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Jeff Davis Rice Talk

News and information for our parish's agricultural producers and dealers

February 2008

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Electronic Mail

In an effort to reduce publication and distribution costs, we are encouraging recipients to receive this newsletter electronically. Just call in your e-mail address, or e-mail me at eeskew@agctr.lsu.edu , and I will add your name to my rice e-mail list.

Also, if you have access to the internet, I recommend that you visit the LSU AgCenter Rice webpage at www.lsuagcenter.com/en/crops_livestock/crops/rice/.

This is an excellent source for up-to-date rice information as well as a library of past presentations, projected costs, etc.If you are interested in other crops go to www.lsuagcenter.com and click on "Crops & Livestock" on the left side of the page under Topics.

And don't forget to go to the Jeff Davis Parish website at www.lsuagcenter.com/parish/jeffdavis/ for past copies of this newsletter and other agriculture, family and consumer sciences, and 4-H youth development news.

2008 Rice Season

This is the first year in several that seems to be starting out with a little optimism. Rice prices are very strong, and all indications are that these prices will remain high for a few years. In other words, this should not just be high prices this year and then drop for several years. All agricultural commodities are setting record high prices. One thing that will affect rice prices this year is the amount of acres diverted to other crops. Last year's record corn planting acres had an impact on other commodities, and this year we could see the same thing. Soybean seed is extremely short, so movement into this

commodity will be restricted due to lack of seed. So keep tuned into all of the ag reports you have access to because this news is what shapes the entire industry.

Production costs continue to play a critical role in survivability. Energy and fertilizer prices cannot be planned for, as each purchase seems to be higher than the one before. In addition, all other variables needed to farm will be up this year because of the high prices received for all of the commodities.

Management becomes even more critical than every before. When looking to cut expenses, look at university recommendations to see what kind of impact that reduction will have. And in some cases, it might not be a need to reduce as much as a need to change the timing or do a better job of scouting. As I said at the Southwest Louisiana Rice Forum in January, the LSU AgCenter is committed to helping you through this season so feel free to contact any of the LSU County Extension offices.

Soil Fertility

It is not too late to get soil samples analyzed for this year's rice crop. A good soil analysis is a big help in making decisions on fertilizer rates. I strongly recommend that if you are planning on reducing fertilizer this year in order to cut expenses, don't do it until you have a soil analysis on which to base your decision. Sometimes cutting corners will not hurt your bottom line, but if you cut back without good data to help make your decision, you may also be cutting back your income.

Rice Bulletin

The *Rice Varieties and Management Tips 2008* bulletin is in. Those of you that attended the Southwest Louisiana Rice Forum received one. We will distribute the rest of them to our area agricultural dealers. Please pick one up when you visit these places. We will also have some copies in my office. This is an excellent publication and I encourage everyone to pick up a copy. All of our current recommendations can be found in this book.

DD50 Program

The Louisiana DD50 Rice Management Program will be much improved this year. It will be entirely web-based, which means it can be accessed from any computer. You will be able to enter your own information at home if you have internet service, or you can send it to any office of the LSU AgCenter to be entered.

This is an excellent management tool. It predicts different stages of a rice plant's growth stage, and each of these stages is important in the cultural management to maximize yield. A prediction print-out will help you in making those important management decisions.

Each year about 22% of the rice acreage in Jeff Davis is enrolled in the DD50 Program. It is all repeat "customers". That says something about its value. If you haven't tried it, let me do it for you this year and show you how easy it is to get and what a good tool it is to add to your program.

Rice Herbicides

Included in this newsletter is a copy of the weed ratings of rice herbicides for the major rice weeds in Louisiana.

The success of any herbicide program is dependent on good field preparation (level ground, ditches made, no ruts, etc.) and the management of vegetation. Good seed to soil contact is needed at planting to insure good root establishment, so a clean seed bed is important. Also, early weed competition reduces yields.

It is important that you plan your herbicide applications to take advantage of early season warm spells if you are going to use a burndown product (January – early February) and to have some idea of the products you will use based on previous weed problems before you plant.

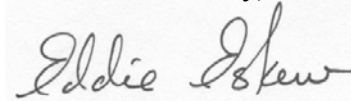
Seeding Rates

Enclosed with this newsletter is a table showing the seed per pound and the average number of seed per square foot. The chart is taken from the *Rice Varieties and Management Tips 2008* bulletin.

Many factors go into determining seeding rate such as planting early in the season, less than optimum seed bed preparation, blackbirds, minimum till, etc. Good quality seed is a must in establishing good stands, regardless of conditions.

If bin-run seed is used try and get a germination test prior to planting, and increase rates above what you normally plant to compensate for chaff and non-germinating grains.

