

EXPLANATION TO FIELD HEADINGS, ABBREVIATIONS, VARIABLE NAMES.

FIELD HEADING	EXPLANATION
RACE	From natural or planted population
PROVREG	Provenance region
PROVNO	Provenance number
TRIALREG	Trial region
TRIAL	Trial number
SURTY	For survival at early evaluation (young): the genetic deviation, ie. the genetic estimate in percent of trial average
SURTO	For survival at late evaluation (old): the genetic deviation, ie. the genetic estimate in percent of trial average
Etc.	For at late evaluation (old): the genetic deviation, ie. the genetic estimate in percent of trial average

*) See the document "ASSESSMENT" for definition of characters.

SURT- (survival)	The proportion of live trees
HEAL3- (health)	The proportion of trees in good health
TPB- (tree size)	The average cross-sectional area at breast-height (square-cm) per tree (the variation pattern is the same as for diameter)
BA- (basal area)	Basal area per hectare sq-meter per hectare)
PER- (persist)	The average of all persistence classes (9 classes)
STRA- (stemform)	The average of all form classes (9 classes)
PILC- (pilodyn)	The average of pilodyn-readings (mm)
Barc- (bark)	The average bark thickness (mm)

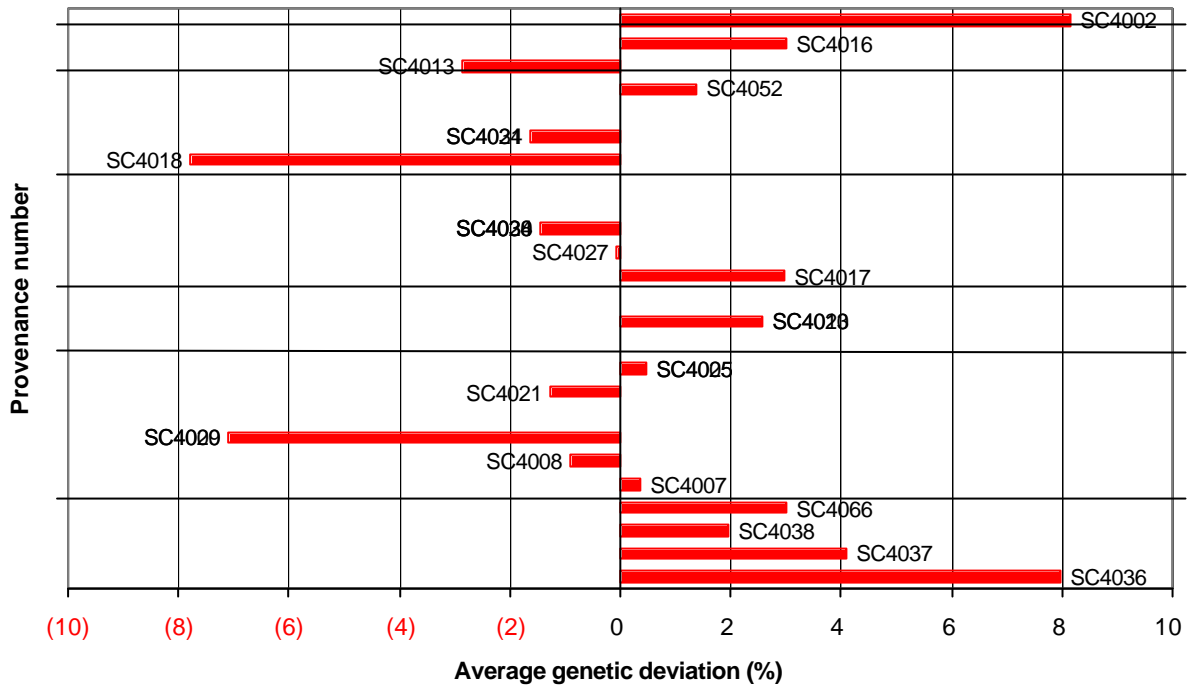
RACE	PROVREG	TRIALREG	TRIAL	PROVNO	SURTY	SURTO	HEAL3Y	HEAL3O	PERY	PERO	STRAY	STRAO	PILCY	PILCO	BAY	BAO	TPBAY	TPBAO	BARCO
L	AFRICA MOIST	ROW	GP011	SC4035	0.10	-0.64	0.00	0.00	-1.86	8.80	-3.84	0.06	1.84	-3.00	9.69	17.37	21.34	17.31	-0.48
L	AFRICA-SEMI-MOIST	ROW	GP011	SC4004	0.10	0.52	0.00	0.00	2.91	7.33	-1.53	-0.09	1.96	-4.37	4.12	5.24	18.63	16.39	-1.83
L	LATIN-AMERICA	ROW	GP011	SC4040	-0.24	-0.64	0.00	0.00	-6.88	-10.71	4.62	-0.34	0.25	-2.56	16.37	55.37	6.68	64.68	1.05
L	LATIN-AMERICA	ROW	GP011	SNGAMB	0.10	0.52	0.00	0.00	1.75	-10.23	-0.80	0.41	-1.50	5.94	7.06	0.55	7.67	15.69	-1.61
L	LATIN-AMERICA	ROW	GP011	SNYOMB	0.10	-0.06	0.00	0.00	-6.13	-6.38	6.44	-0.52	2.24	-5.51	-2.64	12.55	-5.73	8.09	-0.64
N	INDIA CENTRAL-EAST	ROW	GP011	SC4036	-0.11	-0.06	0.00	0.00	-5.43	19.65	-7.18	0.06	-4.35	4.91	10.17	-6.39	1.81	-20.09	4.44
N	INDIA CENTRAL-EAST	ROW	GP011	SC4037	0.10	1.11	0.00	0.00	8.90	-35.33	-1.45	0.35	-1.50	4.48	-9.70	-17.49	-11.99	-33.53	1.06
N	INDIA CENTRAL-EAST	ROW	GP011	SC4038	0.10	0.53	0.00	0.00	1.42	-4.21	-7.06	0.49	-4.21	4.93	2.06	-28.08	1.33	-37.37	0.73
N	INDIA CENTRAL-WEST	ROW	GP011	SC4008	-0.11	1.69	0.00	0.00	-6.10	23.33	-0.51	-0.25	-0.21	1.89	-16.49	-39.97	-15.43	-37.77	1.61
N	INDIA CENTRAL-WEST	ROW	GP011	SC4021	0.10	-0.06	0.00	0.00	4.41	9.66	2.97	-0.13	-3.66	-5.64	-1.59	-18.87	0.84	-3.49	-1.27
N	INDIA NORTH	ROW	GP011	SC4010	0.10	-0.06	0.00	0.00	-7.47	-1.70	-4.82	0.16	0.73	-5.48	4.84	39.96	15.81	61.78	0.85
N	INDIA NORTH-EAST	ROW	GP011	SC4017	0.10	-0.64	0.00	0.00	-5.62	15.31	3.15	-0.09	7.64	14.12	-1.49	-28.43	-7.47	-11.51	1.94
N	INDIA NORTH-EAST	ROW	GP011	SC4027	0.10	-0.06	0.00	0.00	1.93	26.15	5.87	-0.52	1.63	-4.39	-7.48	-8.23	-7.78	-2.46	-1.53
N	INDIA NORTH-EAST	ROW	GP011	SC4028	-0.46	0.53	0.00	0.00	-9.51	4.47	3.46	0.35	4.03	4.12	-2.36	24.30	-7.43	-3.29	-4.59
N	INDIA SOUTH-WEST	ROW	GP011	SC4024	0.10	0.53	0.00	0.00	4.37	-38.91	1.25	0.35	-2.27	-4.11	-0.98	9.19	0.37	-15.60	0.25
N	INDIA-CENTRAL NORTH	ROW	GP011	SC4016	0.10	1.10	0.00	0.00	12.41	-10.40	.	.	-0.68	-2.28	-1.23	-7.58	-5.41	-5.59	-0.58
L	AFRICA MOIST	ROW	GP019	SC4035	0.06	-0.29	0.00	2.23	-0.01	2.18	15.95	7.29	4.61	2.71	4.07	9.67	3.66	13.10	-0.34
L	LATIN-AMERICA	ROW	GP019	SC4040	0.06	0.36	0.00	0.49	0.01	0.14	2.96	-0.48	-1.01	-7.30	-13.74	-27.12	-13.90	-45.63	-0.59
N	INDIA CENTRAL-EAST	ROW	GP019	SC4036	0.42	0.23	0.00	-10.18	0.00	0.53	-5.58	-3.42	-4.78	-3.61	-0.02	-22.28	-7.86	-36.74	3.23
N	INDIA CENTRAL-EAST	ROW	GP019	SC4037	-0.18	-0.22	0.00	4.36	0.01	-1.91	-7.55	-1.00	-3.14	-2.62	-13.25	-30.31	-10.65	-29.08	-0.91
N	INDIA CENTRAL-EAST	ROW	GP019	SC4038	-0.38	-0.04	0.00	8.15	0.00	0.41	0.51	2.17	5.22	6.18	33.81	95.55	39.04	132.28	0.40
N	INDIA CENTRAL-WEST	ROW	GP019	SC4008	-0.04	-0.10	0.00	-6.55	0.00	-1.36	-7.71	-1.63	-8.37	-10.55	-11.29	-45.61	-9.81	-43.04	-0.14
N	INDIA NORTH	ROW	GP019	SC4010	0.02	-0.31	0.00	2.28	0.00	-1.43	0.34	-3.12	3.89	6.36	-0.88	21.66	-2.57	28.03	1.85
N	INDIA NORTH-EAST	ROW	GP019	SC4027	0.06	0.21	0.00	-0.56	0.00	1.81	2.76	0.85	1.55	3.22	0.95	11.30	1.51	0.59	-0.30
N	INDIA NORTH-EAST	ROW	GP019	SC4028	0.11	-0.07	0.00	-0.05	-0.01	0.50	2.19	-1.07	4.51	8.21	-5.18	1.31	-8.61	-9.55	-1.88
N	INDIA SOUTH-WEST	ROW	GP019	SC4024	-0.13	0.21	0.00	-2.27	0.00	-1.22	-4.57	0.32	-3.31	-3.07	1.76	-16.92	4.24	-15.40	-0.91
L	AFRICA-SEMI-MOIST	GHIV	GP021	SL 1	-1.73	2.24	0.52	5.71	-11.82	0.72	6.92	-0.70	5.76	8.88	29.69	30.70	46.49	40.92	-9.08
L	LATIN-AMERICA	GHIV	GP021	SC4040	19.98	31.30	-0.85	3.26	0.82	-0.53	16.52	7.75	12.78	9.12	-1.15	9.86	38.35	69.64	-11.47
N	INDIA CENTRAL-EAST	GHIV	GP021	SC4036	-3.93	-7.93	-6.73	2.47	3.82	0.77	-17.54	-4.85	-2.27	-6.70	-17.12	-21.41	-18.37	-30.74	9.13
N	INDIA CENTRAL-EAST	GHIV	GP021	SC4037	4.42	-5.75	-1.17	4.00	-1.15	-1.73	-11.85	-4.81	-0.61	4.41	-16.01	-18.00	-17.37	-22.33	8.43
N	INDIA CENTRAL-WEST	GHIV	GP021	SC4007	4.52	-3.69	-0.37	-26.48	-10.39	-23.25	-20.51	-5.17	-16.82	-16.84	-22.92	-46.50	-29.18	-49.23	0.37
N	INDIA CENTRAL-WEST	GHIV	GP021	SC4009	-28.15	-20.70	2.09	9.72	-2.62	5.00	12.23	2.21	2.34	3.99	46.39	74.32	10.92	18.55	-15.53
N	INDIA CENTRAL-WEST	GHIV	GP021	SC4025	-3.70	-9.48	0.42	-0.89	-1.71	-3.07	-10.73	-6.72	-4.49	-2.15	-18.67	-25.22	-33.24	-35.07	3.64
N	INDIA NORTH-EAST	GHIV	GP021	SC4017	-1.10	7.51	2.09	-6.85	5.16	8.08	13.57	9.56	-0.09	-1.76	-7.72	-9.63	-6.08	5.61	11.75
N	INDIA NORTH-EAST	GHIV	GP021	SC4028	15.20	20.64	0.42	6.13	9.70	3.42	10.00	5.97	7.64	7.52	-0.21	-0.72	31.84	31.78	-4.60
N	INDIA SOUTH-WEST	GHIV	GP021	SC4024	-12.42	-14.38	1.48	2.28	6.21	-2.26	-2.21	-6.17	-2.98	-5.33	8.93	0.11	-28.00	-36.22	-1.69
N	INDIA-CENTRAL NORTH	GHIV	GP021	SC4016	6.91	0.24	2.09	0.65	1.99	12.85	3.59	2.95	-1.24	-1.14	-1.20	6.48	4.65	7.10	9.05
L	AFRICA-SEMI-MOIST	GHIV	GP022	SL 1	9.62	0.44	-3.33	0.26	3.34	4.35	10.78	0.64	4.28	10.30	14.08	4.73	30.03	1.84	-6.94
L	LATIN-AMERICA	GHIV	GP022	SC4040	27.11	17.78	-0.40	9.08	-4.76	10.31	-2.40	0.07	12.08	5.14	34.77	46.86	77.15	74.85	-8.13
N	INDIA CENTRAL-EAST	GHIV	GP022	SC4036	-44.81	-18.70	3.58	-6.92	-1.65	-15.31	-23.87	-0.42	-9.17	-11.65	-15.87	-28.13	-52.02	-49.88	15.04
N	INDIA CENTRAL-EAST	GHIV	GP022	SC4037	-1.62	-8.53	-6.26	-1.76	4.55	-0.72	-8.61	-0.03	4.31	4.87	1.03	18.54	-4.41	4.28	4.09
N	INDIA CENTRAL-WEST	GHIV	GP022	SC4009	21.84	3.88	6.10	2.81	-8.17	-13.68	-1.72	-0.34	-9.85	-14.00	-13.33	-20.35	-13.48	-17.41	-11.73
N	INDIA CENTRAL-WEST	GHIV	GP022	SC4025	-57.21	-36.28	12.43	-8.80	-22.52	-15.53	-20.06	-0.14	-11.93	-11.36	-18.43	-34.31	-73.55	-72.98	-2.71
N	INDIA NORTH-EAST	GHIV	GP022	SC4017	-5.05	-5.80	3.77	0.86	7.87	20.55	13.18	0.19	0.51	2.84	-13.12	-10.32	-23.71	-19.37	6.28
N	INDIA NORTH-EAST	GHIV	GP022	SC4028	40.17	40.03	-19.33	0.60	21.08	5.47	23.78	0.29	11.08	11.99	5.23	11.17	49.53	57.82	-0.04
N	INDIA-CENTRAL NORTH	GHIV	GP022	SC4016	9.96	7.17	3.44	3.88	0.27	4.55	8.92	-0.26	-1.31	1.87	5.64	11.81	10.45	20.85	4.14
L	AFRICA-SEMI-MOIST	ROW	GP023	SL 1	-3.13	-6.14	-23.29	-0.75	0.00	0.00	5.54	1.45	-2.62	-4.54	-0.16	4.09	-2.14	-1.89	0.00
L	LATIN-AMERICA	ROW	GP023	SC4040	1.08	-5.81	12.06	0.01	0.00	0.00	2.53	-0.20	2.02	4.18	3.69	12.28	-1.57	0.00	0.00
N	INDIA CENTRAL-EAST	ROW	GP023	SC4037	2.09	6.44	3.79	0.56	0.01	0.00	-9.32	-2.03	-1.33	-0.65	-3.24	-9.87	-8.56	-7.53	0.00
N	INDIA CENTRAL-WEST	ROW	GP023	SC4009	-7.24	-11.91	-3.23	-0.82	0.00	0.00	-10.74	-1.74	-2.08	-6.60	-1.34	-2.66	-22.37	-14.47	0.00
N	INDIA CENTRAL-WEST	ROW	GP023	SC4025	-1.56	-2.83	7.33	0.13	0.00	0.00	1.71	-0.45	0.69	6.16	-0.07	0.80	-6.81	-2.07	0.00
N	INDIA NORTH-EAST	ROW	GP023	SC4017	-0.29	-4.79	0.26	-0.08	0.00	0.00	4.04	1.84	0.19	1.10	-3.64	-4.45	-4.33	-9.95	0.00
N	INDIA NORTH-EAST	ROW	GP023	SC4028	4.82	12.46	-12.82	0.11	0.00	0.00	6.51	0.55	4.25	0.25	4.61	22.78	20.27	0.00	0.00
N	INDIA-CENTRAL NORTH	ROW	GP023	SC4016	4.22	12.58	15.07	0.83	0.00	0.00	-1.05	0.21	-1.33	1.63	0.66	4.67	10.69	19.34	0.00
L	MALAYSIA	ROW	GP052	SM 10	0.30	4.20	16.89	1.70	0.02	1.69	4.55	6.94	5.70	-2.75	0.23	55.36	28.64	73.69	.
N	INDIA CENTRAL-WEST	ROW	GP052	SC4009	-0.05	-1.61	-12.88	-0.99	0.09	-4.25	-0.59	-5.08	-6.96	-5.12	-1.23	-42.41	-75.47	-56.49	.
N	INDIA CENTRAL-WEST	ROW	GP052	SC4020	-1.42	-27.97	-40.52	-14.16	-0.03	1.29	0.40	3.13	1.83	-5.09	0.39	-43.29	-83.39	-76.51	.
N	INDIA NORTH	ROW	GP052	SC4005	0.14	8.93	-3.69	3.91	-0.01	-1.29	-3.21	-4.86	1.02	6.58	1.18	30.96	41.66	35.58	.
N	INDIA NORTH-EAST	ROW	GP052	SC4017	0.12	4.99	9.26	0.29	0.02	-3.52	-7.25	-2.66	-0.91	-0.52	-0.46	-28.68	3.99	-5.34	.
N	INDIA NORTH-EAST	ROW	GP052	SC4027	0.30	14.22	4.02	5.29	0.01	0.77	-1.53	-3.61	-4.74	1.50	-0.25	8.11	19.73	20.66	.

