

GxE Means (Fixed) in T/HA or the BLUEs

ENTNO	METNO	FIXED NAME (BLUE)	Muñ	Rank	SM	Rank	RTR	Rank	LB	Rank	Ubay	Rank	Mid	Rank	ACROSS	ARANK
1	MT6342	IR13T135	8.26	29	6.70	50	5.69	21	7.74	31	4.02	36	4.97	6	6.23	23
2	MT6349	IR12T266	7.57	60	7.55	7	5.30	43	8.33	5	5.39	1	4.08	39	6.37	17
3	MT6360	IR 101465-8:23	8.63	10	7.30	19	5.51	32	7.83	26	4.94	5	4.28	28	6.41	16
4	MT6361	IR 101465-8:42	8.89	6	7.87	2	5.78	15	7.96	15	3.87	40	4.66	16	6.50	9
5	MT6364	IR10F559	8.46	14	7.68	5	5.31	41	8.95	2	4.71	10	5.35	2	6.74	2
6	MT6374	IR12A295	8.54	12	6.83	47	5.59	26	7.60	40	4.42	21	3.30	63	6.05	34
7	MT6377	IR12N149	7.10	67	6.13	69	4.95	58	6.84	70	3.84	42	3.53	59	5.40	66
8	MT6378	IR12N176	7.56	61	6.87	44	5.52	31	7.11	59	4.70	11	4.23	30	6.00	40
9	MT6380	IR12N281	9.13	1	7.29	21	6.42	1	8.08	8	5.02	4	4.88	7	6.80	1
10	MT6382	IR13A269	8.61	11	7.16	27	5.31	40	7.69	34	4.91	6	4.99	5	6.45	12
11	MT6384	IR13N108	7.78	50	7.13	30	5.24	47	7.63	37	3.19	59	4.50	19	5.91	47
12	MT6385	IR13N130	7.84	47	6.92	41	5.74	18	6.89	68	3.73	47	3.75	51	5.81	51
13	MT6386	IR13N131	7.65	57	7.08	35	5.19	48	7.62	38	3.99	37	4.15	34	5.95	45
14	MT6387	IR13N132	7.96	44	6.68	52	5.62	24	7.52	47	4.49	17	3.53	60	5.97	41
15	MT6389	IR13N151	7.75	51	6.57	59	5.32	39	7.34	55	2.97	66	3.87	45	5.64	57
16	MT6391	IR12A185	8.36	22	7.51	8	5.84	12	8.20	7	4.48	18	4.85	10	6.54	8
17	MT6394	IR12A331	8.32	25	7.31	17	6.09	6	7.97	13	4.16	32	4.71	15	6.43	15
18	MT6397	IR12N249	8.38	19	6.91	43	4.97	56	7.80	28	4.59	14	4.14	35	6.13	30
19	MT6399	IR12A136	7.79	48	7.36	15	4.87	61	7.85	25	4.04	35	4.48	21	6.06	33
20	MT6400	IR12A258	8.09	37	7.10	32	5.74	19	8.39	4	4.23	27	4.22	31	6.30	19
21	MT6404	IR12A329	8.28	27	8.16	1	6.11	4	8.97	1	3.63	50	5.21	3	6.73	3
22	MT6406	IR12A211	7.91	45	7.22	22	5.09	52	7.69	33	3.87	39	4.34	24	6.02	36
23	MT6407	IR12A268	8.35	23	7.30	18	5.54	30	7.87	24	4.53	16	3.73	52	6.22	25
24	MT6408	IR12A341	8.33	24	7.10	33	5.43	35	7.48	50	4.67	13	4.34	23	6.23	24
25	MT6411	IR11A341	7.20	66	6.22	68	4.77	66	6.94	67	3.01	63	3.59	57	5.29	68
26	MT6412	IR12N279	8.14	35	7.49	9	5.75	16	7.62	39	4.82	8	4.78	13	6.43	14
27	MT6413	IR12A230	8.23	31	6.50	60	4.83	64	7.89	22	3.00	64	3.85	46	5.72	55
28	MT6414	IR12A340	8.04	39	7.20	24	5.27	45	7.47	51	4.31	24	4.17	33	6.08	32
29	MT6419	IR13N149	8.04	40	6.78	48	5.69	20	7.68	35	3.17	60	3.29	64	5.77	53
30	MT6422	IR13A107	8.37	20	7.37	14	6.29	2	8.03	10	5.14	3	4.08	40	6.55	7
31	MT6425	IR13A294	8.18	34	7.13	31	5.83	13	7.77	29	3.68	49	4.81	12	6.23	22
32	MT6429	IR12N235	8.20	32	6.58	58	5.45	33	7.92	20	3.87	38	3.65	54	5.95	43
33	MT6430	IR12A289	7.59	59	7.06	37	5.34	38	7.64	36	4.19	31	4.27	29	6.01	37
34	MT6431	IR12N242	8.04	41	7.05	38	5.95	8	7.82	27	4.47	19	3.76	50	6.18	27
35	MT6432	IR12A334	8.37	21	7.80	4	5.55	29	8.00	11	3.76	46	3.82	48	6.22	26