Sincerely,



Eddie Eskew
County Agent
Jeff Davis/Allen Parishes

Visit our website at:

http://www.agctr.lsu.edu/parish/jeff_davis/

It is the policy of the Louisiana Cooperative Extension Service that no person shall be subjected to discrimination on the grounds of race, color, national origin, gender, religion, age, or disability.

2008 Louisiana Suggested Weed Control Guide

Herbicide	palmleaf morningglory	eclipta	barnyardgrass	red rice	sprangletop	signalgrass	fall panicum	sedge	alligatorweed	ducksalad	redstem	hemp sesbania	waterhyssop	jointvetch	smartweed	dayflower	texasweed
PREPLANT BURNDOWN																	
2,4-D	9	9	0	0	0	0	0	5	8	8	9	9	9	8	5	7	9
glyphosate	7	8	9	7	9	9	9	7	7	7	9	7	7	7	6	6	9
Gramoxone Extra	8	9	9	8	9	9	9	5 ³	6	7	9	9	7	8	4	7	9
Grandstand	9	8	0	0	0	0	0	5	9	7	9	9	8	8	-	7	9
PREEMERGENCE																	
Bolero PPS	4	0	8	8	8	7	-	5	4	7	3	0	6	4	-	7	5
Bolero (Delayed)	5	8	8	0	8	5	-	5	4	8	8	6	8	5	5	8	6
Clearpath	8	8	9	8	8	9	5	9	6	8	8	7	6	7	6	7	8
Command	0	0	9	0	8	8	7	0	0	7	0	0	-	0	-	7	0
Facet (Drill seeded)	8	8	9	0	0	9	5	2	4	3	4	7	6	7	0	5	4
NewPath (PRE or PPI)	8	7	8	8	8	9	5	9	6	8	8	4	6	4	6	7	8
Ordram (PPI)	4	2	8	8 ¹	5	7	6	4	0	0	0	2	2	0	5	3	0
Prowl/Pendimax (Delayed)	0	0	8	0	8	8	7	0	0	0	0	0	0	0	0	0	0
Prowl/Pendimax + Facet (Delayed)	8	8	9	0	8	9	9	4	6	3	3	8	4	7	0	3	6
POSTEMERGENCE																	
2,4-D Amine	9	9	0	0	0	0	0	2 ³	8	9	9	9	9	5	6	8	9
Aim ⁴	8	6	0	0	0	0	0	5	5	4	6	9	-	9	-	5	-
Aim+Grandstand	9	8	0	0	0	0	0	5	8	6	9	9	8	9	-	6	9
Arrosolo	6	9	9	0	8 ²	9	8 ²	5 ³	5	8 ²	7 ²	9	9	9 ²	6 ²	8 ²	8
Basagran	8	8	0	0	0	0	0	8	4	8	9	4	8	3	7 ²	9	2
Beyond	8	6	8	9	7	9	7	8	3	2	8	3	6	3	5	6	7
Bolero+Propanil	5	9	9	0	9	9	-	7	5	7 ²	7 ²	9	9	8 ²	6 ²	8 ²	8
Clearpath	8	9	9	8	6	9	6	7	6	3	3	8	6	8	6	6	7
Clincher	0	0	9	0	9	9	8	0	0	0	0	0	0	0	0	0	0
Facet	8	9	9	0	0	9	5 ²	4	6	3	3	8	3	8	0	3	6
Facet+Propanil	8	9	9	0	7 ²	9	8 ²	5 ³	6	7 ²	7 ²	9	8	9 ²	6 ²	7 ²	8
Grandstand	9	8	0	0	0	0	0	5	8	6	9	9	8	8	-	6	9
Grasp	3	7	9	0	3	3	3	8	7	8	8	9	7	7	8	7	6
HiDep 2,4-D	9	9	0	0	0	0	0	2 ³	8	9	9	9	9	5	6	8	9
Londax	5	8	0	0	0	0	0	8	7	9	9	6	9	6	6	8	8
Newpath (PRE+POST)	8	6	8	8	6	9	4	8	3	2	8	3	6	3	4	6	7
Ordram	0	5	9	0	5	7	-	5	0	0	0	2	2	0	4	6	2
Propanil	5	8	9	0	7 ²	9	8 ²	4 ³	5	6 ²	7 ²	7	8	8 ²	6 ²	6 ²	6
Propanil+Aim	9	8	9	0	7	9	8 ²	6	5	6	7	9	8	9	8 ²	6	6
Propanil+Londax	9	9	9	0	7 ²	9	8 ²	9	7	7	9	9	8	9 ²	8	8 ²	9
Pendimethalin+Facet	8	8	9	0	8	9	5 ²	4	6	3	2	8	4	7	0	3	6
Pendimethalin+Propanil	5	9	9	0	9	9	8 ²	5	5	7	9	9	8 ²	8 ²	6 ²	7	6
Permit	-	-	0	0	0	0	0	9	4	5	-	9	-	9	-	8	-
Permit+Londax	5	8	0	0	0	0	0	9	7	9	9	9	9	9	-	8	8
Regiment	8	6	9	0	3	3	0	7 ³	7	8 ²	8	8	7	8	7	7	8 ⁴
Ricestar HT	0	0	9	0	9	9	6	0	0	0	0	0	0	0	0	0	0
Strada	7	8	0	0	0	0	0	8	5	7	9	9	8	9	6	9	6
Ultra Blazer	5	4	0	0	0	0	0	0	4	3	9	9	0	0	0	0	5

