

FIELD CORN DISEASE CONTROL

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CORN

PEST	FUNGICIDE	MOA	AMOUNT PER ACRE	REI/PHI (Hours or Days)	REMARKS AND PRECAUTIONS
Southern Corn Leaf Blight, Northern Corn Leaf Blight, Common Rust and Southern Rust	NOTE: Growers do not need to apply fungicides to control common rust as this disease causes little damage. However, southern rust, especially in severe years, can cause heavy yield losses. Southern corn Rust was severe in 2020. For best results, fungicide applications should be initiated before disease enters the field or as soon as southern rust is detected after careful scouting. Use of fungicides to manage southern corn leaf blight is rarely needed in recent years. However, 2008 and 2009 were severe years for northern corn leaf blight. With the emergence of northern corn leaf blight as an important disease of corn in Georgia beginning in 2008, growers should recognize that fungicides can be an effective tool to minimize losses associated with this disease. 2018 was a severe year for southern corn leaf blight. For best results, fungicide applications for management of northern corn leaf blight and southern corn leaf blight may need to be made as early as the V8–V10 growth stages. When varieties which are very susceptible to these diseases are planted, fungicides may not always adequately protect the corn crop.				
	<i>azoxystrobin</i> AzoxyStar	11	6–15.5 fl oz	—/ 7D	Do not apply AzoxyStar within 7 days of harvest. Maximum rate is 123 fl oz/A/season.
	<i>azoxystrobin</i> Quadris	11	9.2–15.4 fl oz	4 H/ —	Do not apply Quadris within 7 days of harvest. Maximum rate is 123 fl oz/A/season.
	<i>azoxystrobin + propiconazole</i> Quilt	11 + 3	7–14 fl oz/A	12 H/ —	Do not apply Quilt within 30 days of harvest. Maximum rate is 56 fl oz/A/season.
	<i>azoxystrobin + propiconazole</i> Quilt Xcel		10.5–14 fl oz		Do not apply Quilt Xcel within 30 days of harvest. Maximum rate is 56 fl oz/A/season.
	<i>azoxystrobin + propiconazole</i> Cover XL		10.5–14 fl oz		Do not apply Cover XL within 30 days of harvest.
	<i>benzovindiflupyr (solatenol) + azoxystrobin + propiconazole</i> Trivapro	7 + 3 + 11	13.7 fl oz	12 H/ 7 D	Trivapro: Maximum total—47 fl oz/year. DO NOT ADD an adjuvant or crop oil after the V8 stage and prior to the VT stage.
	<i>flutriafol</i> Xyway LFR	3	7.6–15.2 fl oz		At-plant application, no more than 0.228 lb ai/year, no more than one application per year. Diseases: labeled for SCLB, NCLB, Grey Leaf Spot, common rust, smut.
	<i>flutriafol</i> TopGuard	3	5–7 fl oz	12 H/ 7 D	Restricted Entry Interval (REI): The REI for detasselling field corn and popcorn grown for seed is 5 days. The REI for all other activities is 12 hours. Pre-harvest Interval: Do not apply within 7 days of harvest.
	<i>flutriafol + azoxystrobin</i> TopGuard EQ	3 + 11	5–7 fl oz	12 H/ 7 D	Restricted Entry Interval (REI): The REI for detasselling field corn and popcorn grown for seed is 5 days. The REI for all other activities is 12 hours, Pre-harvest Interval: Do not apply within 7 days of harvest.
	<i>fluoxastrobin</i> Evito 480 SC	11	2–5.7 fl oz	12 H/ —	Apply a maximum of 2 applications of Evito 480SC. Do not apply Evito after the R4 (early dough) stage or within 30 days of harvest. Maximum rate is 22.8 fl oz/A/season.
	<i>fluoxastrobin + tebuconazole</i> Evito T	11 + 3	4–9 fl oz	12 H/ 7 D	Do not apply Evito after the R4 (early dough) stage or within 36 days of harvest. Maximum rate is 18 fl oz/A/season.
	<i>fluoxastrobin + tetraconazole</i> Zolera FX	3 + 11	4.4–6.8 fl oz	12 H/ 30 D	Maximum of one application allowed per season. Do not apply with an adjuvant between the V8 and VT growth stages. Do not apply after R3 (brown silk) growth stage.
	<i>flutriafol + fluoxastrobin</i> Fortix	3 + 11	4–6 fl oz	12 H/ —	Apply a maximum of two applications per season no later than growth stage R4 (early dough stage). Do not apply Fortix within 80 days of harvest or through chemigation. Maximum rate is 12 fl oz/A/season.
<i>flutriafol + fluoxastrobin</i> Preemptor	3 + 11	4–6 fl oz	12 H/ —	Do not use an adjuvant after the V8 stage and prior to the VT stage of corn. An adjuvant may be used at any other growth stage. Restricted Entry Interval (REI) for detasselling is 5 days. The REI for all other activities is 12 hours. Pre-Harvest Interval: Do not apply Preemptor SC Fungicide within 30 days of harvest (grain, seed, forage, or stover)	
<i>picoxystrobin</i> Approach	11	3–4 fl oz + 6–12 fl oz	12 H/ —	There should be no more than 2 sequential applications of Approach before shifting to a fungicide of a different mode of action. The 3–4 fl oz/A rate is for early season disease suppression (V3–V7) while the 6–12 fl oz/A rate is typically applied between the VT and R3 growth stages. Do not apply Approach within 7 days of grain harvest or 0 days before harvest for foliage. Maximum rate is 36 fl oz/A/season.	

