

EXPLANATION TO FIELD HEADINGS, ABBREVIATIONS, VARIABLE NAMES.

FIELD HEADING	EXPLANATION
RACE	From natural or planted population
PRRABR	Abbreviation for provenance region
PROVREG	Provenance region
PROVNO	Provenance number
TRIALREG	Trial region
TRIAL	Trial number
PLTYR	Planting year of trial
AGE	Age at time of assessment
NAME	Name of character *) see below
OVALLM	Trial average
LSMEAN	Average for provenance
OVSTD	Standar error for trial mean
STDERR	Standard error for provenance mean
ERMS	Error mean-square
PRMS	Provenance mean square
PRKOEf	Average number of replicates
PRVCOM	Provenance variance component
HERIT	Average provenance heritability
HERIT01	Average provenance heritability between 0 and +1
ESTDEV	Difference between LSMEAN and OVALMEAN in original units
GENEST	Difference between LSMEAN and OVALMEAN reduced by heritability
GAI	Intermediate values for calculation of genetic deviation
GIAVg	Intermediate values for calculation of genetic deviation
GENDEV	Genetic deviation, ie. the genetic estimate in percent of trial average

NOTE: *In all the following graphs and tables results are presented as %-deviation from trial mean ! - In the summary table in the article results are presented partly as %-deviation, partly as deviation in the original unit of measurement.*

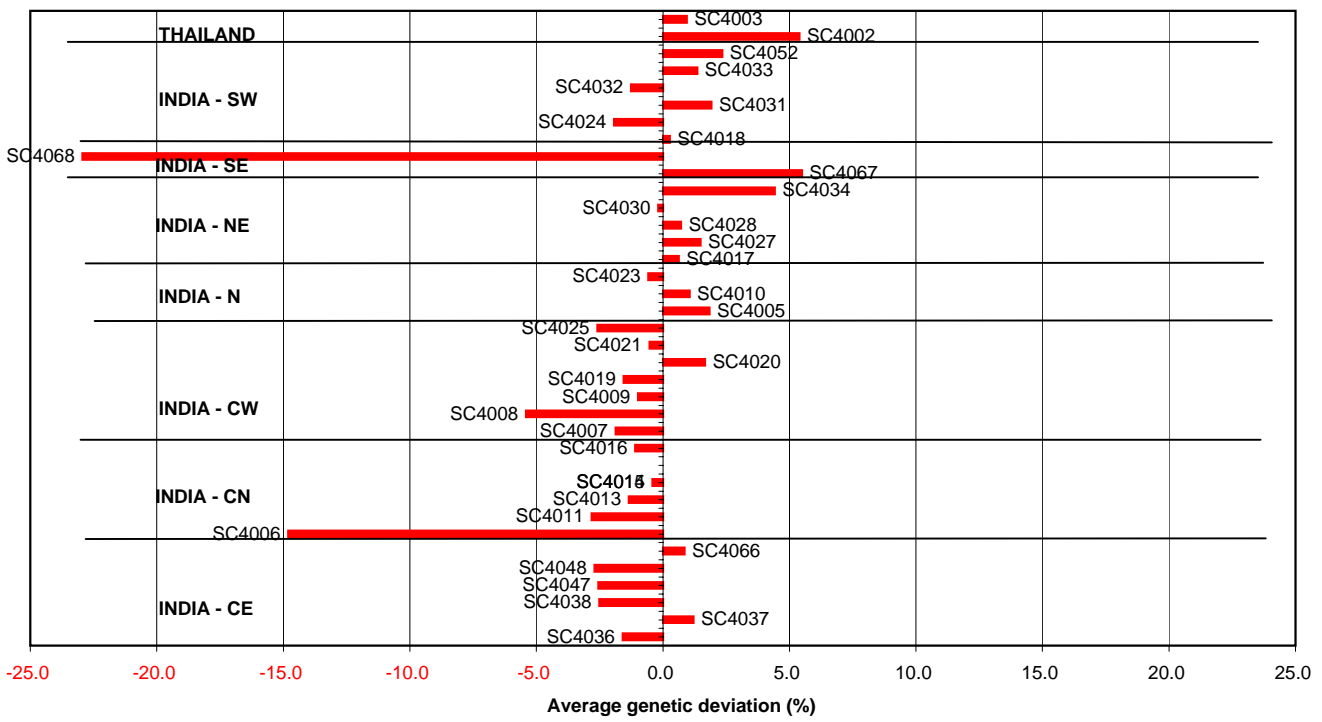
*) See the document "ASSESSMENT" for definition of characters.

