Field Pea Foliar Fungicide Trial

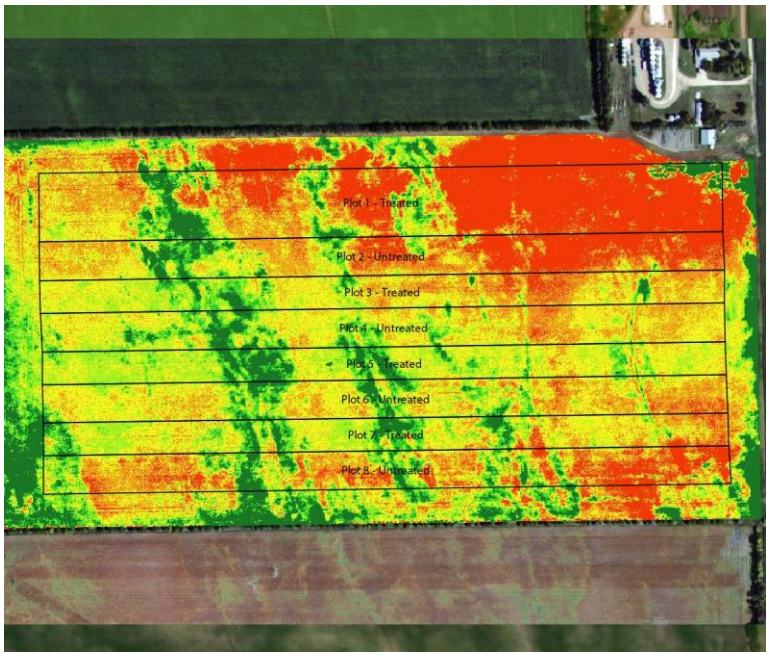
Trial ID: 2018-PF03 – R.M. of Rhineland

Objective: Quantify the agronomic and economic impacts of foliar fungicides in field peas. One application of fungicide was compared to two applications of fungicide. The first application was Priaxor and the second application was Dyax. There was no untreated check strip within this trial.

TRIAL INFORMATION

Treatment	Priaxor 1st app vs. Priaxor 1st app and Dyax 2nd app
Rural Municipality	Rhineland
Previous Crop	Corn
Soil Texture	Clay Loam
Tillage	Conventional
Planting Date	April 30, 2018
Variety	LaCombe
Row Spacing	7.5”
Seeding Rate	180 lbs/ac
App Date – Priaxor	June 20, 2018
App Timing – Priaxor	First Flower
App Rate – Priaxor	120 ml/ac (80 ac/jug)
App Method – Priaxor	Ground
App Date – Dyax	June 30, 2018
App Timing – Dyax	Late Flower
App Rate – Dyax	160 ml/ac (60 ac/jug)
App Method – Dyax	Ground
Harvest Date	August 6, 2018

NDVI FIELD IMAGE – JULY 28, 2018



PRECIPITATIONǂ

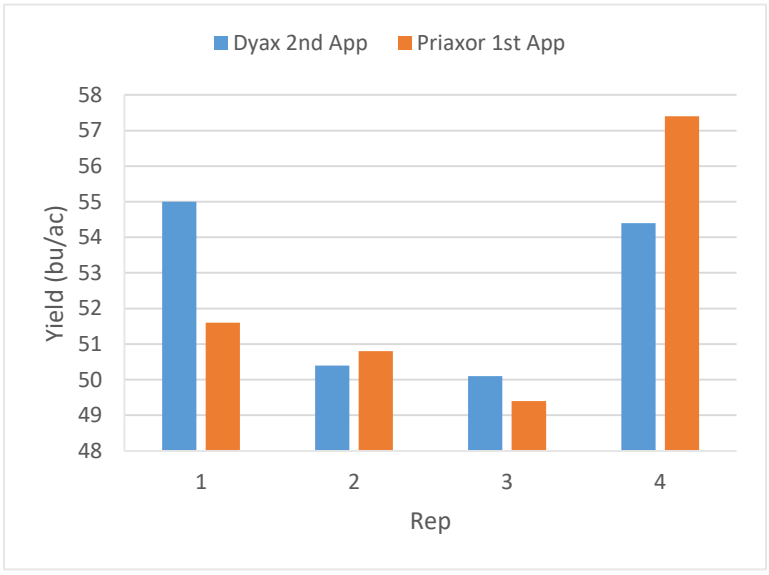
	May	June	July	Aug
Rainfall	34	44	39	42
Normal	56	85	75	66

ǂ Growing season precipitation (mm)

OVERALL YIELD

	Mean (bu/ac)
Priaxor - 1st App + Dyax 2nd App	52.5
Priaxor - 1st App	52.3
Yield Difference	0.2
P-Value	0.9033
CV	5.5%
Significance	**No**

STRIP YIELD



Summary: There was no significant yield difference between a single application of Priaxor applied at first flower and a single application of Priaxor applied at first flower followed by an application of Dyax applied 10 days later. There was a visual colour difference observed at harvest between the two treatments but did not result in a yield difference. Rainfall was below for the entire growing season. There was no untreated check within this trial.

MPSG would like to thank BASF for providing the Dyax for this trial

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