RACE	PROVREG	TRIALREG	TRIAL	PROVNO	SURTY	SURTO	HEAL3Y	HEAL3O	PERY	PERO	STRAY	STRAO	PILCY	PILCO	BAY	BAO	TPBAY	TPBAO	BARCO
N	INDIA NORTH-EAST	ROW	GP052	SC4028	-0.28	-1.09	10.03	5.35	0.05	-0.63	-5.32	-4.14	1.04	4.12	0.23	13.22	-0.24	-7.42	.
N	INDIA NORTH-EAST	ROW	GP052	SC4030	0.30	-8.61	1.42	-0.16	-0.07	0.13	-7.61	0.50	3.92	1.89	-0.24	7.10	7.47	-3.76	.
N	INDIA NORTH-EAST	ROW	GP052	SC4034	0.30	11.66	3.67	-0.25	-0.04	3.12	-0.17	-1.27	-3.24	-0.32	-0.13	-8.86	17.38	8.34	.
N	INDIA SOUTH-WEST	ROW	GP052	SC4031	0.30	-4.73	11.80	-0.97	-0.02	2.34	20.71	10.74	2.22	0.20	0.68	19.68	42.14	12.66	.
L	LATIN-AMERICA	ROW	GP053	SC4040	-1.28	3.17	-1.09	0.00	4.45	2.09	7.28	9.50	0.18	4.15	51.82	24.60	56.00	26.70	-5.54
L	MALAYSIA	ROW	GP053	SN017S	0.80	8.29	3.78	0.00	4.85	1.71	0.40	8.32	-3.07	0.81	40.66	53.27	51.65	64.70	-13.77
L	MALAYSIA	ROW	GP053	SN0181	0.80	0.48	-0.63	0.00	0.33	3.06	-0.27	0.68	2.72	2.31	3.03	-20.57	4.47	-22.45	-0.56
N	INDIA CENTRAL-EAST	ROW	GP053	SC4037	3.17	13.15	-3.17	0.00	-1.71	0.77	-1.07	-2.30	2.43	2.74	31.69	45.23	43.48	61.56	11.91
N	INDIA CENTRAL-EAST	ROW	GP053	SC4038	2.46	9.64	-2.51	0.00	-1.46	9.90	-0.83	9.33	6.33	1.35	-1.19	32.67	5.39	42.70	4.77
N	INDIA CENTRAL-EAST	ROW	GP053	SC4066	-2.65	-11.64	0.30	0.00	-2.35	-12.67	-0.56	-6.57	-0.58	2.04	-18.07	-31.57	-34.99	-46.93	3.02
N	INDIA CENTRAL-WEST	ROW	GP053	SC4008	-3.63	-13.26	-3.32	0.00	0.82	-9.56	0.53	-6.80	-6.17	-4.56	-46.59	-57.17	-57.34	-64.42	-4.45
N	INDIA NORTH	ROW	GP053	SC4010	2.46	12.17	-0.28	0.00	0.43	7.36	-0.51	0.70	-0.56	0.33	-14.64	-12.63	-19.05	-5.07	7.70
N	INDIA NORTH-EAST	ROW	GP053	SC4017	-5.77	-11.16	-3.71	0.00	1.27	-3.47	1.37	1.60	-3.25	-4.35	-12.66	-33.38	-21.81	-42.75	-2.46
N	INDIA SOUTH-WEST	ROW	GP053	SC4018	-1.09	-8.37	3.78	0.00	1.43	5.98	-0.35	3.01	0.65	-2.28	-13.58	-16.81	-12.79	-26.41	-7.79
N	INDIA SOUTH-WEST	ROW	GP053	SC4024	2.75	-6.24	3.78	0.00	-6.57	-4.91	0.78	-10.28	-0.17	-6.84	-27.57	-24.90	-34.47	-31.96	-3.29
N	INDIA SOUTH-WEST	ROW	GP053	SC4052	3.48	6.03	-0.92	0.00	-0.54	-2.92	-4.30	-1.28	-3.07	0.04	-4.59	17.84	1.17	20.00	1.39
N	THAILAND	ROW	GP053	SC4002	-1.49	-2.26	3.78	0.00	-4.33	1.80	-3.96	-7.50	4.64	1.88	11.61	25.46	10.41	20.98	8.15
L	LATIN-AMERICA	ROW	GP055	SL 5	2.48	4.32	0.83	-0.50	0.83	-0.64	-3.71	1.53	1.54	6.73	15.98	8.24	22.93	19.44	-0.53
N	INDIA CENTRAL-WEST	ROW	GP055	SC4008	-0.43	1.13	0.36	-0.22	-1.38	0.48	6.76	2.34	-7.67	-12.65	-16.87	-21.20	-21.84	-17.15	-0.61
N	INDIA CENTRAL-WEST	ROW	GP055	SC4009	-0.80	-4.03	0.28	-0.17	-0.40	-0.07	3.53	1.77	-3.91	-4.95	4.76	-3.97	6.34	-7.40	-1.11
N	INDIA CENTRAL-WEST	ROW	GP055	SC4025	-8.70	-8.24	0.33	-0.20	0.01	0.25	-4.76	-3.95	-3.06	-2.86	-2.26	4.98	-14.96	-17.46	0.98
N	INDIA NORTH	ROW	GP055	SC4010	-1.31	-0.56	-0.23	0.14	-0.14	0.30	-4.74	-1.88	0.68	3.00	-4.25	-0.08	-5.46	0.11	-0.09
N	INDIA NORTH-EAST	ROW	GP055	SC4017	1.38	1.17	0.22	-0.13	0.13	0.29	-2.54	1.34	5.13	5.29	-1.48	-0.05	-0.31	-1.02	0.40
N	INDIA NORTH-EAST	ROW	GP055	SC4027	2.48	0.33	-0.85	0.51	0.73	0.10	-1.88	0.28	3.29	4.49	13.67	15.14	21.39	20.50	1.64
N	INDIA NORTH-EAST	ROW	GP055	SC4028	1.38	2.22	0.06	-0.04	-0.30	-0.21	2.76	0.39	6.24	6.07	6.17	22.53	8.76	19.30	2.48
N	INDIA SOUTH-WEST	ROW	GP055	SC4024	1.38	2.22	-0.17	0.10	-0.29	0.32	-1.86	-2.79	0.34	-1.37	-4.79	-7.72	-4.14	-3.42	-2.48
N	INDIA-CENTRAL NORTH	ROW	GP055	SC4013	0.77	-0.79	-0.21	0.13	0.14	0.08	2.30	0.37	-3.55	-4.63	-7.21	-11.22	-9.75	-10.16	-2.86
N	INDIA-CENTRAL NORTH	ROW	GP055	SC4016	1.38	2.22	-0.62	0.37	0.67	-0.90	4.14	0.61	0.97	0.89	-3.76	-6.64	-2.96	-2.75	2.50
L	OCEANIC-WEST	ROW	GP078	SN1330	-0.00	30.49	9.69	-0.01	-0.06	7.13	5.80	15.84	0.86	6.95	15.09	12.39	15.33	49.64	.
L	OCEANIC-WEST	ROW	GP078	SN1393	-0.00	6.92	9.69	0.01	0.10	4.01	10.77	14.19	13.46	8.98	-14.59	-14.81	-14.21	-7.99	.
L	OCEANIC-WEST	ROW	GP078	SN1398	-0.00	3.65	9.04	0.01	0.20	5.53	7.55	21.96	6.40	8.37	-1.80	17.25	-1.39	22.64	.
N	INDIA CENTRAL-WEST	ROW	GP078	SC4009	-0.00	-26.61	2.65	-0.05	0.06	0.37	-8.87	-17.11	-12.91	-8.36	-12.20	-18.14	-11.82	-39.36	.
N	INDIA CENTRAL-WEST	ROW	GP078	SC4020	-0.00	6.90	7.25	0.04	0.01	3.93	-3.87	-4.20	3.23	1.89	11.75	9.29	11.04	18.07	.
N	INDIA NORTH	ROW	GP078	SC4023	-0.00	-7.63	-12.42	-0.06	0.04	-5.97	2.24	5.02	-2.94	-5.34	-11.29	-11.01	-10.92	-17.18	.
N	INDIA NORTH-EAST	ROW	GP078	SC4017	-0.00	-14.06	-0.55	-0.03	0.05	-2.36	-5.02	-7.82	0.23	1.75	16.13	10.43	16.37	-2.42	.
N	INDIA NORTH-EAST	ROW	GP078	SC4027	0.00	1.68	-1.97	0.04	-0.05	-1.31	-13.97	-23.03	-1.72	-3.39	10.08	7.27	8.90	10.80	.
N	INDIA NORTH-EAST	ROW	GP078	SC4034	-0.00	15.70	-2.91	0.04	-0.34	2.88	-2.90	-13.06	3.17	0.06	13.45	1.90	13.70	18.28	.
N	INDIA SOUTH-WEST	ROW	GP078	SC4018	0.00	-33.53	-3.85	0.01	-0.02	-10.17	4.15	-1.24	-5.89	-1.56	-6.60	3.30	-6.52	-28.45	.
N	INDIA-CENTRAL NORTH	ROW	GP078	SC4016	-0.00	16.48	-14.06	0.00	0.03	4.66	1.58	9.15	-2.96	-9.02	-14.55	-21.51	-14.98	-11.11	.
L	OCEANIC-WEST	ROW	GP079	SN1330	-0.11	0.87	-3.65	0.04	4.69	5.34	4.02	6.25	1.34	4.51	2.62	28.46	2.36	28.11	.
L	OCEANIC-WEST	ROW	GP079	SN1393	0.02	-0.10	2.74	0.00	-1.66	0.44	2.01	0.75	2.78	1.95	-0.92	-1.23	0.92	-4.38	.
L	OCEANIC-WEST	ROW	GP079	SN1398	0.02	1.67	4.88	0.00	2.36	1.69	1.97	2.37	1.43	1.53	14.33	31.72	11.01	34.15	.
L	OCEANIC-WEST	ROW	GP079	SN1414	0.04	3.51	0.94	-0.01	-0.59	4.15	9.00	12.45	2.28	6.73	5.62	4.94	7.04	17.91	.
N	INDIA CENTRAL-WEST	ROW	GP079	SC4009	-0.08	-2.08	4.48	0.00	2.22	1.66	-0.54	4.42	-0.05	-0.63	0.68	-15.74	2.13	-28.90	.
N	INDIA CENTRAL-WEST	ROW	GP079	SC4020	-0.02	-0.57	0.33	0.00	1.04	-0.91	-0.18	-0.72	1.09	3.25	-1.87	-6.25	-0.68	-6.31	.
N	INDIA NORTH	ROW	GP079	SC4023	0.06	-0.70	1.98	0.01	-2.62	-2.87	0.64	2.37	-0.98	-5.36	-0.62	-4.17	-2.92	-13.97	.
N	INDIA NORTH-EAST	ROW	GP079	SC4017	0.02	-3.58	-10.82	0.00	-0.64	-0.06	-2.98	-6.89	-2.24	-2.75	-4.25	-6.23	-3.16	-7.49	.
N	INDIA NORTH-EAST	ROW	GP079	SC4027	-0.05	4.44	-3.40	0.00	-3.80	-6.82	-6.10	-8.45	-2.03	-3.17	-3.58	0.30	-4.48	8.77	.
N	INDIA NORTH-EAST	ROW	GP079	SC4034	0.10	1.34	0.62	-0.01	-1.89	-2.96	-6.10	-10.37	-0.86	-1.60	5.24	3.75	2.41	14.63	.
N	INDIA-CENTRAL NORTH	ROW	GP079	SC4016	0.00	-4.80	0.27	-0.01	0.55	3.02	-1.81	-2.24	-4.14	-5.72	-13.51	-27.26	-11.31	-35.12	.
L	OCEANIC-WEST	ROW	GP080	SN1330	-0.55	12.95	-0.01	0.01	-1.46	-1.16	-0.02	-1.12	0.03	-1.55	6.12	2.06	8.11	26.24	.
L	OCEANIC-WEST	ROW	GP080	SN1398	-1.96	-3.69	0.00	0.12	2.01	5.37	0.00	0.89	1.27	1.42	6.33	1.23	-1.03	-9.21	.
N	INDIA CENTRAL-WEST	ROW	GP080	SC4009	-2.25	-20.31	0.00	0.29	-9.16	-10.95	0.02	-10.51	-6.95	-8.92	-12.49	-0.97	-20.47	-38.20	.
N	INDIA CENTRAL-WEST	ROW	GP080	SC4020	-1.39	-9.89	0.00	0.06	1.95	2.12	0.00	-0.15	-3.41	-0.21	-3.16	-1.08	-4.74	-17.12	.
N	INDIA NORTH	ROW	GP080	SC4023	0.18	-10.63	0.00	0.29	-8.64	-11.54	0.01	-8.30	-2.75	1.07	-15.94	10.68	-13.84	-10.30	.
N	INDIA NORTH-EAST	ROW	GP080	SC4017	1.04	15.08	0.01	-0.51	1.18	3.29	-0.01	5.37	4.62	3.76	7.67	1.48	11.45	33.45	.
N	INDIA NORTH-EAST	ROW	GP080	SC4027	1.04	8.38	0.00	-0.46	3.64	2.28	0.00	-0.61	2.29	2.32	5.88	0.80	12.42	18.73	.
N	INDIA NORTH-EAST	ROW	GP080	SC4034	1.51	13.14	0.01	0.29	3.33	0.59	0.01	1.44	2.26	2.30	17.27	5.23	27.06	37.98	.
N	INDIA SOUTH-WEST	ROW	GP080	SC4018	1.04	0.69	0.00	-0.11	2.42	1.88	-0.01	4.49	5.47	0.78	10.91	-2.12	9.44	-1.45	.
N	INDIA-CENTRAL NORTH	ROW	GP080	SC4016	1.33	-5.72	0.00	-0.39	0.49	3.90	-0.02	8.37	0.00	-1.31	-22.07	-16.31	-25.86	-28.90	.