BREAKS	The square root of the number of large branches or forks (multiplied by -1 to denote the large numbers of branches or breaks is a negative property). The genetic deviation is in principle back-transformed, i.e. big values are negative properties and vice versa
SURVN	The proportion of live trees
HEALTH3	The proportion of trees in good health
DIAMBAW	The basal-area-weighted plot mean diameter
STEMAREA	The total cross-sectional area at breast-height (square-cm) per plot (the variation is similar to variation for basal area per hectare)
PERG	The average of all persistence classes
FORMG	The average of all form classes
PILO	The average of pilodyn-readings

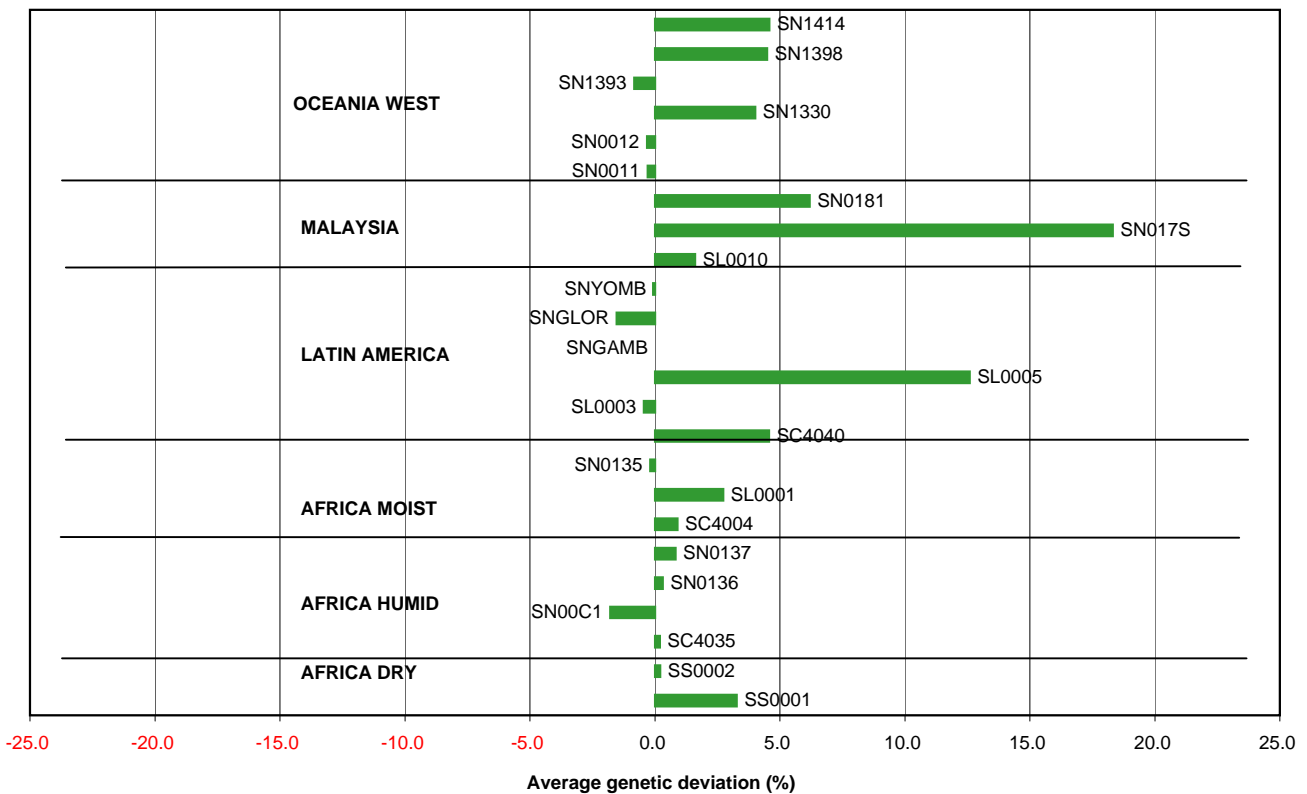
Simple means are available for trials **GP041 & GP042** , but their designs do not permit calculation of genetic estimates.