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Southern Corn Leaf Blight, Northern Corn Leaf Blight, Common Rust and Southern Rust <i>(continued)</i>	<i>picoxystrobin + cyproconazole</i> Approach Prima	11 + 3	3.4 fl oz + 3.4–6.8 fl oz	12 H/ —	There should be no more than two sequential applications of Approach Prima before shifting to a fungicide of a different mode of action. The 3.4 fl oz/A rate is for early season disease suppression (V3–V7) while the 3.4–6.8 fl oz/A rate is typically applied between the VT and R3 growth stages. Do not apply Approach Prima within 30 days of grain harvest or 21 days before harvest for foliage. Maximum rate is 6.8 fl oz/A/season.
	<i>propiconazole</i> Tilt	3	2–4 fl oz	12 H/ —	Do not apply Tilt within 30 days of harvest. Maximum rate is 16 fl oz/A/season. For management of northern corn leaf blight and southern corn leaf blight, it is recommended to not apply <i>propiconazole</i> alone.
	<i>prothioconazole + trifloxystrobin + fluopyram</i> Delaro Complete	3 + 11 + 7	8.0–12.0 fl oz	12 H/ 14 D	Do not apply more than 24 fl oz/A/year of Delaro Complete.
	<i>pyraclostrobin</i> Headline	11	9–12 fl oz	12 H/ —	Do not apply Headline within 7 days of harvest. Maximum rate is 72 fl oz/A/season.
	<i>pyraclostrobin + fluxapyroxad</i> Priaxor	7 + 11	4–8 fl oz	12 H/ 21 D	Priaxor is a combination of <i>fluxapyroxad</i> and <i>pyraclostrobin</i> . Do not apply within 21 days of harvest to field corn and make no more than 2 applications per season. Maximum rate is 16 fl oz/A/season.
	<i>pyraclostrobin + mefentrifluconazole</i> Veltyma	11 + 3	7–10 fl oz	12H/ 21D	Do not apply more than 20 fl oz/A of Veltyma per year.
	<i>pyraclostrobin + mefentrifluconazole + fluxapyroxad</i> Revytek	11 + 3 + 7	8–15 fl oz		Do not make more than 2 applications per year and do not apply more than 30 fl oz/year.
	<i>pyraclostrobin + metconazole</i> Headline AMP	11 + 3	10 fl oz	12 H/ —	Maximum rate is 57.6 fl oz/A/season. Do not apply Headline AMP within 20 days of harvest for grain or within 7 days of harvest for forage/silage.
	<i>tebuconazole</i> 3.6F	3	4–6 fl oz	12 H/ Grain 36 D Forage/silage 21 D	Do not apply <i>tebuconazole</i> within 21 days of harvest for forage or within 36 days of harvest for grain. For management of northern corn leaf blight and southern corn leaf blight, it is recommended to not apply <i>tebuconazole</i> alone.
	<i>tebuconazole + azoxystrobin</i> Custodia	3 + 11	9–12.9 fl oz	12 H/ 21 D	Apply in a protective spray schedule or when weather conditions favor disease. Apply on a 7–14 day schedule. Do not use an adjuvant or crop oil after V* stage and prior to VT. Maximum rate is 51.7 fl oz/A/season.
	<i>tetraconazole</i> Domark 230 ME	3	4–6 fl oz	12 H/ 21 D	Do not apply more than 6 fl oz/A in order to reduce the potential for resistance. Do not make more than one application of Domark per year. Do not apply Domark after corn growthstage 3 (milk). Do not use adjuvants in sprays made between V8 and VT growthstage.
	<i>tetraconazole + azoxystrobin</i> Affiance Brixen	3 + 11	10–17 fl oz 13–19 fl oz	12 H/ 7 D Silage 21 D	Maximum rate is 17.06 fl oz/A/year. Limit of 2 applications per year. Early applications: V4–V8. Regular applications: V8–R3 (do not apply with adjuvants between V8 and VT). Do not apply after R3 (brown silk). Can be applied in chemigation (0.1–0.25"). Do not harvest for silage within 21 days of application. Do not apply after R3 (milk stage).
	<i>trifloxystrobin + propiconazole</i> Stratego	11 + 3	10–12 fl oz	12 H/ —	Do not apply Stratego within 30 days of harvest. Maximum rate is 24 fl oz/A/season.
	<i>trifloxystrobin + prothioconazole</i> Stratego YLD	11 + 3	4–5 fl oz	12 H/ —	Stratego YLD should not be applied to field corn within 14 days of harvest. Maximum rate is 10 fl oz/A/season.