All varieties and treatments are being tested in a randomized pattern five times in each of two planting dates; shown are results from one of the five times each variety was tested in the May 12 planting date. Each variety was tested with and without fungicide seed treatment (non-treated versus VibranceMaxx Pulses RTA @ 5 fl oz/100 lbs seed + Vayantis 0.1 fl oz/100 lbs seed)

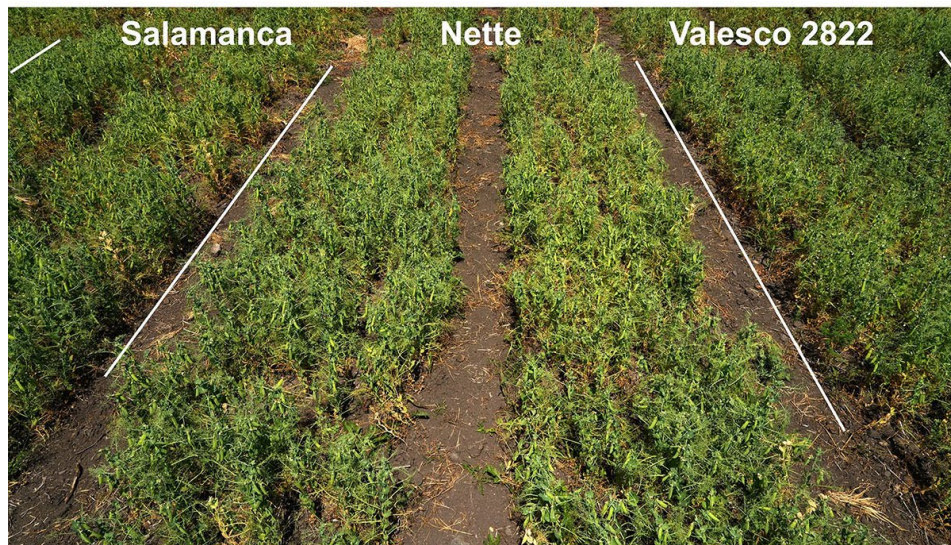


Field pea variety performance under severe *Aphanomyces* and *Fusarium* root rot pressure

Webster, ND on-farm study (2025); May 12 planting date

Photos taken July 14, 2025. Shown are the full 30-foot plot lengths in a small-plot variety study.

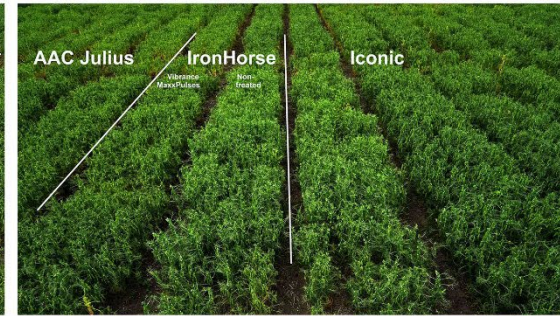
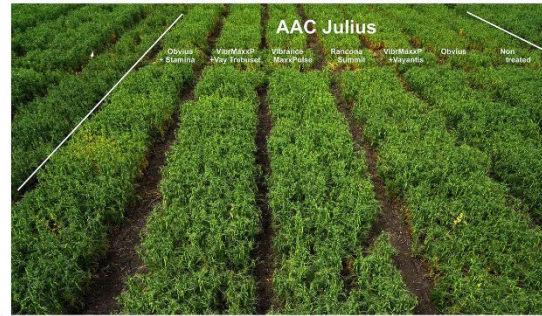
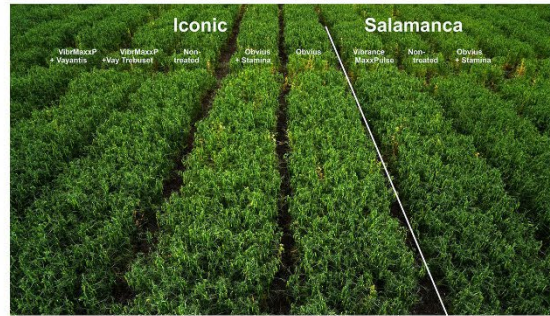
All varieties and treatments are being tested in a randomized pattern five times in each of two planting dates; shown are results from one of the five times each variety was tested in the May 12 planting date. Each variety was tested with and without fungicide seed treatment (non-treated versus VibranceMaxx Pulses RTA @ 5 fl oz/100 lbs seed + Vayantis 0.1 fl oz/100 lbs seed)



Field pea variety performance under severe Aphanomyces and Fusarium root rot disease pressure

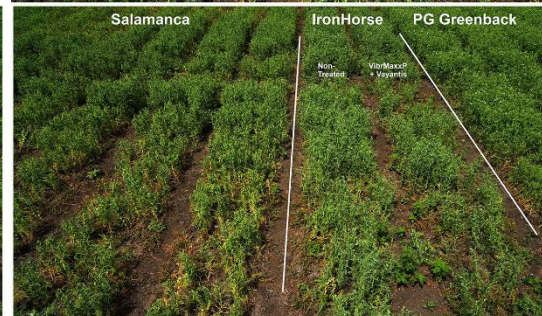
Webster, ND on-farm study (2025) May 4 planting date

Photos taken July 14, 2025. Shown are first ~50 to 60 feet of 150-foot strips in one replicate of the study.