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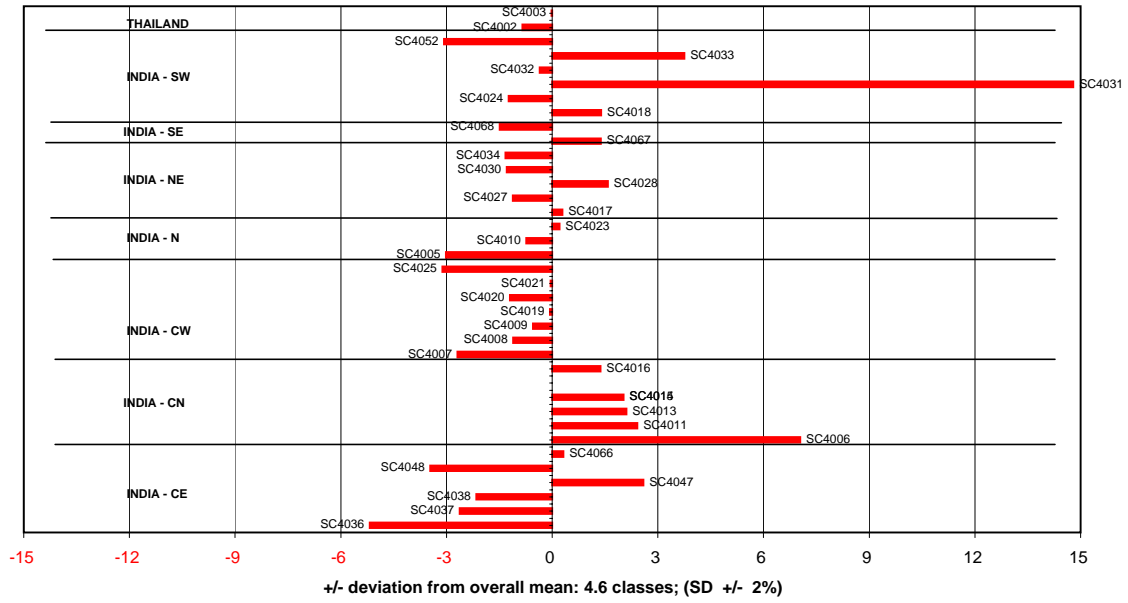
NATURAL SOURCES - DIAMETER (basal-area-weighted) at early evaluation (overall average=13.6 cm)



