

## Evaluation of Foliar Fungicides on Field Pea at Hettinger

This project was funded by BASF Corp.

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'CDC Mozart' yellow field pea was seeded on April 18. Treatments were applied on June 21 to peas at the 5% bloom stage. Foliar diseases were not observed. Treatments were applied with a tractor mounted CO<sup>2</sup> propelled plot sprayer delivering 20 gpa at 40 psi to 5 foot wide by 20 foot long plots. The trial was sprayed with 9 oz/acre Assure II to control grassy weeds on May 19. The trial was a randomized complete block design with four replications. Plots were evaluated for pod diseases and crop injury 15 days after treatment (July 6) and 30 days after treatment (July 20). The trial was harvested on July 29.

Treatment	Application Rate	- 15 DAT - Pea Dis.	- 30 DAT - Pea Dis.	Test Weight	Seed Yield
	oz/Ac	----- % Injury -----		lbs/bu	bu/ac
1 Headline	6	0	0	61.4	23.3
2 Headline + NIS	6 + 0.25%	0	0	61.8	23.1
3 Endura + NIS	8 + 0.25%	0	0	62.1	23.5
4 Kumulus	80	0	0	62.4	22.9
5 Amistar	3	0	0	62.2	24.0
6 Quadris Opti	25.6	0	0	61.2	21.7
7 Untreated		0	0	62.4	21.9
Trial Mean		0	0	61.9	22.9
C.V. %		0	0	1.7	14.4
LSD .05		--	--	NS	NS

### Summary

Fungal diseases were not observed on leaf or pod tissue. Bacterial blight was observed on pods late in the season but hot and dry weather conditions were not favorable for secondary fungal infections. None of the treatments caused any noticeable crop injury. Test weights and seed yields were not significantly different than the untreated check.