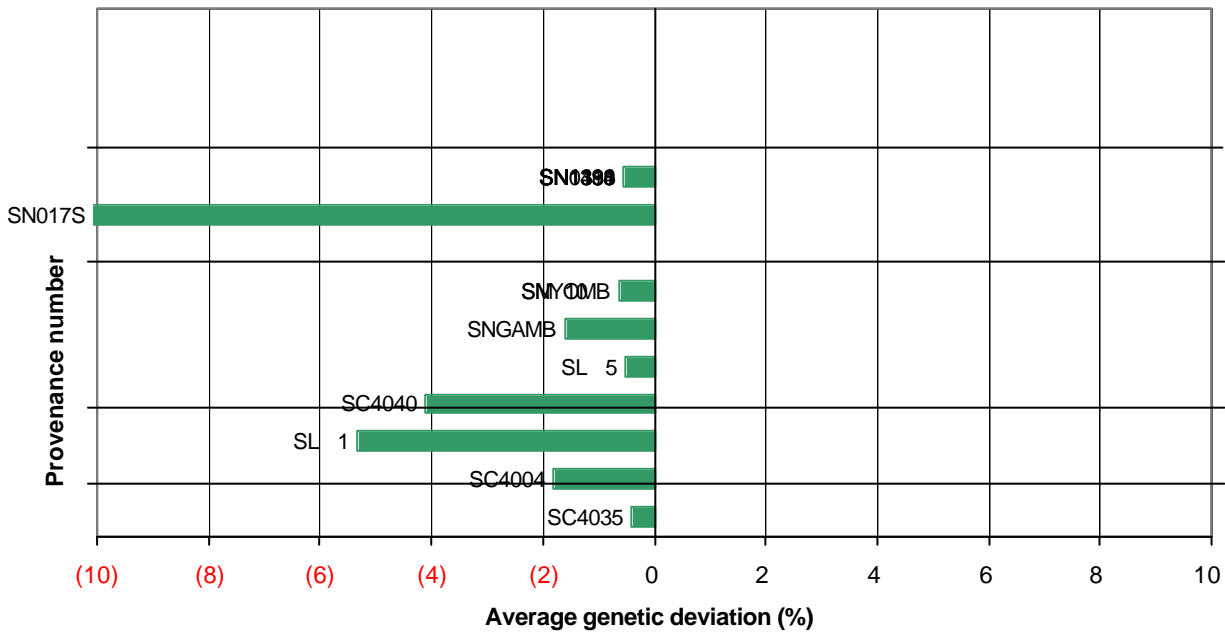
Bark thickness at late stage (age ~13 years) - predicted percent deviations from trial average (%)

