2018 LACA RICE DISEASE UPDATE

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2017 SUMMARY

- SHEATH BLIGHT STARTED EARLY DUE TO WET CONDITIONS AND THICK STANDS AND CONTINUED TO DEVELOP AGGRAVATED BY FUNGICIDE WEATHERING
- BLAST AND CERCOSPORA DID NOT DEVELOP TO EPIDEMIC LEVELS IN THE FIRST CROP
- SHEATH BLIGHT FUNGUS TOLERANT TO SDHI (SERCADIS AND ELEGIA) FUNGICIDES PROBABLE

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SHEATH BLIGHT ON CL153

- NUMEROUS CALL LAST JUNE ON EXCESSIVE SHEATH BLIGHT ON CL153
- SCOUTED SEVERAL FIELDS
  - VERY THICK STANDS
  - VERY FAVORABLE ENVIRONMENT RAIN, DEW, CLOUD COVER
  - MORE SHEATH BLIGHT THAN EXPECTED
- HAS HAD AND CONTINUES TO HAVE HIGH YIELDS

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SHEATH BLIGHT RATINGS 0-9 SCALE

CL111	CL151	Catahoula	Mermentau	CL153
7.5	7.3	7.3	6.5	7.3

CL153 IN MOWATA

NEW FUNGICIDE AMISTAR TOP

- AZOXYSTROBIN + DIFENOCONAZOLE
- GROUP 11 AND 3 FUNGICIDES
- BLAST, SHEATH BLIGHT AND CERCOSPORA ACTIVITY
- HAS GOOD ACTIVITY AGAINST STROBILURIN (GRP11) RESISTANT RHIZOCTONIA AND SDHI (GRP7) TOLERANT RHIZOCTONIA
- 10-15 OZ/A TOTAL 30 OZ/A <u>TIMING CRITICAL</u>
  - BOOT TO HEADING FOR SHEATH BLIGHT AND CERCOSPORA
  - HEADING FOR BLAST
- POSSIBLE SMUT ACTIVITY

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UNSPRAYED – SERCADIS - AMISTAR TOP MOWATA, LA 2017

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[1]	Active Ingredient	Product(s)[2]	Rate[3] (fl oz)	Blast	Sheath Blight	Cercospora	Kernel Smut
QoI Strobilurins Group 11	Azoxystrobin	Quadris 2.08 SC Equation 2.08 SC	9-15.5	G	VG	P	P
	Trifloxystrobin	Gem 500 SC	3.1-4.7	VG	G	P	P
Carboxamides Group 7	Flutolanil	Elegia 3.8 F	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	6-10 6-10 6-10	NL	F	G	G
Mixed[4]	Azoxystrobin, Propiconazole	Quilt 200 SC	14-34.5	G	VG	G	G
	Azoxystrobin, Propiconazole	Quilt Xcel 2.2 SE	15.8-27	G	VG	G	G
	Trifloxystrobin, Propiconazole	Stratego 250 EC	16-19	VG	G	G	G
	Azoxystrobin, Difenoconazole	Amistar Top	10-15	G	VG	G	-

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BLAST ON PROVISIA RICE

- LIMITED RESISTANCE – RESISTANCE GENES GIVING RESISTANCE TO A FEW RACES
- RACE BEING IDENTIFIED
- HAVE NOT SEEN A LOT OF LEAF BLAST
- TREAT LIKE CL151 A VERY SUSCEPTIBLE VARIETY
- 1 OR 2 APPLICATIONS

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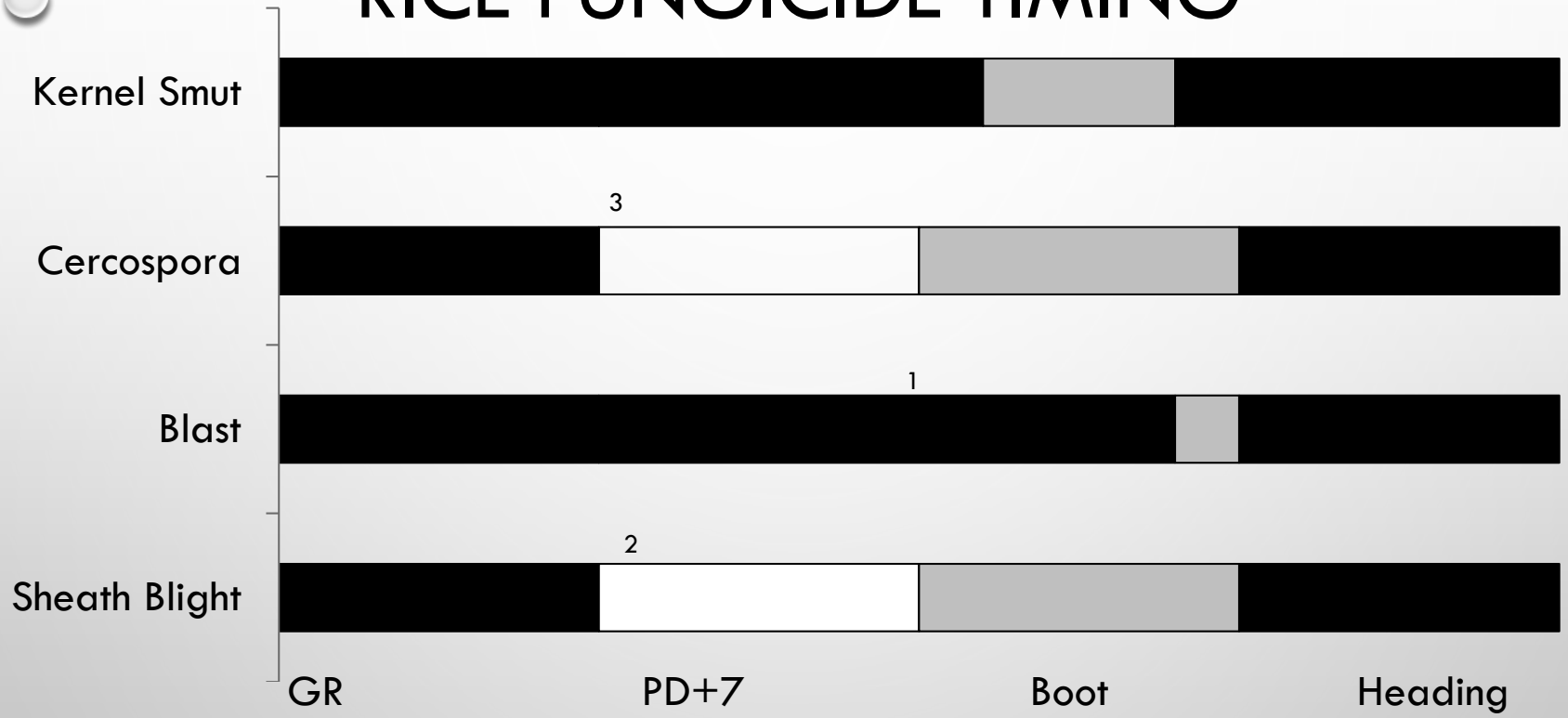
RICE FUNGICIDE TIMING



[1] A boot application followed by the heading spray may be necessary if diseases pressure is high and the variety is susceptible.
[2]An early application may be necessary if sheath blight appears early and is severe followed by the boot to heading application.
[3]Late planted rice requires earlier application of propiconazole for Cercospora control.

Do not apply

Application may be needed

Best application timing

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FOR MORE INFORMATION:

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THANK YOU FOR YOUR SUPPORT!