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36	MT6436	IR13A319	7.75	52	6.69	51	5.37	36	7.39	53	5.24	2	3.80	49	6.04	35
37	MT6437	IR13N115	7.98	43	7.06	36	5.84	11	8.22	6	4.79	9	4.10	37	6.33	18
38	MT6438	IR13P003	7.55	62	6.27	64	4.76	67	7.07	63	3.43	55	2.78	70	5.31	67
39	MT6445	IR13N103	7.63	58	7.14	28	5.94	9	7.88	23	3.14	61	4.30	26	6.01	38
40	MT6451	IR95624-B-28-3-B-B	6.57	71	6.49	61	4.55	72	7.02	64	2.04	71	4.34	25	5.17	69
41	MT6458	PR42837-NSIC Rc222-DR-12	8.38	17	7.29	20	5.93	10	7.95	18	4.21	28	4.83	11	6.43	13
42	MT6460	PR42837-NSIC Rc222-DR-35	8.74	8	7.40	12	5.78	14	7.76	30	4.59	15	5.74	1	6.67	6
43	MT6461	PR42837-NSIC Rc222-DR-10	9.04	2	7.20	23	5.61	25	7.49	49	3.86	41	4.50	20	6.28	21
44	MT6463	PR42837-NSIC Rc222-DR-41	8.27	28	7.37	13	6.26	3	7.96	16	4.30	25	4.58	18	6.46	11
45	MT6464	PR42837-NSIC Rc222-DR-11	8.93	4	7.47	10	5.99	7	7.91	21	4.91	7	4.86	9	6.68	5
46	MT6465	PR41395-NSICRc9-IVM2009DS 3-1-3	7.85	46	6.36	63	5.08	53	7.07	62	3.47	53	4.30	27	5.69	56
47	MT6467	PR 41210-2-3-1-B	8.09	36	6.86	45	5.02	54	7.21	57	3.61	51	4.88	8	5.95	44
48	MT6468	PR 39557-9-2-3-1-B	8.00	42	5.86	71	5.28	44	7.57	42	3.01	62	3.40	61	5.52	62
49	MT6469	14DS-GMET-20	8.89	5	7.61	6	5.36	37	7.54	46	4.37	23	3.95	43	6.29	20
50	MT6470	PR40614-AC1-6-3	7.68	56	6.58	57	5.17	50	7.96	17	3.54	52	3.60	56	5.76	54
51	MT6471	PR40853-6-1-2	8.43	15	6.92	42	5.00	55	7.97	12	4.41	22	4.09	38	6.14	29
52	MT6474	PR38577-B-6-B-B-B	8.81	7	7.19	25	6.11	5	7.54	45	4.13	33	5.12	4	6.48	10
53	MT6475	PR37925-B-3-2-1-1-1	8.25	30	6.67	53	4.97	57	7.46	52	3.19	58	3.09	67	5.60	59
54	MT6476	PR38710-2B-9-2-2-2-1	8.30	26	6.24	66	5.63	23	7.72	32	4.44	20	3.23	65	5.93	46
55	MT6477	PR39222-2B-28-2-1-3	7.71	55	6.94	40	5.18	49	7.10	60	3.73	48	4.71	14	5.89	48
56	MT6478	PR41825-B-109	7.78	49	7.42	11	4.64	69	7.51	48	3.79	44	3.58	58	5.79	52
57	MT6480	PR41834-3B-9	6.91	70	5.46	72	4.92	59	6.77	71	2.35	70	2.28	72	4.78	72
58	MT6481	14DS-GMET-7	8.39	16	6.77	49	5.56	27	8.05	9	3.33	57	2.98	68	5.85	50
