


**LSMeans/BLUEs (Geno fixed) 13WS\_MET1 Module1 (Isabela)**

Site	METNO	Fixed Name	BLUEs	Rank
Isabela	MT5080	PR30658-3B-B-1-1	5.56	1
Isabela	MT5009	IR 11A257	5.37	2
Isabela	MT4918	IR09L324	5.33	3
Isabela	MT5100	Elite40	5.28	4
Isabela	MT4224	IR 09N501	5.26	5
Isabela	MT4971	IR85466H	5.12	6
Isabela	MT4526	PR37160-9-3-1-1-1-1	5.08	7
Isabela	MT4563	PR37285-17-31-12-1-21-1-2	5.05	8
Isabela	MT4997	IR 10A287	5.03	9
Isabela	MT4703	PR37171-1-1-1-2-1-1-1	4.99	10
Isabela	MT4021	IR 10G104	4.89	11
Isabela	MT4045	IR 09N534	4.87	12
Isabela	MT4555	PR36723-B-1-3-3-3-2	4.86	13
Isabela	MT4998	IR 11A327	4.85	14
Isabela	MT5069	PR 37787-5-3-2-3-2-B-B	4.84	15
Isabela	MT4577	PR37942-3B-5-1-1	4.80	16
Isabela	MT4581	PR37340-B-4-4	4.78	17
Isabela	MT4523	PR36831-42-1-2-2-1-1-1	4.75	18
Isabela	MT4990	IR 10A239	4.75	19
Isabela	MT4964	IR81955H	4.71	20
Isabela	MT4996	IR 11A155	4.67	21
Isabela	MT4525	PR37160-1-1-1-1-1-1	4.65	22
Isabela	MT4915	IR06L132	4.63	23
Isabela	MT4983	IR 10A317	4.63	24
Isabela	MT4039	IR 09N516	4.63	25
Isabela	MT4098	IR 07A257	4.62	26
Isabela	MT5113	PR39495VAC3438	4.60	27
Isabela	MT4582	PR37957-B-3-3-1-1	4.58	28
Isabela	MT5101	Elite66	4.58	29
Isabela	MT4534	PR37938-3B-3-1-1	4.56	30
Isabela	MT4022	IR 10G105	4.55	31
Isabela	MT4143	IR 09N127	4.53	32
Isabela	MT5000	IR 10A207	4.48	33
Isabela	MT4092	IR 10N276	4.48	34
Isabela	MT4580	PR37165-2-2-1-1-1	4.48	35
Isabela	MT5038	IR 10N389	4.47	36
Isabela	MT5076	PR37942-3B-5-1-2	4.46	37
Isabela	MT4551	PR38729-B-B-1-1	4.46	38
Isabela	MT5023	IR 11A298	4.43	39
Isabela	MT4208	Zhongzu 14	4.41	40
Isabela	MT4999	IR 10A199	4.39	41
Isabela	MT4070	IR 09A105	4.38	42

Site	METNO	Fixed Name	BLUEs	Rank
Isabela	MT5065	PR38712-2B-3-1-2	4.37	43
Isabela	MT5091	PR12-6-69	4.35	44
Isabela	MT5106	Elite81	4.35	45
Isabela	MT5099	Elite39	4.31	46
Isabela	MT5434	NSIC Rc132H (Mestizo 6)	4.30	47 *
Isabela	MT5064	PR38711-2B-1-2-1	4.29	48
Isabela	MT5019	IR 10A231	4.29	49
Isabela	MT5086	PR4-2-24	4.28	50
Isabela	MT5003	IR 10A314	4.26	51
Isabela	MT4002	HHZ 5-SAL 9-Y 3-Y 1	4.24	52
Isabela	MT4571	PR38001-3B-9-3-1	4.23	53
Isabela	MT4980	IR 10A240	4.23	54
Isabela	MT5088	PR8-5-58	4.22	55
Isabela	MT4288	IR 07A137	4.21	56
Isabela	MT5059	PR 38269-6-2-2-3-B	4.20	57
Isabela	MT4162	IR 10N134	4.20	58
Isabela	MT4947	HHZ 5-SAL14-SAL2-Y1	4.18	59
Isabela	MT4920	IR10L149	4.17	60
Isabela	MT5075	PR38009-3B-7-3-1	4.17	61
Isabela	MT4277	IR 10A135	4.16	62
Isabela	MT4637	PR37957-B-3-3-1-1-1	4.13	63
Isabela	MT4948	HHZ 5-SAL14-SAL2-Y2	4.12	64
Isabela	MT4051	IR 09A130	4.11	65
Isabela	MT4923	IR10L185	4.10	66
Isabela	MT4182	IR 09N540	4.09	67
Isabela	MT4255	IR 04A216	4.08	68
Isabela	MT4166	IR 10N272	4.08	69
Isabela	MT5110	Elite12	4.08	70
Isabela	MT5104	Elite74	4.05	71
Isabela	MT4083	IR10M243	4.04	72
Isabela	MT5093	PR3-1-5	4.02	73
Isabela	MT4097	IR 08N194	4.00	74
Isabela	MT4989	IR 10A235	3.99	75
Isabela	MT4935	IR 10C146	3.98	76
Isabela	MT4084	IR 09N126	3.98	77
Isabela	MT5061	PR39141-11-2-2-B	3.97	78
Isabela	MT5105	Elite77	3.96	79
Isabela	MT4003	HHZ 5-DT 8-DT 1-Y1	3.95	80
Isabela	MT4533	PR37274-6-32-8-2-2-1	3.94	81
Isabela	MT4954	HHZ 6-SAL16-LI1-LI1	3.93	82
Isabela	MT4539	PR37165-1-2-1-1-1-1	3.92	83
Isabela	MT4943	HHZ 5-DT20-DT2-DT1	3.91	84
Isabela	MT5433	NSIC Rc238	3.88	85
Isabela	MT5025	IR 11A314	3.85	86

