

Rice Research Verification

Week of May 12th, 2008

Cool temperatures last week slowed growth and development in the verification fields. Much of the rice is in the 2–3 leaf stage, and herbicide decisions are being made. The first field to be fertilized and flooded was Craighead County. A couple of more fields will be fertilized and flooded this week. All but two of the verification fields (Mississippi and Poinsett) have been planted. The Pope County field will be re-planted due to a poor stand. Below is a summary of the fields

South Arkansas

Arkansas – (Dewitt) Command at 12.8 oz/acre + Glyphosate at 2 qts/acre + Rice Shot applied. 1.1 inches rainfall received the following day. Litter analysis indicated N=54.3 units, P=42.7 units and K=60.0 units based on the 1.5 ton/acre applied.

Arkansas – (Stuttgart) 50 lbs/acre DAP + 50 lbs/acre A.S. applied. The rice is in the 4 leaf stage and taking off. There are some grasses and nutsedge present. Herbicide will be applied prior to establishment of permanent flood this week. Field received 1.0 inches rainfall.

Ashley – Field received 4 inches rainfall, and the rice is under water on the low end of the field. The rice is in the 2–3 leaf stage. Weeds present include hemp sesbania, morningglory, and 3 leaf broadleaf

signalgrass. Herbicide recommendation: Propanil at 4 qts/acre + Aim at 1.0 oz/acre.

Clark – The rice is just beginning to emerge. The field received 1.4 inches of rainfall, which is keeping the Command active.

Drew – The field received 2.4 inches rainfall. Weeds present include grasses, hemp sesbania and nutsedge. Recommendation: Newpath at 4 oz/acre + Strada at 2.0 oz/+1qt oil/acre.

Jefferson – The field was water seeded on in RT CL XL730 and is looking good. The water was actually left on 14 days, not 7 as stated in last week's newsletter. Ammonium Sulfate was applied at a rate of 100 lbs/acre. Weeds present include broadleaf signalgrass, nutsedge, ducksalad, and red rice. The first application of Newpath was applied on the 17th. Stand count 7 plants sq/ft.

Lee – Weeds present include barnyardgrass, broadleaf signalgrass, hemp sesbania and northern jointvetch. Facet at 0.375 lb/acre + Command at 0.8 pt/acre + crop oil was applied. The field received 1 inch of rainfall following the application.

Lincoln – The rice is in the 3 leaf stage. Weeds present include broadleaf signalgrass, nutsedge, hemp sesbania, morningglory and Indian jointvetch. Recommendation: Newpath at 4.0 oz/acre + Strada at 2.0 oz/acre + crop oil.

Lonoke – The field is still clean. Rainfall received was 1.5 inches. Stand counts taken last week indicate 28 plants/ft².

Prairie – Grape colaspis starting to show up in some areas of the field. Considering applying ammonium sulfate if the field dries out this week. Some sunshine and warm weather would help also. The field received 2.21 inches of rainfall. 28 plants sq/ft.

Ralph Mazzanti

Clay – The field received 1.5 inches of rainfall. The emergence date was May 11. Stand counts this week indicate 22 plants/ft².

Craighead – 250 lbs/acre of urea was applied ahead of the rain, and the field was flooded only requiring 5 hours of pumping. The field is clean with only Facet and Prowl being applied.

Crittenden – The Facet and Prowl are still doing their job. The rice was 3-leaf last week. After scouting this week, urea will be scheduled following any weed control needed.

Lawrence – This field finally dried out enough to be planted. Glyphosate was applied.

Lonoke – Planted 30 April in RT CL XL 730. The rice emerged on May 9. Stand counts taken last week indicated 12 plants/ft².

Mississippi – Planned to be seeded in Wells.

Poinsett- Still wet.

Pope – Zero grade field planted in RT XL723 at a rate of 58 lb/acre. Command at 12.8 oz + Facet at .25 lb acre was applied. Stand counts taken today indicated 1.9 plants/ft². The field will be replanted with 50% germ XL 723. Glyphosate will be applied behind the drill.

Prairie – The field is still clean. After scouting this week, urea will be scheduled following any needed herbicide application.

Randolph – The verification field in Randolph County will be a 165 acre field of XL 723. The field was seeded on May 1 and emerged on May 13. Command at 8 oz/acre + Glyphosate was applied. One ton litter/acre and 60 lbs of potash was also applied prior to planting.

St. Francis – The field was seeded with an air plane at a rate of 4 bu/acre and scratched in. The emergence date was May 15. Command and Glyphosate were applied prior to emergence.

Woodruff – Newpath at a rate of 4 oz/acre was applied on May 12. The second application of Newpath will follow on May 23 with Propanil for broadleaf control. The field will be fertilized and flooded next week.

Stewart Runsick

Summary

County	Variety	Planted	Emerged	Rate	Stand
Arkansas Dewitt	CL 171 AR	5/5	5/19	90	23
Arkansas Stuttgart	Francis	4/15	4/28	80	28
Ashley	Cocodrie	4/25	4/12	105	22
Clark	CL 171 AR	5/6	---	70	---
Drew	CL XL 729	4/13	5/5	53	18
Jefferson	CL XL 730	4/24	5/12	30	7
Lee	Francis	3/27	4/25	120	34
Lincoln	CL XL 729	4/22	5/3	60	20
Lonoke	Francis	4/21	5/5	100	32
Prairie	Cocodrie	4/23	5/12	95	28
Clay	Francis	4/30	5/11	85	22
Craighead	Wells	4/7	4/20	150	27.6
Crittenden	Wells	4/17	4/27	120+	35
Lawrence	CL XL 729	5/12		30	
Lonoke	CL XL 730	4/29	5/9	30	12
Mississippi	Wells	Not Planted			
Poinsett		Not Planted			
Pope	XL 723	Re-Plant			
Prairie	Cybonnet	4/14	4/24	90	22
Randolph	XL 723	5/1	5/13	30	
St. Francis	Wells	5/6	5/15	180	
Woodruff	CL XL 729	4/14	4/28	28	7.3

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