



ICIS and Rice Information Databasing at PhilRice

Dindo Tabanao

Progress as of 2001

- >7000 entries of MR/PR historical pedigree data uploaded to central dbase
 - through PR 31102
 - irrigated, upland, saline, special purpose, cool-elevated
- Integration of irrigated lowland breeding program to ICIS
 - >3500 entries of 2001 DS and WS nurseries (central dbase)
 - ICIS concept introduced to PhilRice researchers



Welcome to PhilRice - OPAPA Database Management Project



Rice Information System
Malgaya Science City of Muñoz 3119, Nueva Ecija



[Site Map](#)

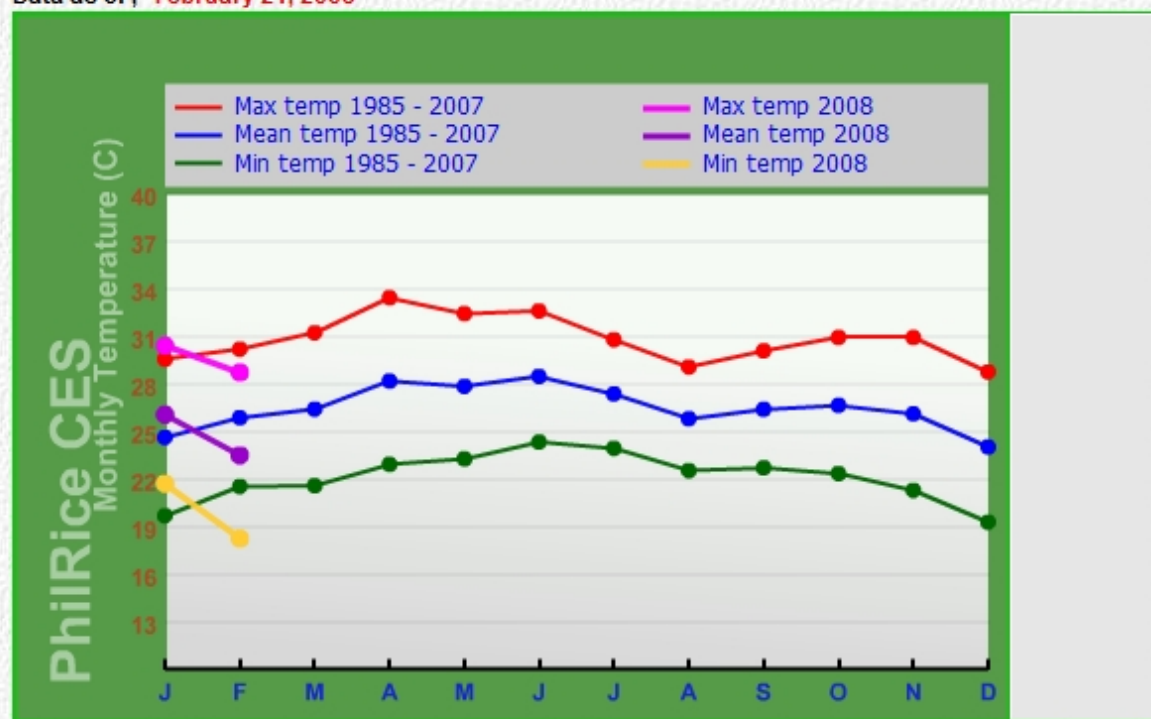
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Data as of; **February 21, 2008**



Rainfall Temperature Solar Rad RH Wind Speed Sun Duration Evaporation

[Decadal](#)



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Using ICIS for pedigree and trait data management (2007)

- Training and promotion
 - OJT of two staff at IRRI (March 21-22)
 - In-house workshop (May 11)



NCT Data in ICIS

Trial	Year	Season	Study
NCT-I	2001-2002	DS, WS	Transplanted I, II
			Direct-seeded I, II
	2006	DS	Transplanted I, II
			Direct-seeded I, II
MAT	2001-2002	DS, WS	Transplanted
			Direct-seeded

Microsoft Excel - Study.xls

File Edit View Insert Format Tools Data Window Help ICISworkbook

Type a question for help

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Study Setup Utilities Add-ins Help