59	MT6482	14DS-GMET-9	8.38	18	6.08	70	5.25	46	7.56	43	2.77	68	3.70	53	5.62	58
60	MT6484	14DS-GMET-13	8.68	9	7.35	16	5.30	42	7.97	14	4.08	34	3.10	66	6.08	31
61	MT6485	14DS-GMET-14	8.18	33	7.01	39	4.75	68	6.94	65	4.26	26	4.04	41	5.86	49
62	MT6486	14DS-GMET-15	8.95	3	6.62	55	5.65	22	7.94	19	3.00	65	3.60	55	5.96	42
63	MT6487	14DS-GMET-16	7.74	53	7.14	29	4.85	63	6.85	69	2.80	67	4.21	32	5.60	60
64	MT6633	IR 93343:1-B-6-3-8-1RGA-2RGA-1-B-B	7.73	54	6.86	46	4.60	71	7.30	56	3.43	54	2.84	69	5.46	64
65	MT6634	IR 95190:2-B-2-7-12-3-B	7.23	65	6.59	56	4.60	70	7.36	54	3.82	43	3.85	47	5.58	61
66	MT6635	IR 93354:8-B-5-1-6-1RGA-2RGA-1-B-B	7.08	68	6.23	67	4.86	62	7.13	58	1.77	72	3.39	62	5.07	70
67	MT6636	IR 95180:2-B-2-13-10-1-B	5.98	72	6.25	65	4.88	60	6.02	72	3.41	56	2.67	71	4.87	71
68	MT6637	IR 95134:2-B-3-16-2-2-B	7.07	69	6.47	62	4.81	65	6.94	66	3.77	45	4.01	42	5.51	63
69	MT4903	IRRI 154 (Rc222)	7.27	64	6.64	54	5.11	51	7.08	61	2.65	69	3.89	44	5.44	65
70	MT4904	IRRI 105 (Rc18)	7.55	63	7.09	34	5.45	34	7.57	41	4.21	29	4.13	36	6.00	39

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71	MT5435	IRRI 146 (Rc158)	8.06	38	7.17	26	5.55	28	7.54	44	4.21	30	4.35	22	6.15	28
72	MT5432	NSIC Rc124H	8.50	13	7.84	3	5.74	17	8.79	3	4.69	12	4.62	17	6.70	4

** - genotypic effect is highly significant; genotype is considered as fixed effect

Legend:

- Muñ - Muñoz, Nueva Ecija
- SM - San Mateo, Isabela
- RTR - RTRomualdez, Agusan del Norte
- LB - Los Banos, Laguna
- Ubay - Ubay, Bohol
- Mid - Midsayap, South Cotabato
- Mus - Musuan, Bukidnon
- ENTNO - entry number
- METNO - MET number
- FIXED NAME - line designation
- BLUE - Best Linear Unbiased Estimator
- BLUP - Best Linear Unbiased Predicted Means
- Rank - yield rank per site
- ACROSS - adjusted average yield across sites
- ARANK - across sites adjusted average yield ranking
- check variety
- across sites' top-yielding entry

Boxplot of T_HA

