# RICE DISEASE UPDATE

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#### 2016 SUMMARY

- SHEATH BLIGHT, CERCOSPORA AND BLAST STARTED EARLY BUT DEVELOPMENT SLOWED
- HOT WEATHER DID NOT INCREASE BACTERIAL PANICLE BLIGHT
- STROBILURIN RESISTANT SHEATH BLIGHT FUNGUS IS STILL SPREADING
- SHEATH BLIGHT FUNGUS RESISTANT TO SDHI FUNGICIDES FOUND



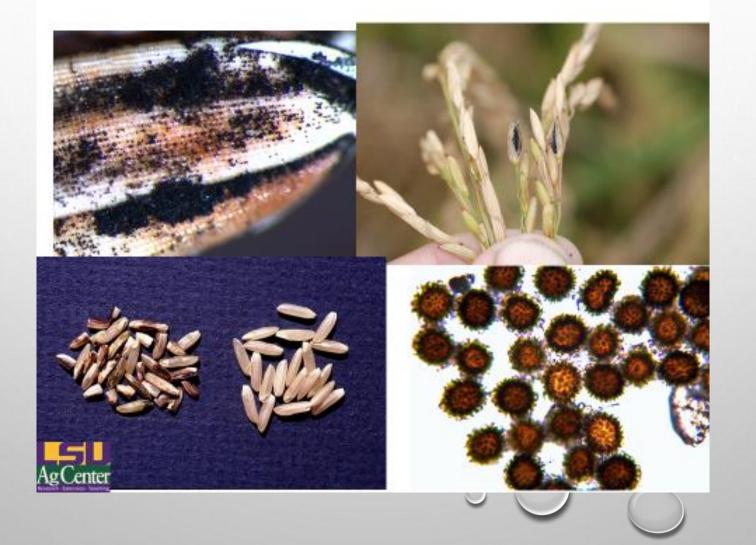
### GRAIN SMUTS AND OTHER ORGANISMS







# KERNEL SMUT







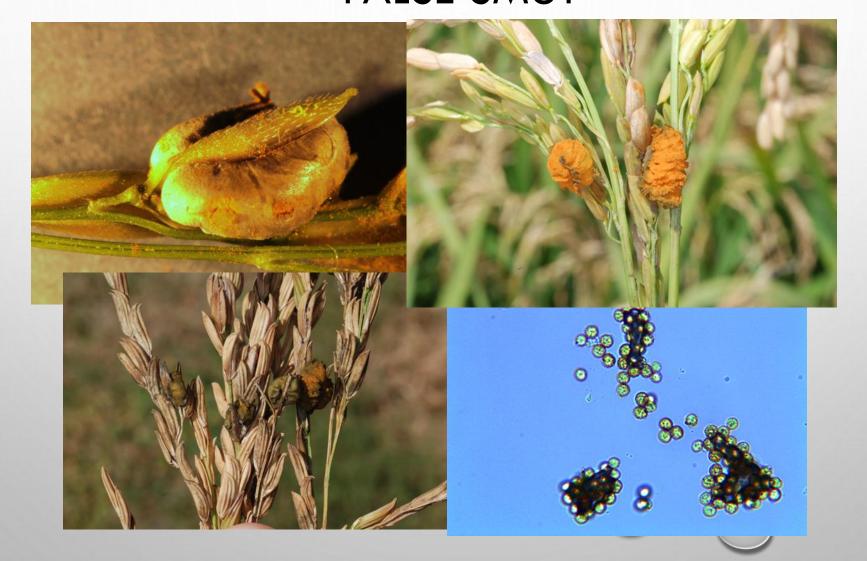
### **BLACK KERNEL**







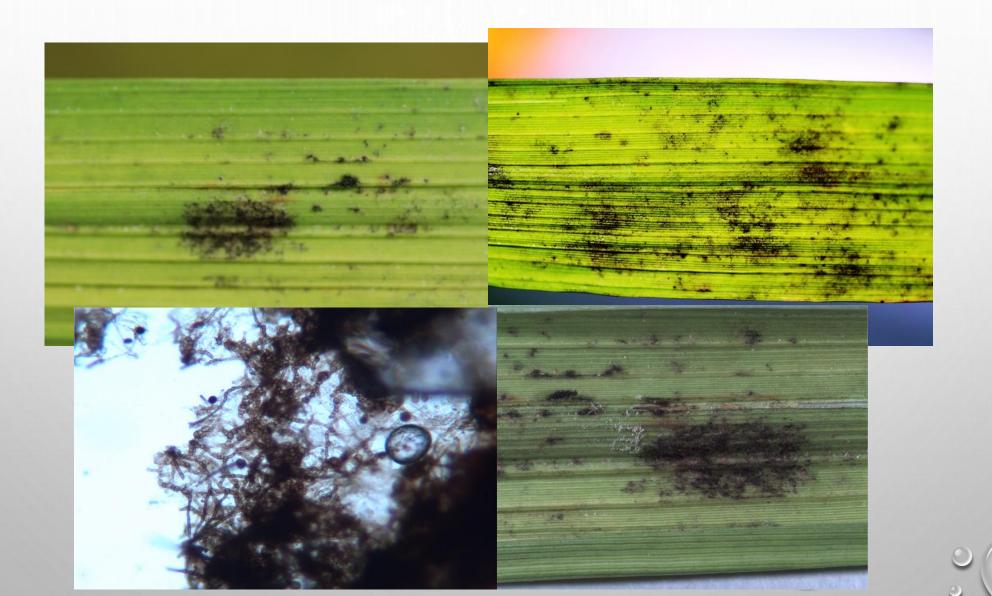
# FALSE SMUT







### SOOTY MOLD



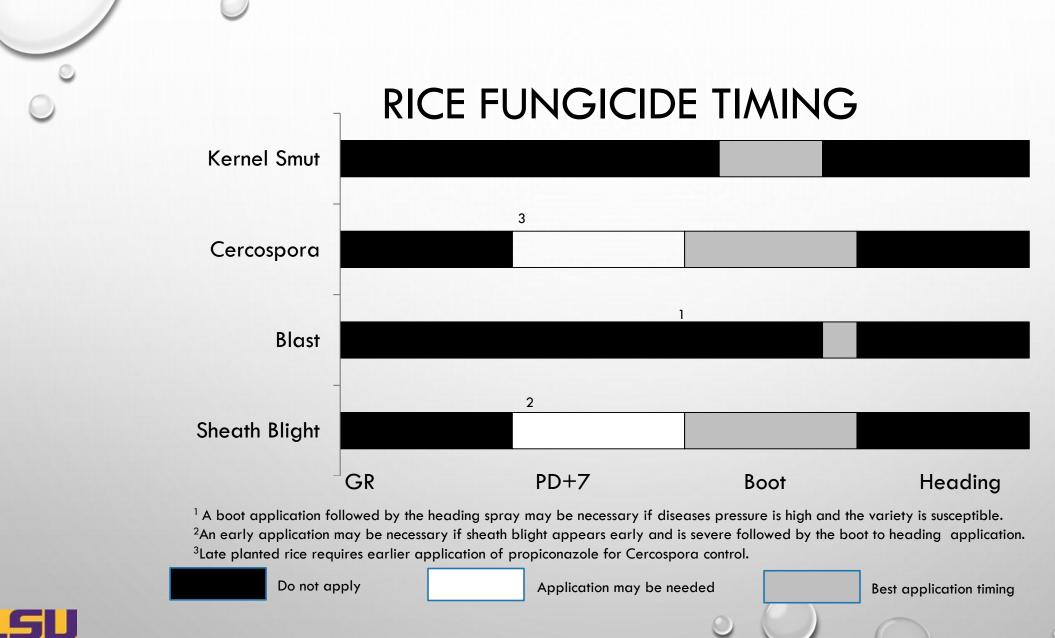




#### CONTROL

- SOME LESS SUSCEPTIBLE VARIETIES AVAILABLE
- PLANT EARLY
- AVOID EXCESSIVE N
- KERNEL SMUT PRIMARY FUNGICIDE TARGET
- PROPICONAZOLE HAS BEST ACTIVITY
- 6-12 OZ/A AT BOOT GROWTH STAGE
- CERTAIN FIELDS TEND TO HAVE A HISTORY OF DISEASE
- SEEING MORE DISEASE IN SOUTH LOUISIANA







### RICE FUNGICIDES

Table 3. Efficacy of fungicides in managing diseases of rice

Efficacy categories are as follows: P=Poor; F=Fair; G=Good; VG=Very Good; NL = Not Labeled for use against this disease.

Fungicide Information				Disease			