Variate

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	A	B	C	D	E	F	G	H	I	J	K	L	M
1	STUDY	NCT-DR81-DS2001											
2	TITLE	National Cooperative Testing Direct Seeded I Dry Season 2001											
3	PMKEY	0											
4	OBJECTIVE	-											
5	START DATE	20001201											
6	END DATE	20010401											
7													
8	CONDITION	DESCRIPTION	PROPERTY	SCALE	METHOD	DATA TYPE	VALUE	LABEL					
9	YEAR		MONTH	YEAR(YYYY)	Not Specified	N	2001	STUDY					
10	SEASON		CROP SEASON	Season Code 0-1	Not Specified	N	0	STUDY					
11													
12	FACTOR	DESCRIPTION	PROPERTY	SCALE	METHOD	DATA TYPE		LABEL					
13	ENTRY CODE		CULTIVAR	Entry code	Not Specified	N		ENTRY CODE					
14	DESIGNATION		CULTIVAR	Variety/Line Name	Not Specified	C		DESIGNATION					
15	PARENTAGE		CULTIVAR	Parentage of variety	Not Specified	C		PARENTAGE					
16	LOCATION		CULTIVAR	Test Site	Not Specified	C		LOCATION					
17													
18	CONSTANT	DESCRIPTION	PROPERTY	SCALE	METHOD	DATA TYPE	VALUE						
19													
20	VARIATE	DESCRIPTION	PROPERTY	SCALE	METHOD	DATA TYPE							
21	DATE SEEDED		DATE SEEDED	Date (mm/dd/yr)	Not Specified	C							
22	HERBICIDE/WEED CONTROL USED		HERBICIDE/WEED CONTROL	Brand/Name	Not Specified	C							
23	PESTICIDES USED		PESTICIDES USED	Brand/Name	Not Specified	C							
24	N_1		NITROGEN FERTILIZER	kg/ha	First application	C							
25	N_2		NITROGEN FERTILIZER	kg/ha	Second application	C							
26	N_3		NITROGEN FERTILIZER	kg/ha	Third application	C							
27	N_4		NITROGEN FERTILIZER	kg/ha	Fourth application	C							
28	P205		PHOSPHORUS FERTILIZER	Kg/ha	First application	C							
29	K20_1		POTASSIUM FERTILIZER	kg/ha	First application	C							
30	K20_2		POTASSIUM FERTILIZER	kg/ha	Second application	C							
31	GRNYLD		GRAIN YIELD	Kg/ha	Paddy Rice	N							
32	MATURITY		DAYS TO MATURITY	No. of days	85% Mature Grains	N							
33	PLTHGT		PLANT HEIGHT	cm	At Maturity (Stages 7-9)	N							
34	PRODTIL		CULM NUMBER	No. of Productive tillers	At Growth Stage 5	N							
35	LODGING		LODGING INCIDENCE	% of plants that lodge	At Growth Stage 6-9	C							
36	PA		NUMBER OF PANICLES	Scale rating (1-9)	Not Specified	C							
37	UNIFORMITY		UNIFORMITY	U-uniform, NU-not uniform	Not Specified	C							
38	SEED SET		SEED SETTING	Percent	Not Specified	N							
39	1000 GRAIN WEIGHT		1000 GRAIN WEIGHT	grams	At Maturity (Stages 9)	N							
40	FILLED GRAINS		NO. OF FILLED GRAINS	Number of filled grains	Paddy rice	N							
41	UNFILLED GRAINS		NO. UNFILLED GRAINS	Number of unfilled grains	Paddy rice	N							
42	RXN TO PESTS AND DISEASES		REACTION TO PESTS AND DISEASES	BLB (blb) Bacterial leaf blight	Not Specified	C							
43	RESEARCHERS		RESEARCHERS	Name	Not Specified	C							
44													
45													
46													
47													
48													
49													
50													