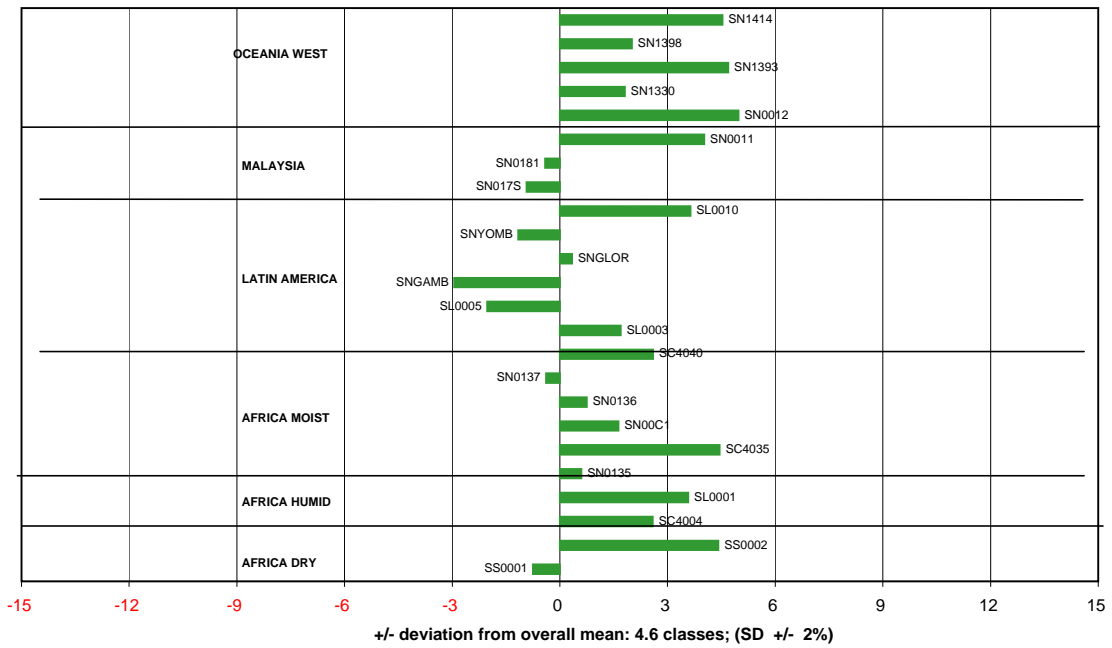
LANDRACES - DIAMETER (basal-area-weighted) at early evaluation (overall average=13.6 cm)



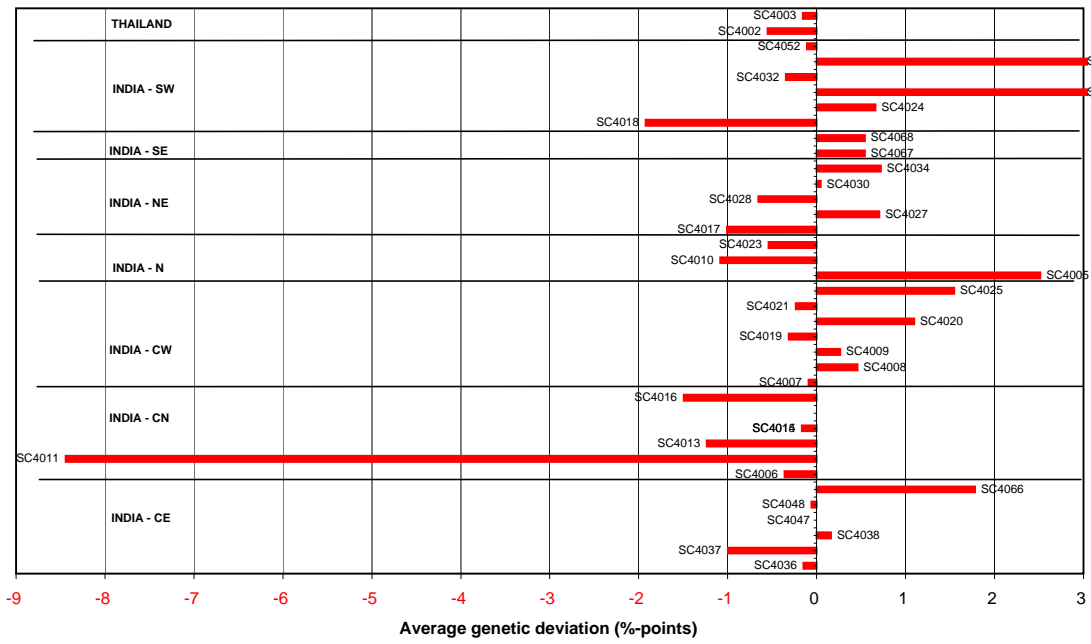
NATURAL SOURCES - STRAIGHTNESS OF STEM AXIS
Early evaluation - age ~5 years