Class and Mode of Action Group <sup>1</sup>	Active Ingredient	Product(s) <sup>2</sup>	Rate <sup>3</sup> (fl oz)	Blast	Sheath Blight	Cercospora	Kernel Smut
Qol Strobilurins Group 11	Azoxystrobin	Quadris 2.08 SC Equation 2.08 SC	9-15.5	G	VG	Р	Р
	Trifloxystrobin	Gem 500 SC	3.1-4.7	VG	G	Р	Р
Carboxamides Group 7	Flutolanil	Elegia 3.8 SC	16-32	NL	G	NL	NL
	Fluxapyroxad	Sercadis 2.47 SC	4.5-6.8	NL	VG	NL	NL
Demethylation Inhibitors (DMI) Group 3	Propiconazole	Tilt 3.6 EC Bumper PropiMax	6-12 6-12 6-12	NL	F	VG	G
Mixed <sup>4</sup>	Azoxystrobin, Propiconazole	Quilt 200 SC	14-34.5	G	VG	VG	G
	Azoxystrobin, Propiconazole	Quilt Xcel 2.2 SE	15.8-27	G	VG	VG	G
	Trifloxystrobin, Propiconazole	Stratego 250 EC	16-19	VG	G	VG	G





- AZOXYSTROBIN + DIFENOCONAZOLE
- GROUP 11 AND 3 FUNGICIDES
- BLAST, SHEATH BLIGHT AND CERCOSPORA ACTIVITY
- SIMILAR TO QUADRIS TOP BUT NOT LABELED FOR RICE
- HAS GOOD ACTIVITY AGAINST STROBILURIN (GRP11)
   RESISTANT RHIZOCTONIA AND SHOULD BE ACTIVE
   AGAINST SDHI (GRP7) RESISTANT RHIZOCTONIA



#### **KEY POINTS**

- KNOW SUSCEPTIBILITY OF VARIETY
- MANAGE CORRECTLY
- SCOUT FOR PRESENCE OF DISEASE
- IDENTIFY DISEASE CORRECTLY
- PICK CORRECT FUNGICIDE
- APPLY IN A CORRECT AND TIMELY MANOR





#### FOR MORE INFORMATION:

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