ENTRY CODE							
A	B	C	D	E	F	G	
1	ENTRY CODE	DESIGNATION	PARENTAGE	LOCATION	DATE SEEDED	HERBICIDE/WEED CONTROL USED	PESTICIDES USED
2	1	PSB Rc28	IR28239-94-2-3-6/IR64	PhilRice, CES	1/5/2001	Pretilachlor+Fenchlorine+Butachlor	Diazinon
3	2	C5442-B-1	C3559--B-18-2-3-1-1-1/BURDAGOL	PhilRice, CES	1/5/2001	Pretilachlor+Fenchlorine+Butachlor	Diazinon
4	3	C5216-B-3-1-1	C3559--B-18-2-3-1-1-1/IR47310-16-2-2-2	PhilRice, CES	1/5/2001	Pretilachlor+Fenchlorine+Butachlor	Diazinon
5	4	IR 72	IR19661-9-2-3/IR15795-199-3-3/IR9129-209-2-2-2-1	PhilRice, CES	1/5/2001	Pretilachlor+Fenchlorine+Butachlor	Diazinon
6	5	IR64680-81-2-2-1-3	IR47761-27-1-3-6/IR52287-15-2-3-2	PhilRice, CES	1/5/2001	Pretilachlor+Fenchlorine+Butachlor	Diazinon
7	6	IR69710-7-2-1-2-2	IR59682-132-1-1-2/IR1561/UTRI RAJAPAN/IR1561	PhilRice, CES	1/5/2001	Pretilachlor+Fenchlorine+Butachlor	Diazinon
8	7	PR26353-B-7-35-2	PSB Rc22/PSB Rc18	PhilRice, CES	1/5/2001	Pretilachlor+Fenchlorine+Butachlor	Diazinon
9	8	C5224-B-2-1-1	C4133-B-9-1-2-1/CT9153-4-16-11-1	PhilRice, CES	1/5/2001	Pretilachlor+Fenchlorine+Butachlor	Diazinon
10	9	IR73887-1-8-2-1	IR64*3/O.RUFIPOGON(105910)/IR64	PhilRice, CES	1/5/2001	Pretilachlor+Fenchlorine+Butachlor	Diazinon
11	10	PR30244-AC-19-1	WAGWAG (ANTHER CULTURE)	PhilRice, CES	1/5/2001	Pretilachlor+Fenchlorine+Butachlor	Diazinon
12	11	PR27445-3B-12-1	SASANISHIKI/IR64-6-1/GUANDONG 7/IR23509-2-1	PhilRice, CES	1/5/2001	Pretilachlor+Fenchlorine+Butachlor	Diazinon
13	12	IR72875-94-3-3-2	IR64683-87-2-2-3-3/IR66863-186-2-1-1-2	PhilRice, CES	1/5/2001	Pretilachlor+Fenchlorine+Butachlor	Diazinon
14	13	IR68450-36-3-2-2-3	IR62921-74-2-2-3-3/IR62161-67-2-2-3-2	PhilRice, CES	1/5/2001	Pretilachlor+Fenchlorine+Butachlor	Diazinon
15	14	PR29880-15-18	IRBB 5/PSB Rc4/IT-11-8	PhilRice, CES	1/5/2001	Pretilachlor+Fenchlorine+Butachlor	Diazinon
16	15	PR26873-2-1	HITOMEBORE/PSB Rc12/PSB Rc12	PhilRice, CES	1/5/2001	Pretilachlor+Fenchlorine+Butachlor	Diazinon
17	16	PR24968-2-4-1-1	P3/SINANDOMENG	PhilRice, CES	1/5/2001	Pretilachlor+Fenchlorine+Butachlor	Diazinon
18	17	PR29255-2	PR26850-B8-2/PR27002-4	PhilRice, CES	1/5/2001	Pretilachlor+Fenchlorine+Butachlor	Diazinon
19	18	PR26610-B-17-1	ECIA 66/IR64	PhilRice, CES	1/5/2001	Pretilachlor+Fenchlorine+Butachlor	Diazinon
20	1	PSB Rc28	IR28239-94-2-3-6/IR64	UPLB	1/9/2001	Butachlor	Niclosamide+Cypermethrin
21	2	C5442-B-1	C3559--B-18-2-3-1-1-1/BURDAGOL	UPLB	1/9/2001	Butachlor	Niclosamide+Cypermethrin
22	3	C5216-B-3-1-1	C3559--B-18-2-3-1-1-1/IR47310-16-2-2-2	UPLB	1/9/2001	Butachlor	Niclosamide+Cypermethrin
23	4	IR 72	IR19661-9-2-3/IR15795-199-3-3/IR9129-209-2-2-2-1	UPLB	1/9/2001	Butachlor	Niclosamide+Cypermethrin