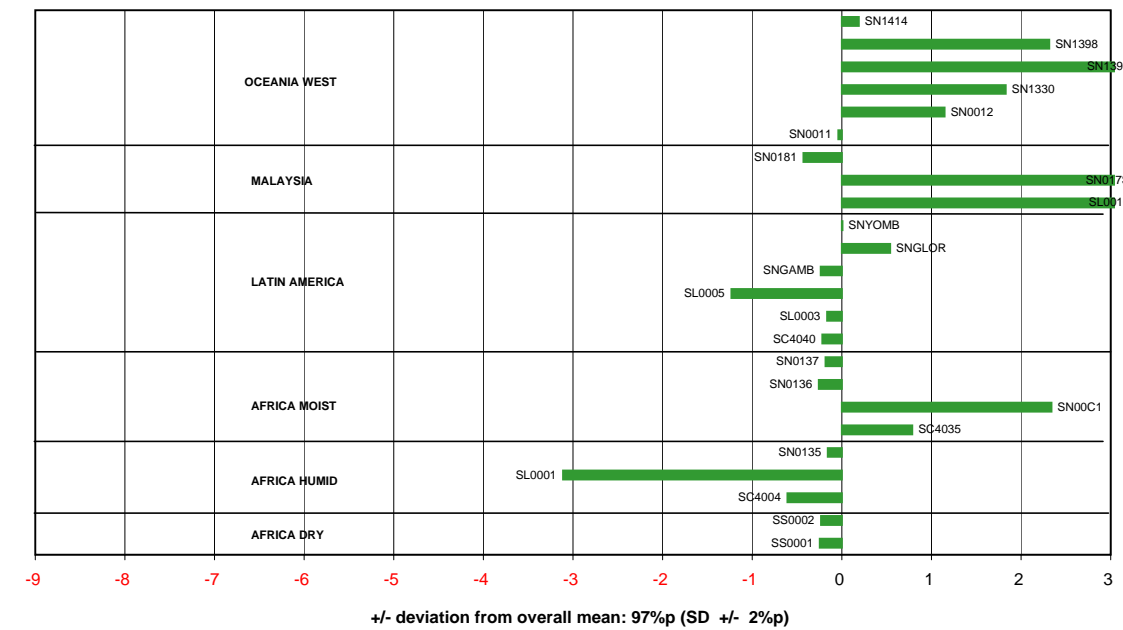
LANDRACES - STRAIGHTNESS OF STEM AXIS
Early evaluation - age ~5 years



NATURAL SOURCES - HEALTH at early evaluation - (overall average=97 %-points)



LANDRACES - HEALTH at early evaluation - (overall average=97 %-points)