PROVENANCE													Overall simple mea
REGION	NUMBER	GP021	GP022	GP011	GP019	GP023	GP052	GP053	GP055	GP078	GP079	GP080	
AFRICA MOIST	SC4035			(0)	(0)								(0)
AFRICA-SEMI-MOIST	SC4004			(2)									(2)
	SL 1	(9)	(7)			0							(5)
LATIN-AMERICA	SC4040	(11)	(8)	1	(1)	0		(6)					(4)
	SL 5								(1)				(1)
	SNGAMB			(2)									(2)
	SNYOMB			(1)									(1)
MALAYSIA	SM 10												
	SN017S							(14)					(14)
	SN0181							(1)					(1)
OCEANIC-WEST	SN1330												
	SN1393												
	SN1398												
	SN1414												
INDIA CENTRAL-EAST	SC4036	9	15	4	3								8
	SC4037	8	4	1	(1)	(0)		12					4
	SC4038			1	0			5					2
	SC4066							3					3
INDIA CENTRAL-WEST	SC4007	0											0
	SC4008			2	(0)			(4)	(1)				(1)
	SC4009	(16)	(12)			(0)			(1)				(7)
	SC4020												
	SC4021			(1)									(1)
	SC4025	4	(3)			0			1				0
INDIA NORTH	SC4005												
	SC4010			1	2			8	(0)				3
	SC4023												
INDIA NORTH-EAST	SC4017	12	6	2		(0)		(2)	0				3
	SC4027			(2)	(0)				2				(0)
	SC4028	(5)	(0)	(5)	(2)	0			2				(1)
	SC4030												
	SC4034												
INDIA SOUTH-WEST	SC4018							(8)					(8)
	SC4024	(2)		0	(1)			(3)	(2)				(2)
	SC4031												
	SC4052							1					1
INDIA-CENTRAL NORT	SC4013								(3)				(3)
	SC4016	9	4	(1)		(0)			3				3
THAILAND	SC4002							8					8

**Natural sources - Bark thickness
at late evaluation (overall average = 10.7 mm)**



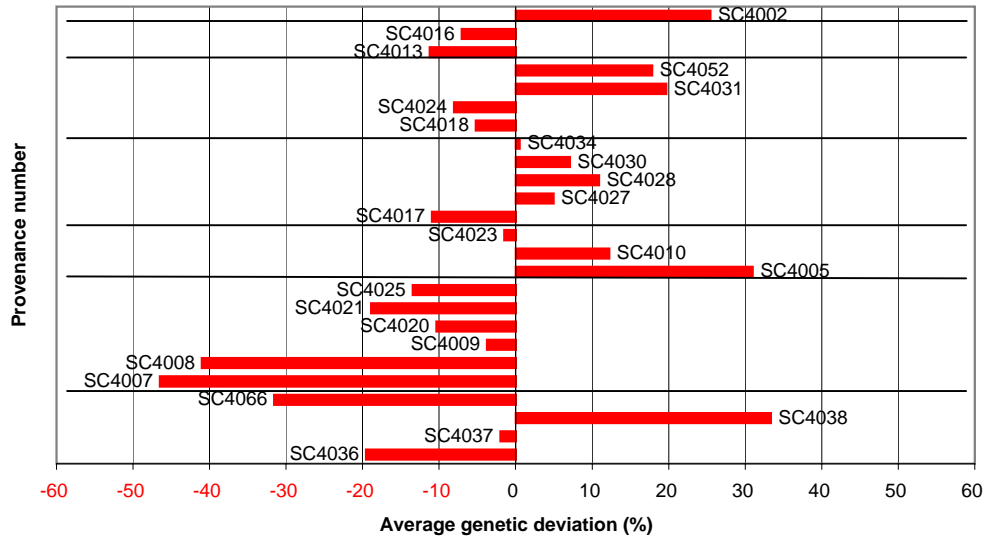
**Landraces - Bark thickness
at late evaluation (overall average = 10.7 mm)**



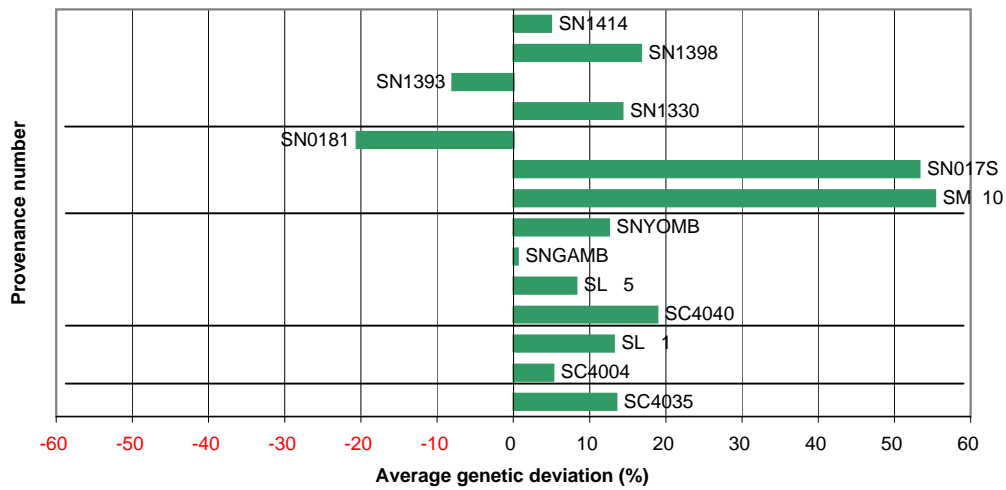
Basal area per hectare at late stage (age ~13 years) - predicted percent deviations from trial average

