



AZteroid™ Product Use Information



AZteroid™ Fertilizer Compatible Fungicide

AZteroid 1.65 SC is a versatile, broad-spectrum fungicide for control of diseases on agricultural crops. It can be applied at planting and mixed with liquid fertilizers. It is also effective by foliar application.

EPA Registration Number: 89118-3

PRODUCT BENEFITS	TECHNICAL INFORMATION	DISEASES CONTROLLED
<ul style="list-style-type: none"> • Systemic protection • Mixes well with all types of fertilizer • Registered for in-furrow, broadcast and aerial application • Protects quality and yield 	<ul style="list-style-type: none"> • 1.65 lb azoxystrobin/gallon • Group 11 fungicide (QoI respiration inhibitor) 	<ul style="list-style-type: none"> • Activity against plant pathogens in the 3 major classes—Ascomycetes, Basidiomycetes, Oomycetes

Azoxystrobin is a systemic fungicide. It is absorbed through the roots and translocated in the xylem to the stems and leaves, or through leaf surfaces to the leaf tips and growing edges. The mode of action is by inhibition of mitochondrial respiration in fungi. It inhibits spore germination, mycelial growth, and spore production of fungi. AZteroid provides activity against many important crop diseases and can be used in alternation with other fungicides with a different mode of action or tank-mixed with such fungicides and other crop protection products.

AT PLANT IN-FURROW RATES
(Table Provides fl. oz. Product per Acre)

CROP ROW SPACING (INCHES)	0.5 FL. OZ. AZTEROID PER 1000 ROW FEET	1.0 FL. OZ. AZTEROID PER 1000 ROW FEET
22	11.9	18.9
24	10.9	18.9
26	10.1	18.9
28	9.3	18.7
30	8.7	17.4
32	8.2	16.3
34	7.7	15.4
36	7.3	14.5
38	6.9	13.8
40	6.5	13.1

FOR FOLIAR APPLICATIONS

FL. OZ. PRODUCT	LB. ACTIVE INGREDIENT	TREATED ACRES PER GALLON PRODUCT
5.0	0.07	25.4
6.3	0.08	20.3
6.9	0.09	18.5
7.6	0.10	16.9
7.8	0.10	16.4
8.8	0.11	14.5
10.7	0.14	11.9
11.3	0.15	11.3
12.6	0.16	10.2
13.2	0.17	9.7
13.9	0.18	9.2
15.1	0.20	8.5
15.8	0.20	8.1
17.6	0.23	7.3
19.4	0.25	6.6
19.5	0.25	6.6
23.3	0.30	5.5
30.9	0.40	4.1

