

RICE GRAIN CHARACTERISTICS

PADDY IR 8 VARIETY



(98 DAYS)



FLOWERING

(126 DAYS)



MATURITY

(4)



THRESHABILITY

MILLING

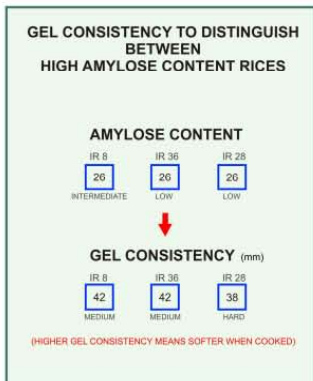
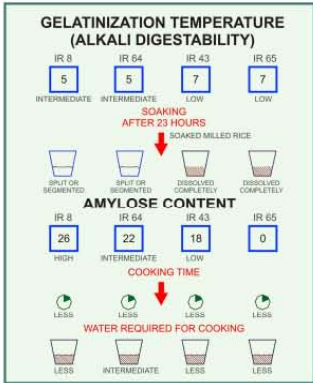
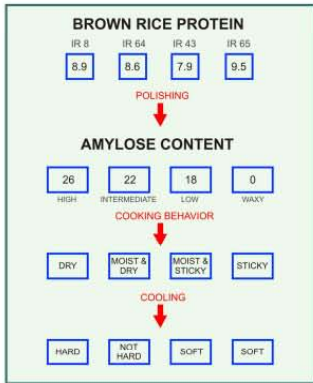
YIELD



3703 kg/ha

HEAD RICE
41%

BROKEN
(<3/4 GRAIN)
19%



HB/RYT/OYT (1976 WS - 1998 WS)