PROVENANCE														
REGION	NUMBER	GP021	GP022	GP011	GP019	GP023	GP052	GP053	GP055	GP078	GP079	GP080	Overall simple mean	
AFRICA MOIST	SC4035			17	10								14	
AFRICA-SEMI-MOIST	SC4004			5									5	
	SL 1	31	5			4							13	
LATIN-AMERICA	SC4040	10	47	55	-27	4		25					19	
	SL 5								8				8	
	SNGAMB			1									1	
	SNYOMB			13									13	
MALAYSIA	SM 10						55						55	
	SN017S							53					53	
	SN0181							-21					-21	
OCEANIC-WEST	SN1330									12	28	2	14	
	SN1393									-15	-1		-8	
	SN1398									17	32	1	17	
	SN1414										5		5	
INDIA CENTRAL-EAST	SC4036	-21	-28	-6	-22								-20	
	SC4037	-18	19	-17	-30	-10		45					-2	
	SC4038			-28	96			33					33	
	SC4066							-32					-32	
INDIA CENTRAL-WEST	SC4007	-47											-47	
	SC4008			-40	-46			-57	-21				-41	
	SC4009	74	-20			-3	-42		-4	-18	-16	-1	-4	
	SC4020						-43			9	-6	-1	-10	
	SC4021			-19									-19	
	SC4025	-25	-34			1			5				-13	
INDIA NORTH	SC4005						31						31	
	SC4010			40	22			-13	-0				12	
	SC4023									-11	-4	11	-2	
INDIA NORTH-EAST	SC4017	-10	-10	-28		-4	-29	-33	-0	10	-6	1	-11	
	SC4027			-8	11		8		15	7	0	1	5	
	SC4028	-1	11	24	1	5	13		23				11	
	SC4030						7						7	
	SC4034						-9			2	4	5	1	
INDIA SOUTH-WEST	SC4018							-17		3		-2	-5	
	SC4024	0		9	-17			-25	-8				-8	
	SC4031						20						20	
	SC4052							18					18	
INDIA-CENTRAL NORTH	SC4013								-11				-11	
	SC4016	6	12	-8		5			-7	-22	-27	-16	-7	
THAILAND	SC4002							25					25	

Natural sources - Basal area at late evaluation (overall average = 55 sq-m)



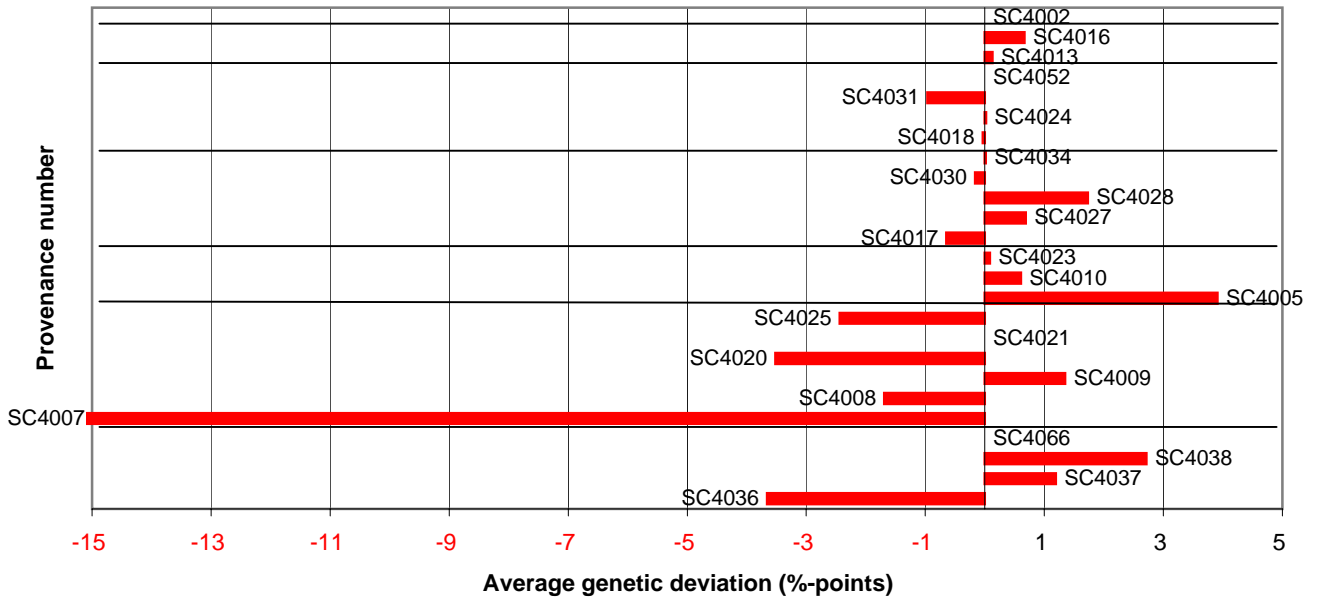
Landraces - Basal area at late evaluation (overall average = 55 sq-m)



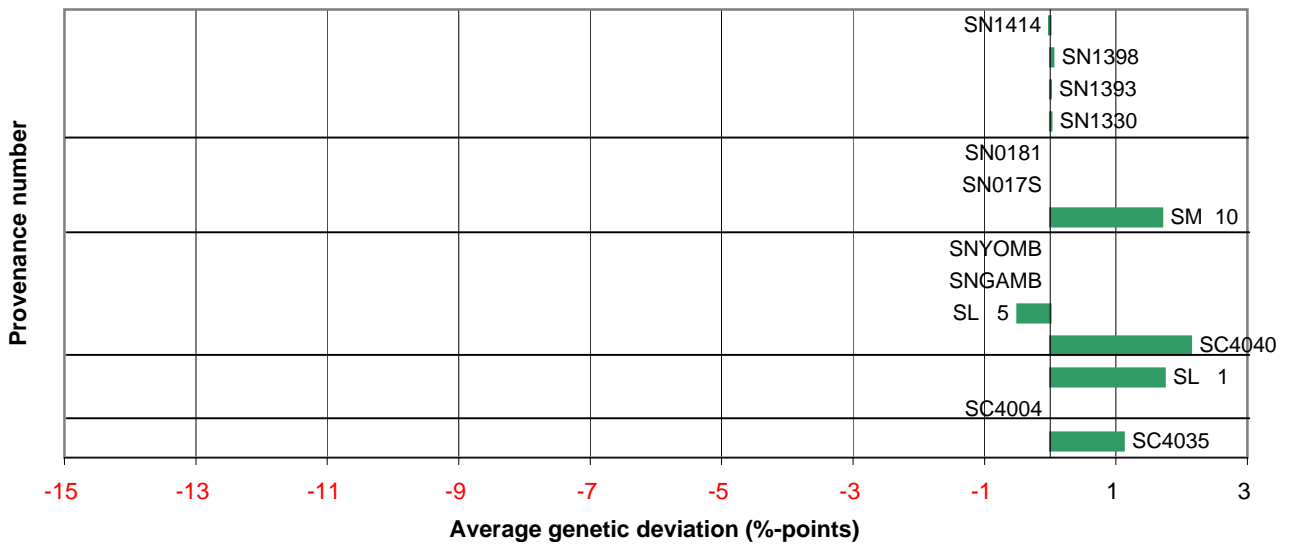
Health at late stage (age ~13 years) - predicted percent deviations from trial average (%-points)

PROVENANCE													Overall simple mea
REGION	NUMBER	GP021	GP022	GP011	GP019	GP023	GP052	GP053	GP055	GP078	GP079	GP080	
AFRICA MOIST	SC4035			0	2								1
AFRICA-SEMI-MOIST	SC4004			0									0
	SL 1	6	0			-1							2
LATIN-AMERICA	SC4040	3	9	0	0	0		0					2
	SL 5								-0				-0
	SNGAMB			0									0
	SNYOMB			0									0
MALAYSIA	SM 10						2						2
	SN017S							-0					-0
	SN0181							0					0
OCEANIC-WEST	SN1330									-0	0	0	0
	SN1393									0	-0		0
	SN1398									0	-0	0	0
	SN1414										-0		-0
INDIA CENTRAL-EAST	SC4036	2	-7	0	-10								-4
	SC4037	4	-2	0	4	1		0					1
	SC4038			0	8			0					3
	SC4066							-0					-0
INDIA CENTRAL-WEST	SC4007	-26											-26
	SC4008			0	-7			0	-0				-2
	SC4009	10	3			-1	-1		-0	-0	-0	0	1
	SC4020						-14			0	-0	0	-4
	SC4021			0									0
SC4025	-1	-9			0			-0				-2	
INDIA NORTH	SC4005						4						4
	SC4010			0	2			0	0				1
	SC4023									-0	0	0	0
INDIA NORTH-EAST	SC4017	-7	1	0		-0	0	0	-0	-0	0	-1	-1
	SC4027			0	-1		5		1	0	-0	-0	1
	SC4028	6	1	0	-0	0	5		-0				2
	SC4030						-0						-0
	SC4034						-0			0	-0	0	0
INDIA SOUTH-WEST	SC4018							-0		0		-0	-0
	SC4024	2		0	-2			-0	0				0
	SC4031						-1						-1
	SC4052							0					0
INDIA-CENTRAL NORTH	SC4013								0				0
	SC4016	1	4	0		1			0	0	-0	-0	1
THAILAND	SC4002							-0					-0

Natural sources - Health at late evaluation (overall average = 84%)