AZTEROID CONVERSION TABLES

FL. OZ PRODUCT	OZ. ACTIVE INGREDIENT
0.5	0.1
1.0	0.2

CROP	DISEASE	USE RATES (FL. OZ. PRODUCT/1000 ROW FT. (OZ. A.I./1000 ROW FT.))	MAX APPLICATION AMOUNT
CORN (AT PLANT, BANDED APPLICATIONS) FIELD, POP, SWEET, INCLUDING SEED PRODUCTION	RHIZOCTONIA ROOT AND STALK ROT (RHIZOCTONIA SOLANI)	0.5-1.0 (0.1-0.2)	155 FL. OZ. AZTEROID/ACRE/YEAR 2.0 LB. A.I. AZOXYSTROBIN/ACRE/YEAR
Following best local practice, apply in-furrow as a spray or apply as a banded spray over the row targeting the plant bases and surrounding soil with thorough coverage of these areas important for good disease control.			
SOYBEANS (AT PLANT, BANDED APPLICATIONS) EDAMAME (IMMATURE SEED SOYBEANS), SOYBEANS	RHIZOCTONIA DISEASES (RHIZOCTONIA SOLANI) SOUTHERN BLIGHT (SCLEROTIUM ROLFSII)	0.5-1.0 (0.1-0.2)	116 FL. OZ. AZTEROID/ACRE/YEAR 1.5 LB. A.I. AZOXYSTROBIN/ACRE/YEAR
Following best local practice, apply in-furrow as a spray or apply as a banded spray over the row targeting the plant bases and surrounding soil with thorough coverage of these areas important for good disease control.			
COTTON (AT PLANT APPLICATIONS)	PYTHIUM SEEDLING BLIGHT (PYTHIUM SPP.) RHIZOCTONIA SEEDLING BLIGHT (RHIZOCTONIA SOLANI)	0.5-1.0 (0.1-0.2)	34 FL. OZ. AZTEROID/ACRE/YEAR 0.44 LB. A.I. AZOXYSTROBIN/ACRE/YEAR
Apply in-furrow as a spray in 3-7 gallons of water per acre, applying spray just prior to furrow closure. Use the higher rate if conditions are expected to be conducive to disease, if the field has a history of Pythium Seedling Blight, or if minimum tillage is used.			
PEANUTS (AT PLANT APPLICATIONS)	BLACK DOT (COLLETOTRICHUM COCCODES) BLACK SCURF (RHIZOCTONIA SOLANI) SILVER SCURF (HELMINTHOSPORIUM SOLANI)	0.5-1.0 (0.1-0.2)	61.8 FL. OZ. AZTEROID/ACRE/YEAR 0.8 LB. A.I. AZOXYSTROBIN/ACRE/YEAR
Apply in-furrow as a spray.			
POTATOES (AT PLANT APPLICATIONS)	BLACK DOT (COLLETOTRICHUM COCCODES) BLACK SCURF (RHIZOCTONIA SOLANI) SILVER SCURF (HELMINTHOSPORIUM SOLANI)	0.5-1.0 (0.1-0.2)	34 FL. OZ. AZTEROID/ACRE/YEAR 0.44 LB. A.I. AZOXYSTROBIN/ACRE/YEAR
Following best local practice, apply in-furrow as a spray or apply as a banded spray over the row targeting the plant bases and surrounding soil with thorough coverage of these areas important for good disease control.			
SUGAR BEETS (AT PLANT, BANDED APPLICATIONS)	CIRCULAR SPOT, SOUTHERN BLIGHT (SCLEROTIUM ROLFSII) PYTHIUM ROOT ROT (PYTHIUM SPP.) RHIZOCTONIA STEM CANKER, CROWN ROT (RHIZOCTONIA SOLANI)	0.5-1.0 (0.1-0.2)	155 FL. OZ. AZTEROID/ACRE/YEAR 2.0 LB. A.I. AZOXYSTROBIN/ACRE/YEAR
Apply as a 3-7 inch banded spray at the 2- to 8-leaf stage using 10 or more gallons per acre. Apply in-furrow applications in a minimum of 10 gallons per acre. Do not apply with liquid fertilizer as crop damage may result.			

Mixing Instructions

- Determine the required volume of water or liquid fertilizer for application and fill the spray/mixing tank with 1/2 - 2/3 of this volume
- Begin agitation of the tank and add the required volume of AZteroid for the fungicide application
- Continue agitation while adding the remaining 1/2 - 1/3 volume of water or liquid fertilizer to complete the spray mixture
- Apply the mixture after the contents of the tank are completely dispersed
- Agitation of the spray tank should be maintained until all of the spray mixture has been applied
- Thoroughly rinse the spray tank with water and dispose of the rinse water by spraying onto a section of the already treated crop
- Do not prepare more spray mixture than is required for the treatment
- Do not allow a mixture to set overnight—if this occurs, agitate the mixture and assess prior to application
- Do not store spray mixtures

CAUTION: Test potential mixing partners, including adjuvants, for mixing compatibility using a standard jar test or other similar method and for crop safety prior to use on a crop. Incompatibilities may exist with some methylated seed oils, crop oil concentrates, or silicone-based adjuvants; conduct jar tests before using.

The following jar test procedure is recommended to evaluate compatibility: Following any product specific instructions for order of addition, pour the recommended proportions of the products into a suitable container, mix thoroughly and allow to stand at least 20 minutes. If the combination remains mixed or can be re-mixed readily, the mixture is considered physically compatible.

Please refer to the labels for more detailed information.

Resistance Management

AZteroid contains azoxystrobin, which is a Group 11 fungicide. It is effective against pathogens resistant to fungicides with different modes of action. Azoxystrobin does exhibit cross-resistance with other Group 11 fungicides. Over time, pathogens can develop resistance to the fungicide, particularly if Group 11 fungicides are used repeatedly in the same field. This may result in reduction in disease control by Group 11 fungicides. To manage disease resistance properly, restrict use of AZteroid to the number of applications per year as defined on the label and rotate with alternate or multiple-site activity fungicides.

Vive Crop Protection

For more information, visit www.vivecrop.com, or call the Vive Customer Care Center at 1-888-760-0187.

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