Webster, ND on-farm study (2025) May 13 planting date

Photos taken July 14, 2025. Shown are first ~50 to 60 feet of 150-foot strips in one replicate of the study.



All varieties and treatments are being tested in a randomized pattern four times in each of two planting dates; shown are results from one of the four times each variety was tested in the second planting date. AAC Julius, Iconic, Salamanca and PG Greenback were tested with non-treated seed, Obvius @ 4.6 fl oz/100 lbs, Obvius 4.6 fl oz + Stamina @ 1.5 fl oz/100 lbs, VibranceMaxx Pulses RTA @ 5 fl oz/100 lbs seed, VibranceMaxx Pulses RTA 5 fl oz + Vayantis 0.1 fl oz/100 lbs seed: VibranceMaxx Pulses RTA 5 fl oz + Vayantis 0.1 fl oz + Trebuset 0.614 fl oz/100 lbs seed, and Rancona Summit 4 fl oz/100 lbs seed. AAC IronHorse was tested as non-treated seed versus VibranceMaxx Pulses RTA 5 fl oz + Vayantis 0.1 fl oz/100 lbs.

Figure 1 displays six aerial photographs of soybean plots, arranged in a 2x3 grid. Each photograph shows a field with various soybean genotypes and treatments, labeled with white text and lines pointing to the corresponding plots. The plots are arranged in a grid-like fashion, with white lines separating them. The genotypes and treatments labeled include: Orchestra, Valesco 2822, AAC McMurphy, PG Greenback, PG Bank, PG Cash, Iconic, Salamanca, AAC IronHorse, AAC Harrison, AAC Profit, and AAC IronHorse. The plots show varying degrees of green color, indicating different levels of chlorophyll content and growth.

Pictures taken July 14, 2025; shown is variety performance in two of six experimental replicates.

All varieties and treatments are being tested in a randomized pattern six times in each of four planting dates; shown are results from two of the six times each variety was tested in the second planting date. Iconic and AAC Julius were tested with non-treated seed versus Obvius @ 4.6 fl oz/100 lbs, Obvius 4.6 fl oz + Stamina @ 1.5 fl oz/100 lbs, VibranceMaxx Pulses RTA @ 5 fl oz/100 lbs seed, VibranceMaxx Pulses RTA 5 fl oz + Vayantis 0.1 fl oz/100 lbs seed: VibranceMaxx Pulses RTA 5 fl oz + Vayantis 0.1 fl oz + Trebuset 0.614 fl oz/100 lbs seed, and Rancona Summit 4 fl oz/100 lbs seed. All other varieties were tested as non-treated seed versus VibranceMaxx Pulses RTA 5 fl oz + Vayantis 0.1 fl oz/100 lbs.









































Field pea variety performance under severe *Aphanomyces* and *Fusarium* root rot pressure Carrington, ND (2025)

Pictures taken July 10, 2025;
shown is variety performance
in two of six experimental
replicates.

Yellow = plants wilted due to Aphanomyces and Fusarium root rot.

All varieties and treatments are being tested in a randomized pattern six times in each of four planting dates; shown are results from two of the six times each variety was tested in the earliest two planting dates.

Fungicide seed treatment:
VibranceMaxx Pulses RTA @ 5 fl oz/100 lbs seed
+ Vayantis 0.1 fl oz/100 lbs seed

Carrington		Carrington		Carrington		Carrington	
May 5 planting date		May 5 planting date		April 24 planting date		April 24 planting date	
AAC McMurphy Non-treated			AAC McMurphy VibranceMaxx Pulses + Vayantis			AAC McMurphy Non-treated	
							
Orchestra Non-treated			Orchestra VibranceMaxx Pulses + Vayantis			Orchestra Non-treated	
							
Prairie Non-treated			Prairie VibranceMaxx Pulses + Vayantis			Prairie Non-treated	
							
AAC Profit Non-treated			AAC Profit VibranceMaxx Pulses + Vayantis			AAC Profit Non-treated	
							
Salamanca Non-treated			Salamanca VibranceMaxx Pulses + Vayantis			Salamanca Non-treated	
Valesco 2822 Non-treated			Valesco 2822 VibranceMaxx Pulses + Vayantis			Valesco 2822 Non-treated	