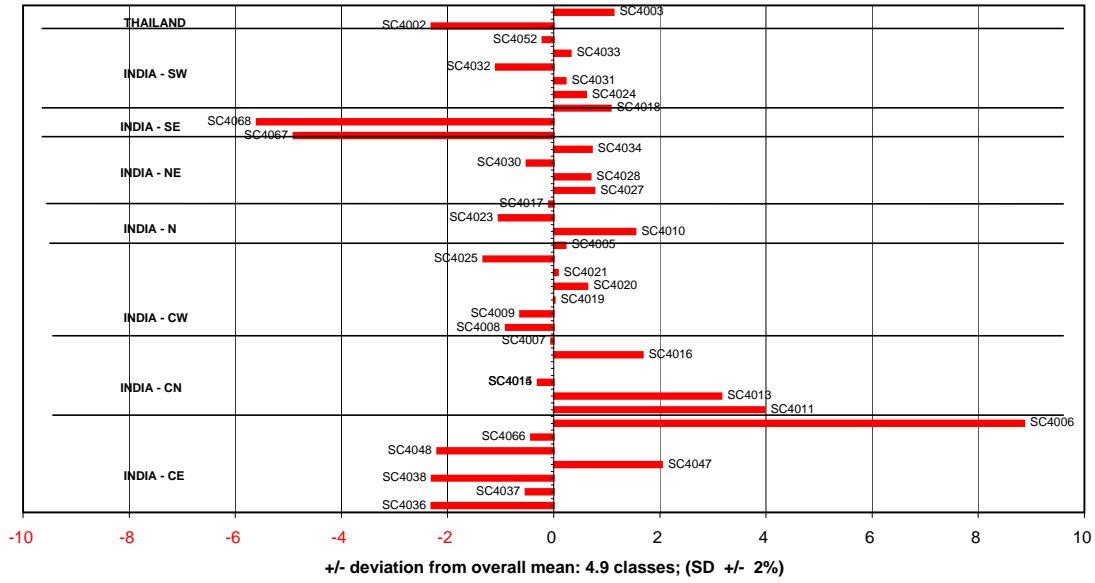


PERSISTENCE OF STEM AXIS Early evaluation - age ~5 years

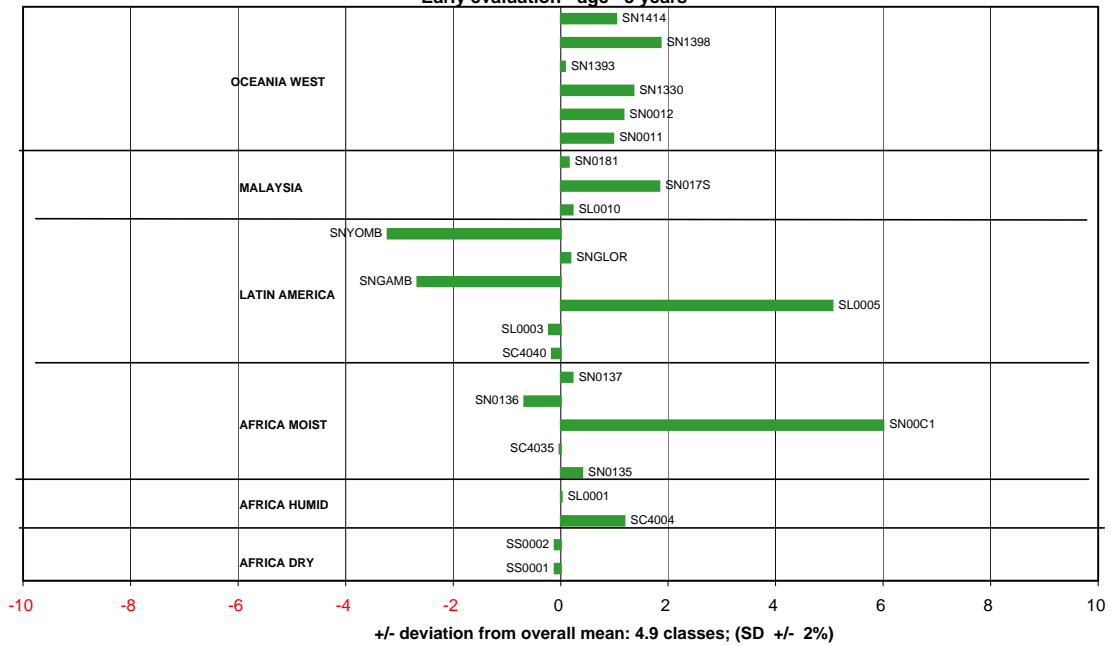
Average of Genetic deviation (%)

