

Fungicide Application at Bloom in Spring and Winter Canola

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Methods

- Fungicides were applied at full labeled rate
- 15 gallon per acre carrier volume
- Fungicide application occurred during bloom
 - Winter canola at Davenport was sprayed during 10% bloom.
 - All other sites were sprayed during 50% bloom.
- Two varieties were included in small plot trials at Pullman and Davenport to examine the varietal response to fungicide application
- Partnered with Ag Drones Northwest to apply fungicides via drone at large strip trials near Reardan and Fairfield

2024 Strip Trials Applying Fungicide at Bloom in Eastern Washington				
Treatment	Spring Canola		Winter Canola	
	Reardan	Fairfield	Wilbur	Davenport
	<i>lbs/acre</i>			
Priaxor Xemium	-	1516	-	-
Miravis Neo	936	-	1754	2182
Acadia 2SC	979	1402	-	2218
Control	993	1426	1681	2294
LSD (p=0.05)	n.s.	n.s.	n.s.	n.s.
CV%	9.3	16.8	3.0	13.2

Results

- Disease was not present at any trial
- No significant difference in yield in any trial
- If a yield improvement was observed, it often did not cover the fungicide product cost
- No varietal response to fungicide at Davenport or Pullman

2024 Small Plot Trials Applying Fungicide at Bloom in Eastern Washington				
Treatment	Davenport		Pullman	
	CP7130LL	CP7250LL	CP7130LL	CP7250LL
	<i>lbs/acre</i>			
Quash	1110	1244	772	945
Miravis Neo	1416	1156	772	853
Acadia 2SC	1268	1370	745	876
Priaxor Xemium	1193	1101	899	945
Control	1138	1259	723	838
LSD (p=0.05)	n.s.	n.s.	n.s.	n.s.
CV%	15.1	17.8	19.8	18.7

Fungicide Cost Table		
Product	Rate (oz./acre)	Cost per acre
Miravis Neo	13.7	\$23.54
Quash	4	\$41.58
Acadia 2SC	15.5	\$9.20
Priaxor Xemium	8	\$27.50



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