24	5	IR64680-81-2-2-1-3	IR47761-27-1-3-6/IR52287-15-2-3-2	UPLB	1/9/2001	Butachlor	Niclosamide+Cypermethrin
25	6	IR69710-7-2-1-2-2	IR59682-132-1-1-2/IR1561/UTRI RAJAPAN/IR1561	UPLB	1/9/2001	Butachlor	Niclosamide+Cypermethrin
26	7	PR26353-B-7-35-2	PSB Rc22/PSB Rc18	UPLB	1/9/2001	Butachlor	Niclosamide+Cypermethrin
27	8	C5224-B-2-1-1	C4133-B-9-1-2-1/CT9153-4-16-11-1	UPLB	1/9/2001	Butachlor	Niclosamide+Cypermethrin
28	9	IR73887-1-8-2-1	IR64*3/O.RUFIPOGON(105910)/IR64	UPLB	1/9/2001	Butachlor	Niclosamide+Cypermethrin
29	10	PR30244-AC-19-1	WAGWAG (ANTHER CULTURE)	UPLB	1/9/2001	Butachlor	Niclosamide+Cypermethrin
30	11	PR27445-3B-12-1	SASANISHIKI/IR64-6-1/GUANDONG 7/IR23509-2-1	UPLB	1/9/2001	Butachlor	Niclosamide+Cypermethrin
31	12	IR72875-94-3-3-2	IR64683-87-2-2-3-3/IR66863-186-2-1-1-2	UPLB	1/9/2001	Butachlor	Niclosamide+Cypermethrin
32	13	IR68450-36-3-2-2-3	IR62921-74-2-2-3-3/IR62161-67-2-2-3-2	UPLB	1/9/2001	Butachlor	Niclosamide+Cypermethrin
33	14	PR29880-15-18	IRBB 5/PSB Rc4/IT-11-8	UPLB	1/9/2001	Butachlor	Niclosamide+Cypermethrin
34	15	PR26873-2-1	HITOMEBORE/PSB Rc12/PSB Rc12	UPLB	1/9/2001	Butachlor	Niclosamide+Cypermethrin
35	16	PR24968-2-4-1-1	P3/SINANDOMENG	UPLB	1/9/2001	Butachlor	Niclosamide+Cypermethrin
36	17	PR29255-2	PR26850-B8-2/PR27002-4	UPLB	1/9/2001	Butachlor	Niclosamide+Cypermethrin
37	18	PR26610-B-17-1	ECIA 66/IR64	UPLB	1/9/2001	Butachlor	Niclosamide+Cypermethrin
38	1	PSB Rc28	IR28239-94-2-3-6/IR64	PhilRice, Isabela	12/27/2000	Pretilachlor+Fenchlorine	Phenom D
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44	7	PR26353-B-7-35-2	PSB Rc22/PSB Rc18	PhilRice, Isabela	12/27/2000	Pretilachlor+Fenchlorine	Phenom D
45	8	C5224-B-2-1-1	C4133-B-9-1-2-1/CT9153-4-16-11-1	PhilRice, Isabela	12/27/2000	Pretilachlor+Fenchlorine	Phenom D
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47	10	PR30244-AC-19-1	WAGWAG (ANTHER CULTURE)	PhilRice, Isabela	12/27/2000	Pretilachlor+Fenchlorine	Phenom D
48	11	PR27445-3B-12-1	SASANISHIKI/IR64-6-1/GUANDONG 7/IR23509-2-1	PhilRice, Isabela	12/27/2000	Pretilachlor+Fenchlorine	Phenom D
49	12	IR72875-94-3-3-2	IR64683-87-2-2-3-3/IR66863-186-2-1-1-2	PhilRice, Isabela	12/27/2000	Pretilachlor+Fenchlorine	Phenom D
50	13	IR68450-36-3-2-2-3	IR62921-74-2-2-3-3/IR62161-67-2-2-3-2	PhilRice, Isabela	12/27/2000	Pretilachlor+Fenchlorine	Phenom D
51	14	PR29880-15-18	IRBB 5/PSB Rc4/IT-11-8	PhilRice, Isabela	12/27/2000	Pretilachlor+Fenchlorine	Phenom D
52	15	PR26873-2-1	HITOMEBORE/PSB Rc12/PSB Rc12	PhilRice, Isabela	12/27/2000	Pretilachlor+Fenchlorine	Phenom D

ICIS-compliant projects

- Breeding for direct-seeded rice
- MAS studies