VARIETY	Days to Flowering	Days to Maturity	Threshability	Yield (kg/ha)	Head Rice (%)	Total Milled Rice (%)	Broken Rice (%)	Brown Rice Protein	Amylose Content	Gel Temperature	Gel Consistency	Grain Length	Grain Width (Shape)
IR5	107	134	3 (I)	3654	40	66	26	0.91	26 (H)	5 (I)	85 (S)	5 (M)	5 (B)
IR8	98	126	4 (H-H)	3703	41	60	19	0.89	26 (H)	7 (L)	42 (M)	3 (L)	5 (B)
IR20	93	121	4 (H-H)	4328	45	67	22	0.9	25 (H)	5 (I)	43 (M)	5 (M)	5 (B)
IR22	91	120	3 (I)	4281	57	64	7	0.9	26 (H)	7 (L)	38 (H)	3 (L)	1 (S)
IR24	92	122	3 (I)	4148	47	62	15	0.86	17 (L)	7 (L)	80 (S)	3 (L)	1 (S)
IR26	92	122	5 (H)	4599	45	67	22	0.9	25 (H)	7 (L)	58 (M)	5 (M)	5 (B)
IR28	76	105	4 (H-H)	4389	55	64	9	0.92	26 (H)	7 (L)	38 (H)	3 (L)	1 (S)
IR29	86	115	3 (I)	3787	58	62	4	0.89	2 (G)	7 (L)	93 (S)	3 (L)	1 (S)
IR30	80	109	4 (H-H)	4405	50	62	12	0.99	25 (H)	5 (I)	65 (S)	5 (M)	5 (B)
IR32	107	134	4 (H-H)	4605	37	65	28	0.9	26 (H)	5 (I)	77 (S)	3 (L)	1 (S)
IR34	99	126	3 (I)	3903	42	67	25	0.83	26 (H)	7 (L)	46 (M)	3 (L)	1 (S)
IR36	80	111	3 (I)	4801	44	67	23	0.97	25 (H)	5 (I)	42 (M)	3 (L)	1 (S)
IR38	91	120	4 (H-H)	4960	50	64	14	1.07	24 (H)	7 (L)	59 (M)	3 (L)	1 (S)
IR40	90	118	4 (H-H)	3849	52	65	13	0.94	25 (H)	5 (I)	45 (M)	5 (M)	5 (B)
IR42	103	132	3 (I)	4884	40	67	27	0.89	26 (H)	7 (L)	34 (H)	5 (M)	5 (B)
IR43	93	122	4 (H-H)	4359	40	67	27	0.79	18 (L)	7 (L)	80 (S)	3 (L)	2 (SM)
IR44	95	124	3 (I)	4857	40	65	25	0.89	26 (H)	7 (L)	44 (M)	3 (L)	2 (SM)
IR45	94	124	3 (I)	4566	34	66	32	0.78	25 (H)	7 (L)	50 (M)	3 (L)	1 (S)
IR46	95	121	3 (I)	4715	43	66	23	0.84	26 (H)	7 (L)	85 (S)	3 (L)	1 (S)
IR48	105	132	4 (H-H)	4587	42	68	26	0.86	23 (H)	7 (L)	55 (M)	3 (L)	1 (S)
IR50	78	107	3 (I)	4486	48	64	16	0.91	27 (H)	5 (I)	55 (M)	3 (L)	1 (S)
IR52	86	116	3 (I)	4741	43	68	25	0.87	26 (H)	7 (L)	46 (M)	3 (L)	1 (S)
IR54	95	123	3 (I)	4359	50	66	16	0.92	26 (H)	7 (L)	44 (M)	3 (L)	1 (S)
IR56	81	110	3 (I)	4409	42	68	26	0.95	27 (H)	7 (L)	44 (M)	3 (L)	1 (S)
IR58	74	104	3 (I)	4918	41	68	27	0.99	26 (H)	7 (L)	34 (H)	5 (M)	5 (M)
IR60	81	109	3 (I)	4867	48	69	21	1.09	26 (H)	7 (L)	56 (M)	3 (L)	1 (S)
IR62	88	117	3 (I)	5249	48	69	21	0.89	26 (H)	5 (I)	74 (S)	5 (M)	5 (M)
IR64	87	116	3 (I)	4837	58	69	11	0.86	22 (I)	5 (I)	77 (S)	3 (L)	1 (S)
IR65	88	117	3 (I)	4741	48	66	18	0.94	0 (G)	7 (L)	98 (S)	3 (L)	1 (S)
IR66	85	114	3 (I)	4997	54	67	13	0.9	26 (H)	5 (I)	90 (S)	3 (L)	1 (S)
IR68	96	125	3 (I)	4542	52	68	16	0.91	27 (H)	7 (L)	49 (M)	1 (EL)	1 (S)
IR70	98	127	3 (I)	5119	49	68	19	0.85	25 (H)	5 (I)	51 (M)	5 (M)	5 (M)
IR72	86	119	3 (I)	5336	41	70	29	0.8	26 (H)	5 (I)	82 (S)	3 (L)	1 (S)
IR74	100	129	3 (I)	4824	46	68	22	0.75	26 (H)	7 (L)	51 (M)	3 (L)	1 (S)
PSBRC1	92		3 (I)										
PSBRC2	99	129	3 (I)	5221	54	69	15	0.83	26 (H)	5 (I)	84 (S)	3 (L)	1 (S)
PSBRC4	77	108	3 (I)	5142	53	68	15	0.95	22 (I)	3 (H/I)	70 (S)	4 (ML)	3 (M)
PSBRC10	76	108	3 (I)	5523	48	70	22		25 (H)	5 (I)	57 (M)	3 (L)	1 (S)
PSBRC18	92	124	3 (I)	6029	53	71	18		22 (I)	5 (I)	67 (S)	3 (L)	1 (S)
PSBRC20	81	114	3 (I)	5279	55	70	15		22 (I)	3 (H/I)	71 (S)	3 (L)	1 (S)
PSBRC26 H	87	117	3 (I)	6375	49	67	18		24 (I)	22 (I)	72 (S)	5 (M)	5 (B)
PSBRC28	82	114	3 (I)	5591	57	69	12		21 (I)	3 (H/I)	56 (M)	3 (L)	1 (S)
PSBRC30	90	123	3 (I)	5318	48	67	19		22 (I)	3 (H/I)	64 (S)	3 (L)	1 (S)
PSBRC46	90	140	3 (I)						26 (H)	7 (L)	53 (M)	5 (M)	5 (B)
PSBRC48	92	121	5 (H)		35	59	24	0.69	26 (H)	7 (L)	36 (H)	5 (M)	5 (B)
PSBRC50	82		2 (I)						24 (I)	7 (L)	77 (S)	5 (M)	5 (B)
PSBRC52	87	118	3 (I)	6061	52	66	14		21 (I)	2 (H)	78 (S)	3 (L)	1 (S)
PSBRC54	88	121	3 (I)	5508	45	66	21		23 (I)	3 (H/I)	80 (S)	3 (L)	1 (S)
PSBRC64	97	129	3 (I)	5027	50	66	16		23 (I)	3 (H/I)	78 (S)	3 (L)	1 (S)
PSBRC68	93		3 (I)						24 (I)	5 (I)	99 (S)	3 (L)	1 (S)
PSBRC70	93		3 (I)						23 (I)	7 (L)	32 (H)	3 (L)	1 (S)
PSBRC72H	93	127	3 (I)	5919	47	57	10		22 (I)	22 (I)	80 (S)	3 (L)	1 (S)

HY - Hybrid
RYT - Replicate yield trial
OYT - Observation yield trial

H - High
I - Intermed.
G - Glutinous

H-High
H-Inter.
L-Low

S-Soft
M-Med
H-Hard

L-Long
M-Med
EL-Extra - Long

S-Slen.
M-Med.
B-Bold
SM-Slen-Med

For more information:
Joseph F. Rickman
Agricultural Engineering Unit,
IRRI, DAPO Box 7777, Metro Manila, Philippines.
Tel.: (63-2) 580-5600 loc. 2447
Fax: (63-2) 580-5699
Email: J.Rickman@cgiar.org

IRRI INTERNATIONAL RICE RESEARCH INSTITUTE

