



2022 LATMC Emerging Technologies Update

John Lee- Retail Market Manager



Vantacor™ Insect Control Replaced Prevathon® Insect Control In 2021



Vantacor insect control is a highly concentrated advanced formulation of Rynaxypyr® active that delivers convenient, targeted and long-lasting residual control of worm pests in a range of crops.

- Low labeled use rates of 0.7 to 2.5 fl. oz./A.
- Packaged in quarts and 2.5 gallon containers
- Same insect control as Prevathon with up to 21 days residual activity on leps.
- Minimal impact on many important beneficial species and doesn't flare secondary pests.

Prevathon® Insect Control (fl. oz./A)	Rynaxypyr Active Ingredient lb ai/A	Vantacor™ Insect Control (fl. oz./A)
8	0.027	0.7
12	0.04	1
14	0.047	1.2
20	0.067	1.7
29	0.097	2.5



**A NEW WAY TO ACHIEVE SEASON-
LONG FOLIAR DISEASE PROTECTION
IN CORN:**

XYWAY™ LFR FUNGICIDE

Xyway LFR Fungicide

What is it...

- Xyway LFR fungicide is applied at corn planting and delivers long lasting disease protection from Gray Leaf Spot, Northern Corn Leaf Blight, Southern Corn Leaf Blight, Common Rust, and Smut
- Active ingredient in Xyway LFR is flutriafol
- Highly systemic – FRAC 3 fungicide (triazole)
- LFR Formulation – Liquid Fertilizer Ready
- Use rate is 15.2 fl. oz/A – 30” RS or 12 fl oz/A – 38” RS (0.87 fl oz/1000 linear ft of row)
- Apply with water or starter fertilizer
(tank agitation highly recommended)



*In cases of late-season disease pressure e.g., Southern rust or tar spot, apply Xyway brand fungicides at set-up rates and follow with Topguard® EQ or Lucento® fungicides.

**This Xyway LFR fungicide recommendation is made as permitted under FIFRA Section 2(ee) for 2x2 placement at-plant in corn (field, corn grown for seed, popcorn and sweet corn) in all registered states except Texas. This recommendation has not been submitted to or approved by the EPA. The 2(ee) expiration date is 12/31/2025.

Untreated vs Treated 126 DAA



Untreated



Xyway LFR @ 12 oz/A

Xyway LFR Fungicide 2022 Recommendations



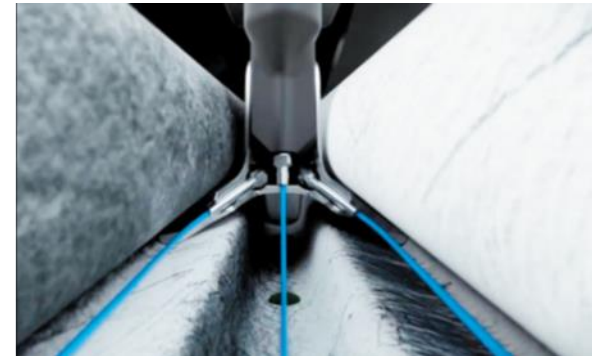
- Do not apply in-furrow- avoid direct contact with the seed
- Apply 0.5" to 4" away from the seed
- Approved 2EE for placement at planting at least 0.5" away from the seed to within 4"
- Maintain good tank agitation

EXAMPLES OF XYWAY™ LFR FUNGICIDE APPLICATION METHODS

****This is not a complete list of acceptable application methods.****



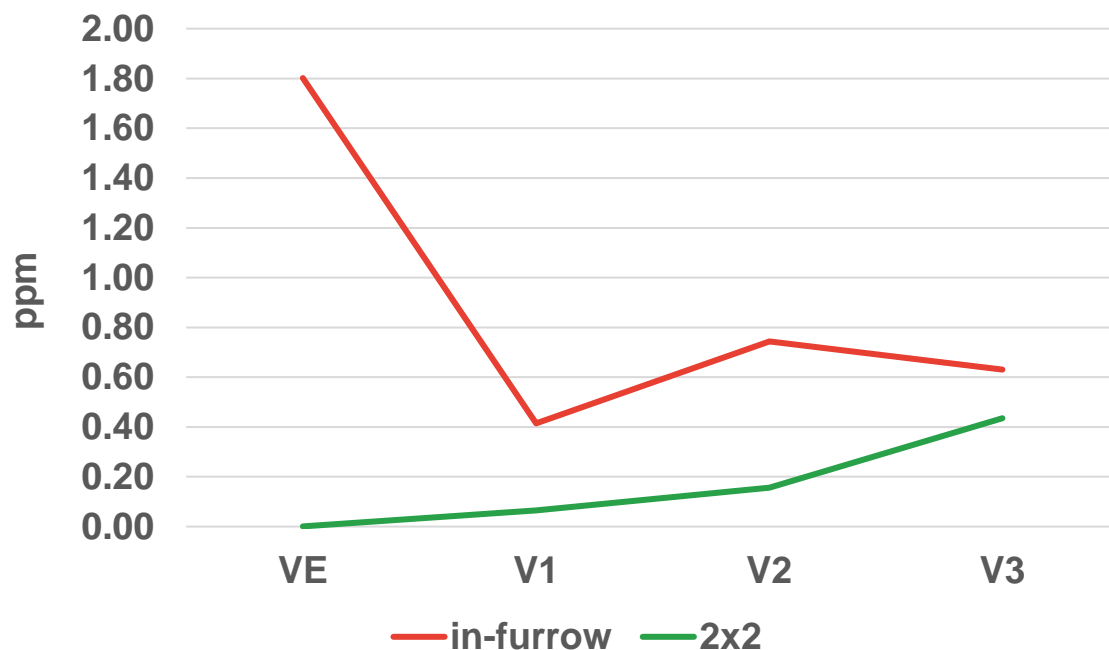
2x2, 2x2x2



Precision Planting Furrow Jet
(Turn off center stream)

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XYWAY™ LFR® FUNGICIDE CONCENTRATION BY CORN GROWTH STAGES UNDER FIELD CONDITIONS COMPARISON OF IN-FURROW VS 2X2 APPLICATIONS



In-furrow application

- High variability in detection at VE ranging from 0.29 to 4.15 ppm.

2x2 application

- No detection in plants at VE.

Take home message from this study:

- In 2x2 applications, the corn plant does not begin to take up Xyway LFR fungicide at detectable concentrations until V1, hence 2X2 does not have potential to impact corn emergence.
- Flutriafol concentration tends to equalize between in-furrow and 2X2 applications by V3 corn growth stage.



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Thank you!

Elevest™ insect control, Besiege insecticide, Brigade 2EC insecticide/miticide, Warrior II with Zeon Technology, Enlist, Tavium, XtendiMAX, VaproGrip FeXapan, and Engenia are Restricted Use Pesticides.

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