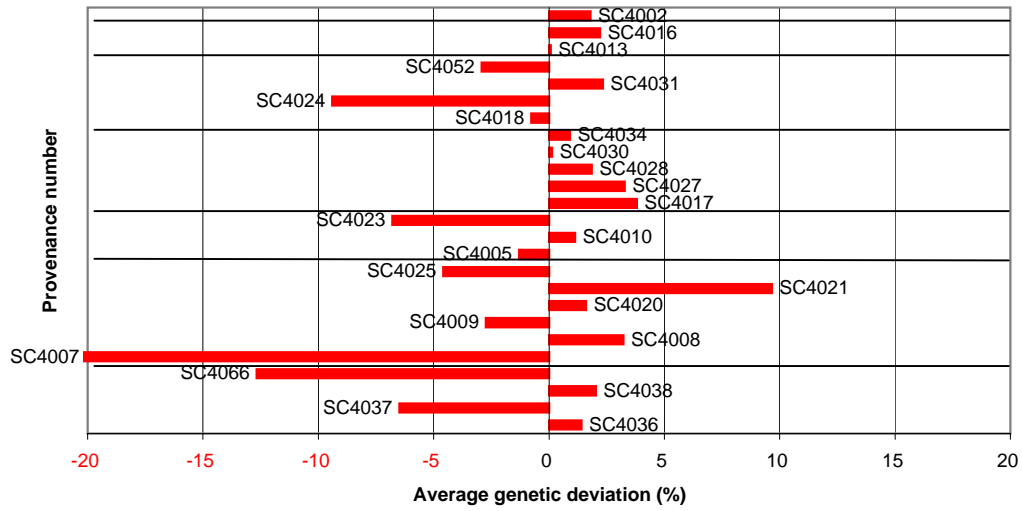
Landraces - Health at late evaluation (overall average = 84%)



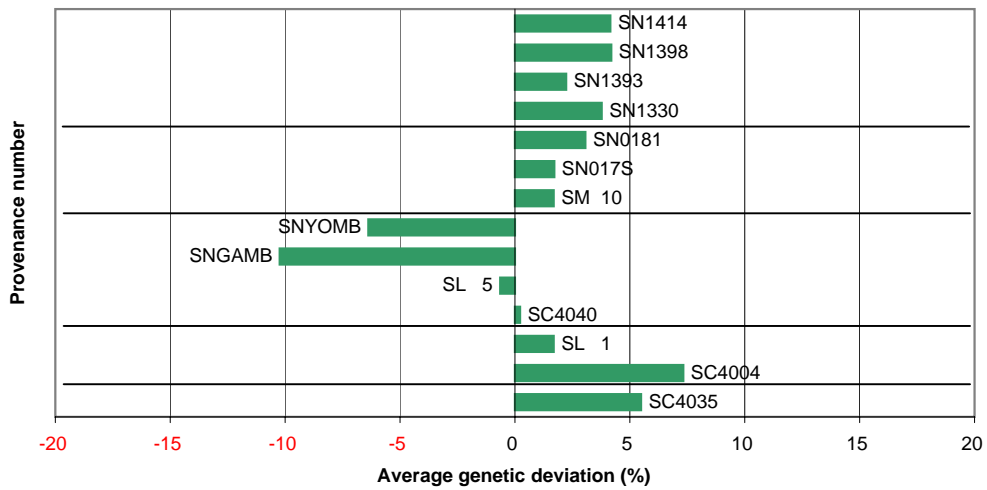
Axis persistence at late stage (age ~13 years) - predicted percent deviations from trial average (%)

PROVENANCE														
REGION	NUMBER	GP021	GP022	GP011	GP019	GP023	GP052	GP053	GP055	GP078	GP079	GP080	Overall simple mean	
AFRICA MOIST	SC4035			9	2								5	
AFRICA-SEMI-MOIST	SC4004			7									7	
	SL 1	1	4			-0							2	
LATIN-AMERICA	SC4040	-1	10	-11	0	0		2					0	
	SL 5								-1				-1	
	SNGAMB			-10									-10	
	SNYOMB			-6									-6	
MALAYSIA	SM 10						2						2	
	SN017S							2					2	
	SN0181							3					3	
OCEANIC-WEST	SN1330									7	5	-1	4	
	SN1393									4	0		2	
	SN1398									6	2	5	4	
	SN1414										4		4	
INDIA CENTRAL-EAST	SC4036	1	-15	20	1								1	
	SC4037	-2	-1	-35	-2	-0		1					-6	
	SC4038			-4	0			10					2	
	SC4066							-13					-13	
INDIA CENTRAL-WEST	SC4007	-23											-23	
	SC4008			23	-1			-10	0				3	
	SC4009	5	-14			0	-4		-0	0	2	-11	-3	
	SC4020						1			4	-1	2	2	
	SC4021			10									10	
	SC4025	-3	-16			-0			0				-5	
INDIA NORTH	SC4005						-1						-1	
	SC4010			-2	-1			7	0				1	
	SC4023									-6	-3	-12	-7	
INDIA NORTH-EAST	SC4017	8	21	15		-0	-4	-3	0	-2	-0	3	4	
	SC4027			26	2		1		0	-1	-7	2	3	
	SC4028	3	5	4	0	0	-1		-0				2	
	SC4030						0						0	
	SC4034						3			3	-3	1	1	
INDIA SOUTH-WEST	SC4018							6		-10		2	-1	
	SC4024	-2		-39	-1			-5	0				-9	
	SC4031						2						2	
	SC4052							-3					-3	
INDIA-CENTRAL NORTH	SC4013								0				0	
	SC4016	13	5	-10		-0			-1	5	3	4	2	
THAILAND	SC4002							2					2	

Natural sources - Axis persistence at late evaluation (overall average = 5.3 classes)



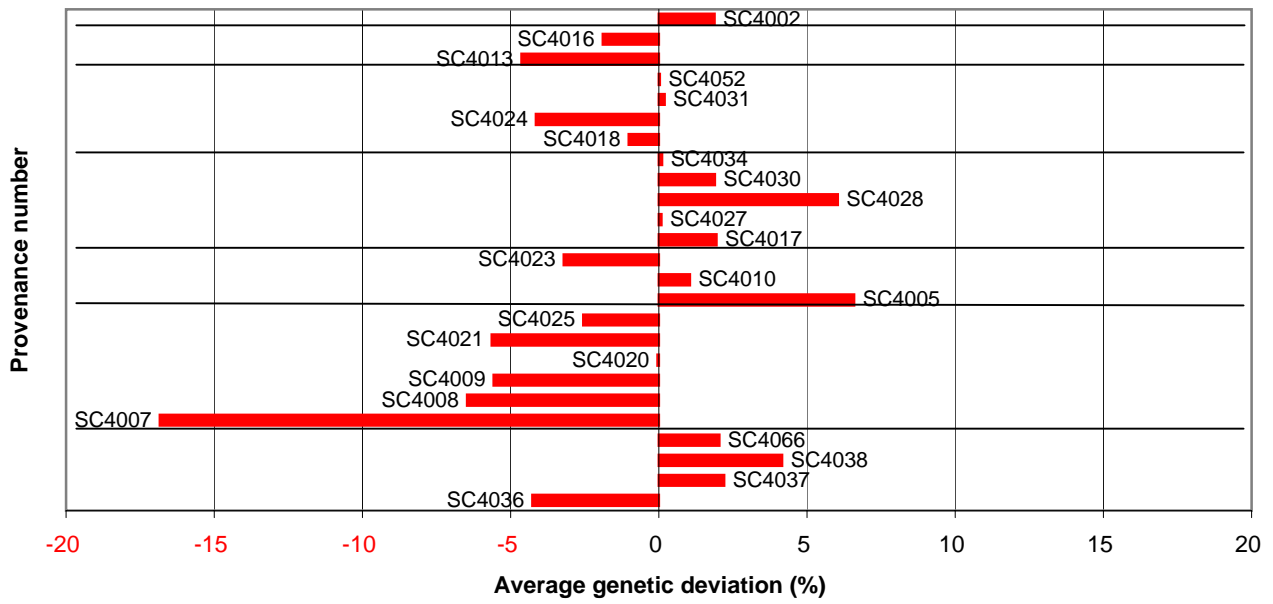
Landraces - Axis persistence at late evaluation (overall average = 5.3 classes)



