






2019 ACSC RHIZOCTONIA MANAGEMENT OPTIONS

 American Crystal Sugar Company	 AZteroid [®] FC	 Priaxor [®] Xemium [®] Brand Fungicide	 Quadris [®]	 Quadris [®]
	AT-PLANT	POST	POST	POST
METHOD	IN-FURROW/BAND (3-7")	BAND/BROADCAST	BAND (7-11")	BROADCAST
TIMING	AT-PLANT	4 to 5 weeks after planting	4 to 5 weeks after planting	4 to 5 weeks after planting
RATE	5.7 oz/Acre <small>(3.30 lbs Ai/Gal)</small>	6.7 oz/Acre	10 oz/Acre <small>(2.08 lbs Ai/Gal)</small>	15 oz/Acre <small>(2.08 lbs Ai/Gal)</small>
TANK-MIXES	w/starter fertilizer	Glyphosate w/ surfactant	Glyphosate w/ surfactant	Glyphosate w/ surfactant
WATER VOLUME	5-10 gal/acre	10-15 gal/acre	10-20 gal/acre	10-20 gal/acre
NOTES (see reverse side)	<ul style="list-style-type: none"> Mixes with liquid fertilizers with no crystallization or clogging Do not apply in-furrow if cool weather follows planting Do not include COC or MSO in tank mix Applying w/starter in-furrow may increase risk of phytotoxicity 	<ul style="list-style-type: none"> Do not mix with conventional herbicides/insecticides Time application 3 days before or 3 days after conventional herbicide or insecticide application Narrower bands are most effective, do not reduce rate Additional surfactant along w/ glyphosate will <u>not</u> increase risk of injury Do not add deposition aids or any oil based additive when mixing with glyphosate Always add Priaxor 1st to spray tank 	<ul style="list-style-type: none"> Do not mix with conventional herbicides/insecticides Time application 3 days before or 3 days after conventional herbicide or insecticide application Do not add deposition aids or any oil based additive when mixing with glyphosate Additional surfactant along w/ glyphosate will <u>not</u> increase risk of injury Narrower bands are most effective, do not reduce rate Always add Quadris 1st to spray tank 	<ul style="list-style-type: none"> Do not mix with conventional herbicides/insecticides Time application 3 days before or 3 days after conventional herbicide or insecticide application Do not add deposition aids or any oil based additive when mixing with glyphosate Additional surfactant along w/ glyphosate will <u>not</u> increase risk of injury This is our least preferred method, but still beneficial Always add Quadris 1st to spray tank

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DISEASE SEVERITY	RECOMMENDATIONS
Slight	Seed treatment with Post Quadris/Priaxor
Moderate	Increase Crop Rotation Length, Tolerant Variety, Seed treatment, Post Quadris/Priaxor 1x
Severe	Increase Crop Rotation Length, Tolerant Variety, Seed treatment, AZteroid At-Plant, Post Quadris/Priaxor 1x or 2x

ADDITIONAL NOTES:

- Quadris and Priaxor are both SC formulations, always add them 1st to spray tank, use good agitation and apply the mixture promptly
- Quadris/Priaxor should never be tank-mixed with any oil-based additives or EC formulations of herbicides/insecticides due to increased risk of injury
- Seed treatments and/or at-plant fungicide applications for the control of Rhizoctonia do not provide season long control and should be coupled with post Quadris/Priaxor
- 2019 Rhizoctonia fungicide standard seed treatments by company:
 - Betaseed = Systiva
 - Crystal = Kabina
 - Hillehog & Maribo = Vibrance
 - Seedex = Tri-Pak (Metlock + Rizolex + Kabina)
 - Ses Vanderhave = Fungicide Pack (Metlock + Rizolex + Vibrance)