¹With proper water management, ²Controlled only when small (less than 2 leaf), ³Annual sedge suppression, ⁴Weeds must be < 4 inches tall

Activity of selective herbicide programs for perennial grass control¹.

	Brook paspalum	Knotgrass	Creeping rivergrass ⁴	Water paspalum
Command PRE ²	4	5	4	5
Command PRE fb Clincher ³	5	9	8	8
Command + Facet PRE ²	4	5	4	5
Command + Facet PRE ² fb Clincher ³	5	9	8	9
Command PRE fb Grasp ³	5	5	7	5
Facet + Prowl DPRE2	4	6	5	7
Facet + Prowl DPRE fb Clincher ³	6	9	7	9
Grasp ³	4	2	6	2
Clincher fb Clincher ³	7	9	8	9
Newpath fb Beyond ³	7	9	8	8
Newpath fb Newpath ³	7	9	8	8
Regiment fb Regiment ³	3	2	7	2
Ricestar HT fb Ricestar HT ³	3	4	6	5
Stam ³	2	3	3	2

¹Control rating is based on herbicides applied to small actively growing plant segments.

²Two weeks after application

³One month application

⁴Also referred to as perennial barnyardgrass

Table 3. Seed per pound and average number of seed per square foot for important rice varieties.

Variety	Seed/lb	Seeding rate (lb/A)										
		30	40	60	70	80	90	100	110	120	130	140
		-----seed/ft ² -----										
Bengal	16839			23	27	31	35	39	43	46	50	54
Cheniere 05	19720			27	32	36	41	45	50	54	59	63
CLXL729	19423	13	18	27	31	36	40	45	49	54	58	62
CLXL730	20252	14	19	28	33	37	42	46	51	56	60	65
CLXP745	18768	13	17	26	30	34	39	43	47	52	56	60
CL131	19280			27	31	35	40	44	49	53	58	62
CL151	19931			27	32	37	41	46	50	55	59	64
CL161	18493			25	30	34	38	42	47	51	55	59
CL171	19395			27	31	36	40	45	49	53	58	62
Cocodrie	19017			26	31	35	39	44	48	52	57	61
Ecrevisse 05	17311			24	28	32	36	40	44	48	52	56
Jupiter 05	17258			24	28	32	36	40	44	48	52	55
LA 2028	17941			25	29	33	37	41	45	49	54	58
LA2082	19660			27	32	36	41	45	50	54	59	63
Pirogue	17953			25	29	33	37	41	45	49	54	58
Spring	20474			28	33	38	42	47	52	56	61	66
Trenasse	17957			25	29	33	37	41	45	49	54	58
Wells	18034			25	29	33	37	41	46	50	54	58
XL723	19519	13	18	27	31	36	40	45	49	54	58	63
XP744	19060	13	18	26	31	35	39	44	48	53	57	61

Plant Back Interval for Popular Rice Burndown Herbicides

2,4-D amine- sold under various trade names

-28 days prior to planting (consult individual labels)

Clarity

-Refer to label

Gramoxone Extra

-No plant back interval

-Apply anytime before, during, or after planting but before rice emergence

-Tips: use a crop oil or surfactant

-Gramoxone is a contact herbicide that is excellent on small annual broadleaves and grasses

-Use this herbicide with caution due to extreme toxicity

-Do not flood/flush within 48 hours of application to ensure complete kill of vegetation

Grandstand R

-21 days prior to planting in drill-seeded rice

-14 days prior to planting in water seeded rice

-Use a nonionic surfactant or crop oil concentrate

Harmony Extra

-45 days prior to planting

-Use a nonionic surfactant

-Does an excellent job on winter annuals but plant back interval is limiting

Ignite

-120 days prior to planting

Roundup- several formulations

-No plant back restrictions

-Apply anytime before, during, or after planting but before rice emergence

-In water seeded rice, apply herbicide to drained field only and do not re-flood field for 8 days

Touchdown iQ

-No plant back restrictions

-Apply anytime before, during, or after planting but before rice emergence

-In water seeded rice, apply herbicide to drained field only and do not re-flood field for 8 days

Valor

-30 days prior to planting

-Best when applied with a glyphosate formulation