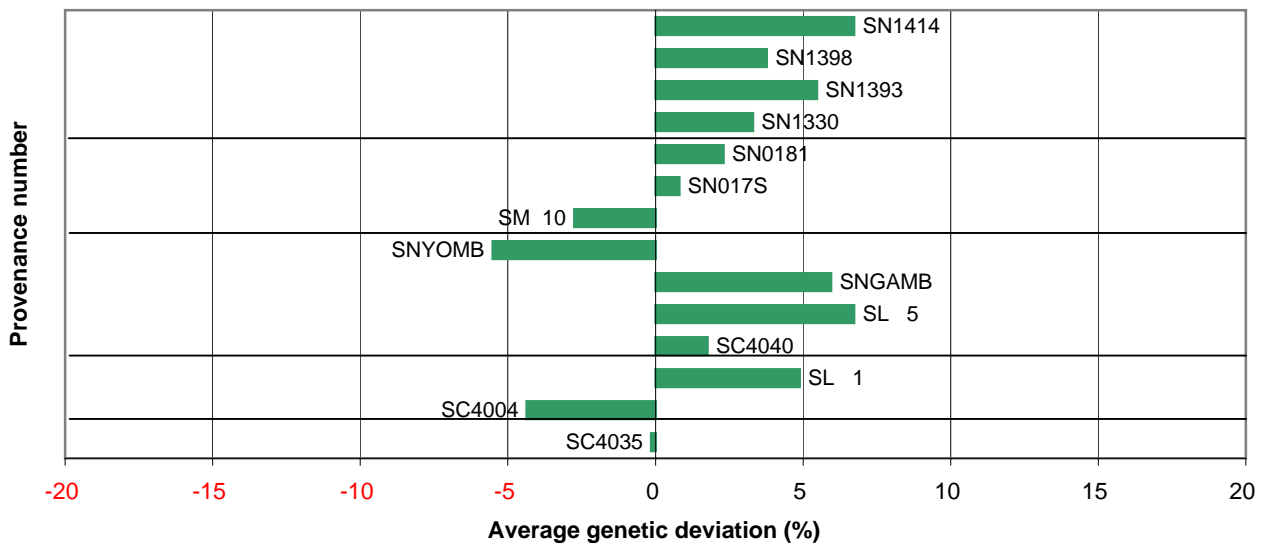
Pilodyn measure at late stage (age ~13 years) - predicted percent deviations from trial average (%)														
PROVENANCE														Overall simple mean
REGION	NUMBER	GP021	GP022	GP011	GP019	GP023	GP052	GP053	GP055	GP078	GP079	GP080		
AFRICA MOIST	SC4035			-3	3									-0
AFRICA-SEMI-MOIST	SC4004			-4										-4
	SL 1	9	10			-5								5
LATIN-AMERICA	SC4040	9	5	-3	-7	2		4						2
	SL 5								7					7
	SNGAMB			6										6
	SNYOMB			-6										-6
MALAYSIA	SM 10						-3							-3
	SN017S							1						1
	SN0181							2						2
OCEANIC-WEST	SN1330									7	5	-2		3
	SN1393									9	2			5
	SN1398									8	2	1		4
	SN1414										7			7
INDIA CENTRAL-EAST	SC4036	-7	-12	5	-4									-4
	SC4037	4	5	4	-3	-1		3						2
	SC4038			5	6			1						4
	SC4066							2						2
INDIA CENTRAL-WEST	SC4007	-17												-17
	SC4008			2	-11			-5	-13					-6
	SC4009	4	-14			-7	-5		-5	-8	-1	-9		-6
	SC4020						-5			2	3	-0		-0
	SC4021			-6										-6
	SC4025	-2	-11			6			-3					-3
INDIA NORTH	SC4005						7							7
	SC4010			-5	6			0	3					1
	SC4023									-5	-5	1		-3
INDIA NORTH-EAST	SC4017	-2	3	14		1	-1	-4	5	2	-3	4		2
	SC4027			-4	3		2		4	-3	-3	2		0
	SC4028	8	12	4	8	0	4		6					6
	SC4030						2							2
	SC4034						-0			0	-2	2		0
INDIA SOUTH-WEST	SC4018							-2		-2		1		-1
	SC4024	-5		-4	-3			-7	-1					-4
	SC4031						0							0
	SC4052							0						0
INDIA-CENTRAL NORTH	SC4013								-5					-5
	SC4016	-1	2	-2		2			1	-9	-6	-1		-2
THAILAND	SC4002							2						2

*) Positive values denote deeper penetration, hence lower wood density, than negative values

Natural sources - Pilodyn measure at late evaluation (overall average = 12.3 mm)

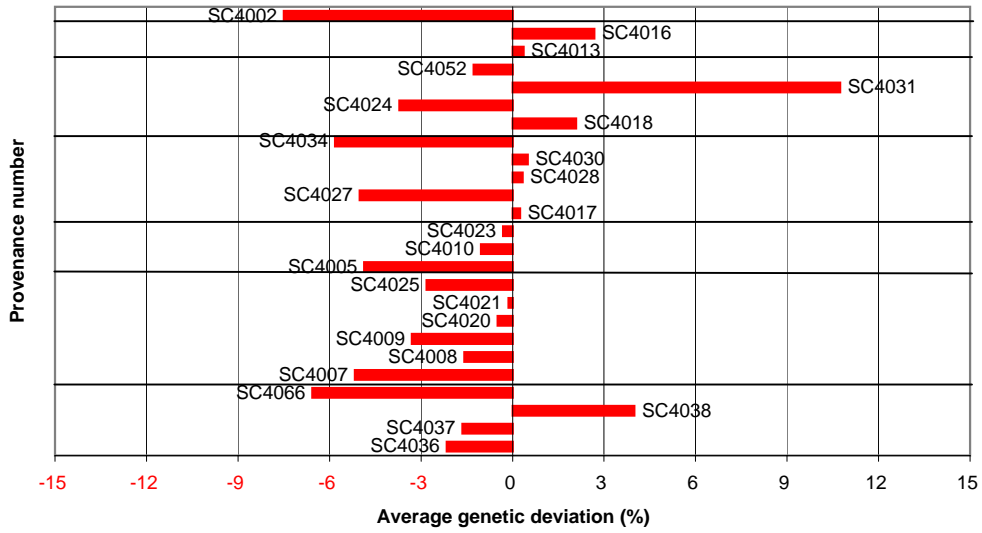


Landraces - Pilodyn measure at late evaluation (overall average = 12.3 mm)

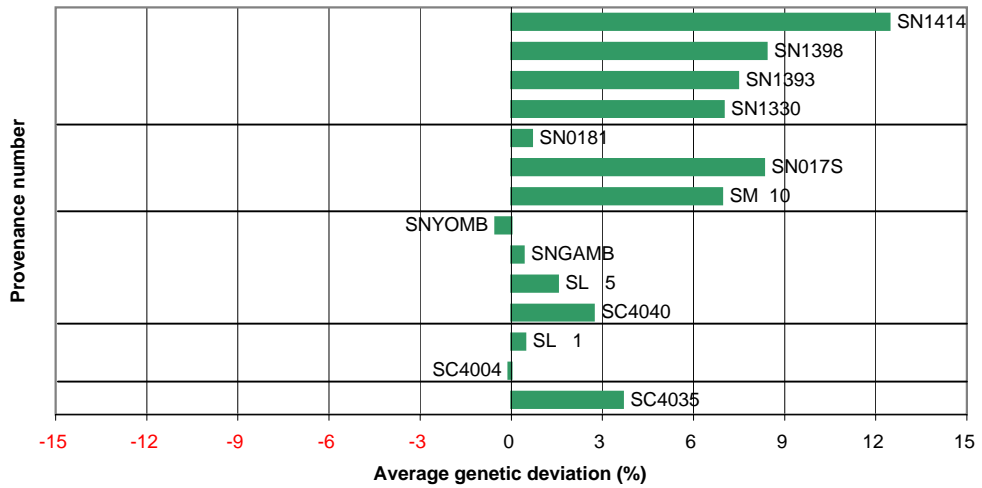


Stemform at late stage (age ~13 years) - predicted percent deviations from trial average (%)														
PROVENANCE														Overall simple mean
REGION	NUMBER	GP021	GP022	GP011	GP019	GP023	GP052	GP053	GP055	GP078	GP079	GP080		
AFRICA MOIST	SC4035			0	7								4	
AFRICA-SEMI-MOIST	SC4004			-0									-0	
	SL 1	-1	1			1							0	
LATIN-AMERICA	SC4040	8	0	-0	-0	-0		10					3	
	SL 5								2				2	
	SNGAMB			0									0	
	SNYOMB			-1									-1	
MALAYSIA	SM 10						7						7	
	SN017S							8					8	
	SN0181							1					1	
OCEANIC-WEST	SN1330									16	6	-1	7	
	SN1393									14	1		7	
	SN1398									22	2	1	8	
	SN1414										12		12	
INDIA CENTRAL-EAST	SC4036	-5	-0	0	-3								-2	
	SC4037	-5	-0	0	-1	-2		-2					-2	
	SC4038			0	2			9					4	
	SC4066							-7					-7	
INDIA CENTRAL-WEST	SC4007	-5											-5	
	SC4008			-0	-2			-7	2				-2	
	SC4009	2	-0			-2	-5		2	-17	4	-11	-3	
	SC4020						3			-4	-1	-0	-0	
	SC4021			-0									-0	
	SC4025	-7	-0			-0			-4				-3	
INDIA NORTH	SC4005						-5						-5	
	SC4010			0	-3			1	-2				-1	
	SC4023									5	2	-8	-0	
INDIA NORTH-EAST	SC4017	10	0	-0		2	-3	2	1	-8	-7	5	0	
	SC4027			-1	1		-4		0	-23	-8	-1	-5	
	SC4028	6	0	0	-1	1	-4		0				0	
	SC4030						0						0	
	SC4034						-1			-13	-10	1	-6	
INDIA SOUTH-WEST	SC4018							3		-1		4	2	
	SC4024	-6		0	0			-10	-3				-4	
	SC4031						11						11	
	SC4052							-1					-1	
INDIA-CENTRAL NORTH	SC4013								0				0	
	SC4016	3	-0	#####		0			1	9	-2	8	3	
THAILAND	SC4002							-7					-7	

Natural sources - Stem form at late evaluation (overall average = 5.2 classes)



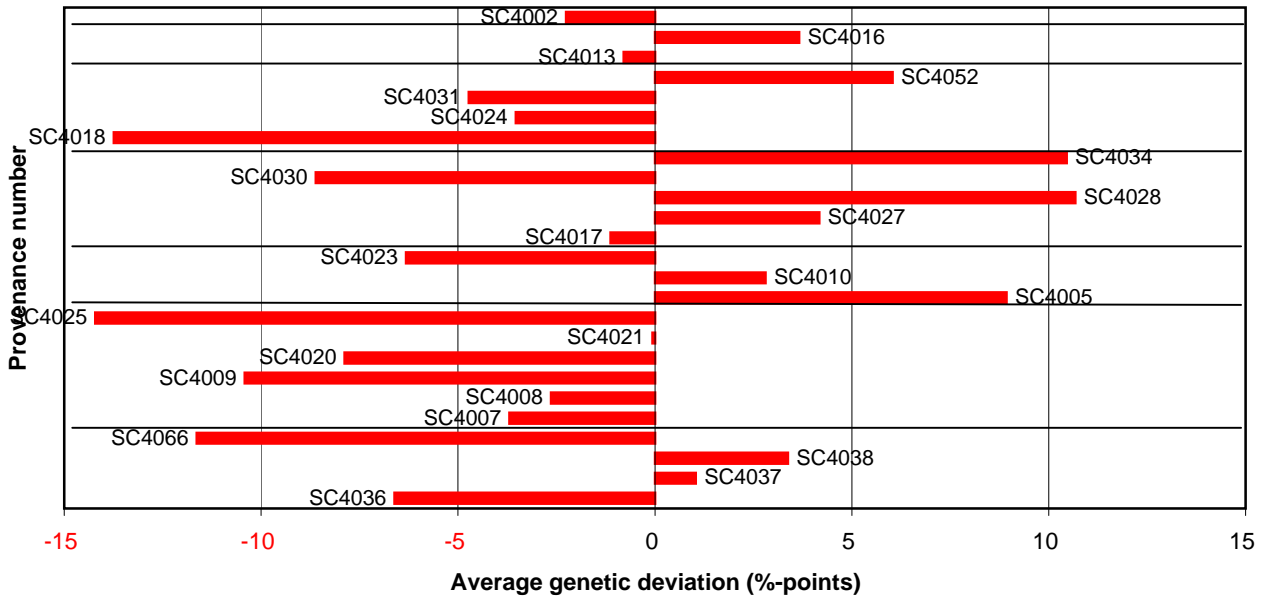
Landraces - Stem form at late evaluation (overall average = 5.2 classes)



