

Xanthion™

In-Furrow Fungicide

In-Furrow Application in Corn: Best Management Practices for Applying with BASF Injection System

Benefits of Xanthion™ Fungicide

- Controls *Rhizoctonia* and *Fusarium* spp. and suppresses *Pythium* spp.
- Enhances root growth, seedling vigor and cold tolerance
- Complementary biological and chemical modes of action deliver longer lasting residual disease control

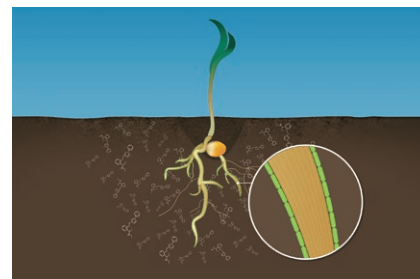
Xanthion Fungicide In-Furrow Rate, depending on row spacing. See table below.

Xanthion Fungicide In-Furrow Rate Chart			
Rate per Acre	Rate per 1000 row feet (fl ozs)		
	20-Inch rows	30-Inch rows	36-Inch rows
0.6 to 1.2 fl ozs Component A	0.023 to 0.046	0.034 to 0.069	0.041 to 0.083
3.0 to 6.0 fl ozs Component B	0.115 to 0.230	0.172 to 0.344	0.207 to 0.413

Always maintain a 1:5 ratio of Xanthion fungicide Component A to Xanthion fungicide Component B.

Xanthion fungicide provides convenient and effective disease control and additional plant health benefits that deliver more rapid and uniform emergence.

Complementary Biological and Chemical Modes of Action Offer Extended Residual Disease Control



Xanthion fungicide Component B provides immediate chemical control once in soil solution; while the biological ingredients in Xanthion fungicide Component A grow and develop on the roots over time to provide additional protection against soil-borne pathogens.

Technical Information Bulletin

 **BASF**
The Chemical Company



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Xanthion fungicide is a co-package of two liquid fungicides – one biological (an EPA registered biofungicide – Group 44) and one chemical (the same active ingredient as Headline® fungicide – Group 11). When following the Best Management Practices described, a BASF injection unit can be used for an in-furrow application in corn. A minimum of 2.5 gallons per acre of water or liquid fertilizer carrier is required for in-furrow applications.

- Xanthion fungicide requires agitation to keep both components in suspension.
- It is recommended to completely empty the injection system if stopping for an extended period of time. If that is not possible, agitate until mixed prior to resuming planting.



BASF In-Furrow Direct Injection Kit

- The direct injection system is designed to be a simple cost effective way to apply Xanthion fungicide in-furrow.
- The pump operates off the volume flow of your starter fertilizer.
- Can be easily mounted onto your planter and includes a 10-gallon tank and a recirculation pump that keeps the two Xanthion fungicide components dispersed evenly in the tank.
- For growers that have an existing injection system, it should be retrofitted with a recirculation pump for proper application.



For more information on the BASF in-furrow direct injection kit, see your local BASF representative or your local BASF authorized retailer.

For more information on BASF and the entire plant health portfolio in corn, go to: <http://www.agproducts.basf.us>