Site	METNO	Fixed Name	BLUEs	Rank
Isabela	MT4944	HHZ 5-DT20-DT3-Y2	3.84	87
Isabela	MT4068	IR 09N496	3.83	88
Isabela	MT4111	IR 09N537	3.83	89
Isabela	MT5102	Elite68	3.80	90
Isabela	MT4139	IR 07A183	3.79	91
Isabela	MT4958	HHZ 17-Y16-Y3-SAL1	3.79	92
Isabela	MT5068	PR38854-30-2-3-1-B	3.77	93
Isabela	MT4134	IR 10A117	3.76	94
Isabela	MT4941	HHZ 2-Y3-Y1-Y1	3.76	95
Isabela	MT4995	IR 11A127	3.75	96
Isabela	MT4968	IR82391H	3.74	97
Isabela	MT4016	IR 10A136	3.74	98
Isabela	MT4558	PR38677-2-1	3.74	99
Isabela	MT4542	PR37956-3B-44-1	3.73	100
Isabela	MT4140	IR 07A250	3.73	101
Isabela	MT4532	PR37251-1-5-1-3	3.72	102
Isabela	MT5087	PR8-5-50	3.66	103
Isabela	MT4270	IR 10M239	3.65	104
Isabela	MT4227	IR 73004-3-1-2-1	3.64	105
Isabela	MT5006	IR 11A211	3.60	106
Isabela	MT4987	IR 10N323	3.59	107
Isabela	MT5026	IR 10N310	3.59	108
Isabela	MT4922	IR10L139	3.57	109
Isabela	MT4994	IR 10A237	3.56	110
Isabela	MT4955	HHZ 8-SAL6-SAL3-SAL1	3.55	111
Isabela	MT4281	Huanghuazhan	3.55	112
Isabela	MT4565	PR37241-3-1-3-1-2	3.51	113
Isabela	MT4282	KCD 1	3.50	114
Isabela	MT4210	IR 10F379	3.49	115
Isabela	MT4583	PR37934-3B-8-2-2	3.45	116
Isabela	MT4914	IR 78875-207-B-3	3.41	117
Isabela	MT4902	PSB Rc82	3.39	118
Isabela	MT4570	PR38001-3B-5-2-1	3.36	119
Isabela	MT5112	SPSI 36	3.36	120
Isabela	MT4901	PSB Rc10	3.35	121
Isabela	MT4048	IR 07A107	3.34	122
Isabela	MT4957	HHZ 15-DT4-DT1-Y1	3.34	123
Isabela	MT4079	IR 08N210	3.33	124
Isabela	MT4916	IR08L216	3.31	125
Isabela	MT4984	IR 10A323	3.26	126
Isabela	MT5052	IR 87934-2-2-3-B	3.26	127
Isabela	MT5035	IR 11A318	3.23	128
Isabela	MT4260	IR 09N514	3.21	129
Isabela	MT4024	IR 10N138	3.21	130

Site	METNO	Fixed Name	BLUES	Rank
Isabela	MT5029	IR 11N134	3.21	131
Isabela	MT4946	HHZ 5-SAL8-DT3-SUB1	3.19	132
Isabela	MT4579	PR35766-B-7-5-3-4-1	3.16	133
Isabela	MT4222	IR 03N137	3.15	134
Isabela	MT4972	IR85471H	3.00	135
Isabela	MT4251	IR 06M147	3.00	136
Isabela	MT5049	IR 88379-1-AJY1-B	2.98	137
Isabela	MT4122	IR 09N530	2.95	138
Isabela	MT4124	IR 09N199	2.95	139
Isabela	MT4294	IR 05A272	2.90	140
Isabela	MT4199	IR 09N506	2.90	141
Isabela	MT4170	IR 10A142	2.85	142
Isabela	MT4919	IR09L225	2.77	143
Isabela	MT5090	PR12-6-67	2.77	144
Isabela	MT4976	IR 10A325	2.64	145
Isabela	MT4128	IR 10A128	2.63	146
Isabela	MT4218	IR 09N508	2.44	147
Isabela	MT4921	IR10L182	2.32	148
Isabela	MT4027	IR 09A138	2.25	149
Isabela	MT5010	IR 10N375	2.20	150
Isabela	MT5096	Elite26	2.13	151
Isabela	MT5074	PR 37790-26-1-2-2-1-B-B	1.98	152
Isabela	MT4254	IR 09N184	1.96	153
Isabela	MT4011	HHZ 5-SAL 10-DT 3-Y 2	1.96	154
Isabela	MT4951	HHZ 5-Y7-Y2-SUB1	1.85	155
Isabela	MT4114	IR 08M113	1.75	156

 *top10 entries for Module1*

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*\* best check*

BLUES *Best Linear Unbiased Estimators*