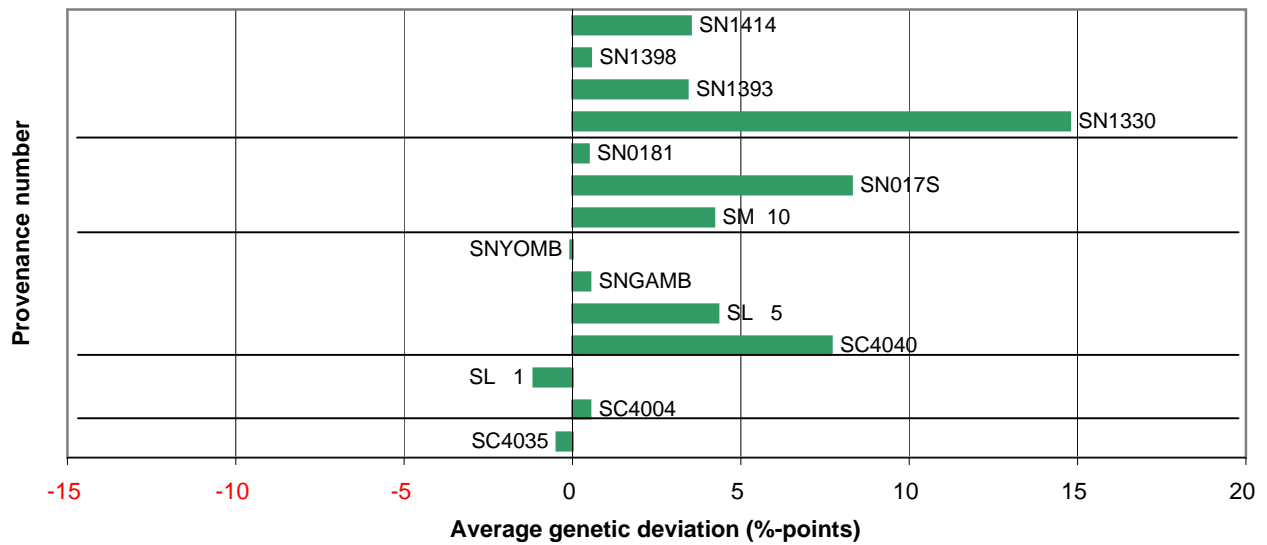
Survival at late stage (age ~13 years) - predicted percent deviations from trial average (%-points)

PROVENANCE													Overall simple mean
REGION	NUMBER	GP021	GP022	GP011	GP019	GP023	GP052	GP053	GP055	GP078	GP079	GP080	
AFRICA MOIST	SC4035			-1	-0								-0
AFRICA-SEMI-MOIST	SC4004			1									1
	SL 1	2	0			-6							-1
LATIN-AMERICA	SC4040	31	18	-1	0	-6		3					8
	SL 5								4				4
	SNGAMB			1									1
	SNYOMB			-0									-0
MALAYSIA	SM 10						4						4
	SN017S							8					8
	SN0181							0					0
OCEANIC-WEST	SN1330									30	1	13	15
	SN1393									7	-0		3
	SN1398									4	2	-4	1
	SN1414										4		4
INDIA CENTRAL-EAST	SC4036	-8	-19	-0	0								-7
	SC4037	-6	-9	1	-0	6		13					1
	SC4038			1	-0			10					3
	SC4066							-12					-12
INDIA CENTRAL-WEST	SC4007	-4											-4
	SC4008			2	-0			-13	1				-3
	SC4009	-21	4			-12	-2		-4	-27	-2	-20	-10
	SC4020						-28			7	-1	-10	-8
	SC4021			-0									-0
	SC4025	-9	-36			-3			-8				-14
INDIA NORTH	SC4005						9						9
	SC4010			-0	-0			12	-1				3
	SC4023									-8	-1	-11	-6
INDIA NORTH-EAST	SC4017	8	-6	-1		-5	5	-11	1	-14	-4	15	-1
	SC4027			-0	0		14		0	2	4	8	4
	SC4028	21	40	1	-0	12	-1		2				11
	SC4030						-9						-9
	SC4034						12			16	1	13	10
INDIA SOUTH-WEST	SC4018							-8		-34		1	-14
	SC4024	-14		1	0			-6	2				-4
	SC4031						-5						-5
	SC4052							6					6
INDIA-CENTRAL NORTH	SC4013								-1				-1
	SC4016	0	7	1		13			2	16	-5	-6	4
THAILAND	SC4002								-2				-2

Natural sources - Survival at late evaluation (overall average = 65%)

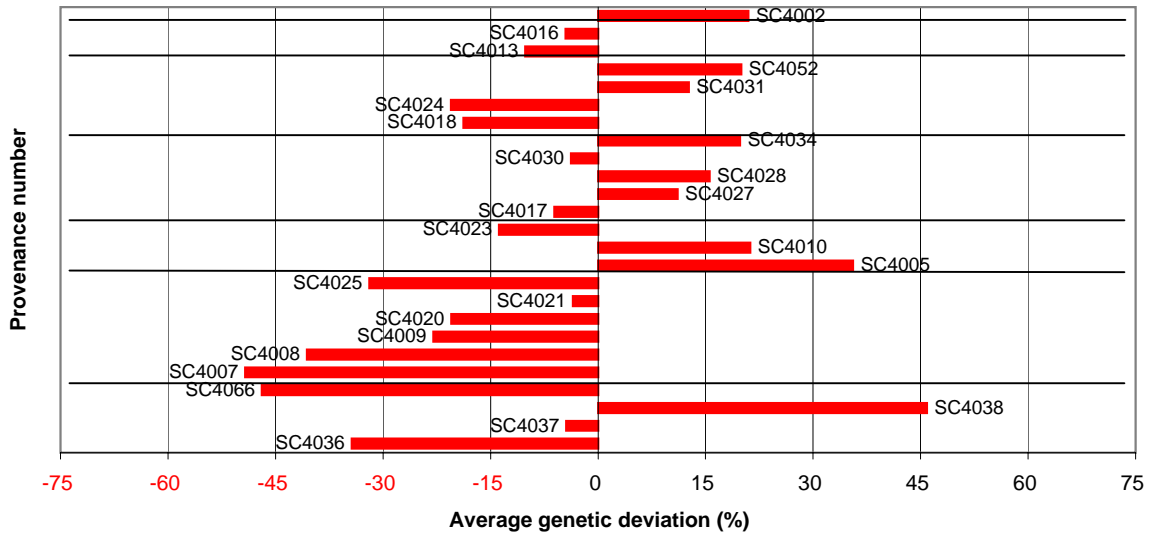


Landraces - Survival at late evaluation (overall average = 65%)



Tree size at late stage (age ~13 years) - predicted percent deviations from trial average (%)														
PROVENANCE														
REGION	NUMBER	GP021	GP022	GP011	GP019	GP023	GP052	GP053	GP055	GP078	GP079	GP080	Overall simple mean	
AFRICA MOIST	SC4035			17	13								15	
AFRICA SEMI-MOIST	SC4004			16									16	
	SL 1	41	2			-2							14	
LATIN-AMERICA	SC4040	70	75	65	-46	-2		27					31	
	SL 5								19				19	
	SNGAMB			16									16	
	SNYOMB			8									8	
MALAYSIA	SM 10						74						74	
	SN017S							65					65	
	SN0181							-22					-22	
OCEANIC-WEST	SN1330									50	28	26	35	
	SN1393									-8	-4		-6	
	SN1398									23	34	-9	16	
	SN1414										18		18	
INDIA CENTRAL-EAST	SC4036	-31	-50	-20	-37								-34	
	SC4037	-22	4	-34	-29	-8		62					-4	
	SC4038			-37	132			43					46	
	SC4066							-47					-47	
INDIA CENTRAL-WEST	SC4007	-49											-49	
	SC4008			-38	-43			-64	-17				-41	
	SC4009	19	-17			-14	-56		-7	-39	-29	-38	-23	
	SC4020						-77			18	-6	-17	-20	
	SC4021			-3									-3	
	SC4025	-35	-73			-2			-17				-32	
INDIA NORTH	SC4005						36						36	
	SC4010			62	28			-5	0				21	
	SC4023									-17	-14	-10	-14	
INDIA NORTH-EAST	SC4017	6	-19	-12		-10	-5	-43	-1	-2	-7	33	-6	
	SC4027			-2	1		21		20	11	9	19	11	
	SC4028	32	58	-3	-10	20	-7		19				16	
	SC4030						-4						-4	
	SC4034						8			18	15	38	20	
INDIA SOUTH-WEST	SC4018							-26		-28		-1	-19	
	SC4024	-36		-16	-15			-32	-3				-21	
	SC4031						13						13	
	SC4052							20					20	
INDIA-CENTRAL NORTH	SC4013								-10				-10	
	SC4016	7	21	-6		19			-3	-11	-35	-29	-5	
THAILAND	SC4002							21					21	

Natural sources - Tree size at late evaluation (overall average = 472 sq-cm)



Landraces - Tree size at late evaluation (overall average = 472 sq-cm)