PROVENANCE REGION	PROVENANCE NUMBER	TRIALREGION & TRIAL																				VANUATU			GRAND MEAN												
		Ghana-Ivory Coast				REST OF WORLD																Total	FGP062	Total	Simple mean	LS-Means											
		FGP021	FGP022	FGP047	Total	FGP007	FGP008	FGP009	FGP011	FGP012	FGP013	FGP014	FGP019	FGP023	FGP026	FGP041	FGP042	FGP046	FGP049	FGP052	FGP053						FGP055	FGP063	FGP066	FGP067	FGP068	FGP076	FGP077	FGP078	FGP079	FGP080	
Africa-Dry	SS0001																												0				0			0	-0
Africa-Dry	SS0002																												0				0			0	-0
Africa-humid	SC4004							3	1																								2	1	1	1	1
Africa-humid	SL0001	-1	1		-0								1																				1				0
Africa-humid	SN0135																					0	-0	1	0								1				0
Africa-moist	SC4035				0	-0	8	-0	1			0					-6					-1	-0	0	1								0	-1	-1	0	-0
Africa-moist	SN00C1			4	4																												4				6
Africa-moist	SN0136																					-1	-0	-0	-0								-1				-1
Africa-moist	SN0137																																0				0
Latin-America	SC4040	0	-1		-0	-0	-0	7	-4	1	2	-5	-0	-1				1	3									0				0			-1	-1	
Latin-America	SL0003					-0																											-0				-0
Latin-America	SL0005																							4									4				5
Latin-America	SNGAMB						0		5	-11																							-2				-3
Latin-America	SINGLOR												2																				2				0
Latin-America	SNYOMB								-3	-8	-2	3																					2				0
Malaysia	SL0010																							-0									-0				0
Malaysia	SN017S																																2				2
Malaysia	SN0181																																0				0
Oceanic-West	SN0011																															1	1	1	1	1	1
Oceanic-West	SN0012																															1	1	1	1	1	1
Oceanic-West	SN1330																																1				1
Oceanic-West	SN1393																									0	3	-1					-0				0
Oceanic-West	SN1398																																-0				0
Oceanic-West	SN1414																										0	2	1			1	1				2
India Central-East	SC4036	0	-0		0	-0	0	-2	-4	-12			0																				-3	-3	-3	-2	-2
India Central-East	SC4037	-0	0		0	0	0		2	-3																							-0				-1
India Central-East	SC4038					-0	-0	-9	1	-10		4	0																				-2	-2	-2	-2	-2
India Central-East	SC4047							6										-2															2				2
India Central-East	SC4048										2																						-2				-2
India Central-East	SC4066										1																						-0				-0
India Central-North	SC4006			7	7																												7				9
India Central-North	SC4011			4	4																												2				4
India Central-North	SC4013																								2								2				3
India Central-North	SC4014					0	0																										0				-0
India Central-North	SC4015																																0				0
India Central-North	SC4016	0	0	-3	-1	0	-0		9	14																							2				2
India Central-West	SC4007	-1			-1																												-0		2	2	0
India Central-West	SC4008				-6	-6	0	0	-12	-1	0	1	6	-0																			-1				-1
India Central-West	SC4009	-0	-1		-1						-1																						-1				-1
India Central-West	SC4019							0																									0				0
India Central-West	SC4020																																0				1
India Central-West	SC4021					0	-0		1																								0				0
India Central-West	SC4025	-0	-3		-2																												-1				-1
India North	SC4005																																0				0
India North	SC4010							5	-6	15	-2	6	-0																				2			-0	-0
India North	SC4023																																-1				-1
India North-East	SC4017	1	1		1	-0	0		-3	-11	-2																						-0				-0
India North-East	SC4027			4	4	0	-0		2			0																					0				1
India North-East	SC4028	1	3	-1	1	0	-0		-3	13			0	-0	-0																		1				1
India North-East	SC4030																																1				1
India North-East	SC4034																																0				1
India South-East	SC4067																																-3				-3
India South-East	SC4068																																-4				-6
India South-West	SC4018																																1				1
India South-West	SC4024	1		2	2	-0	-0		3	11	1	-6	0																				0		2	2	1
India South-West	SC4031																																0				0
India South-West	SC4032																																-1				-1
India South-West	SC4033																																-0				0
India South-West	SC4052																																-0				-0
Thailand	SC4002																																-1				-2
Thailand	SC4003																																1				1
Grand Total		-0	-0	-0	-0	0	0	-0	0	-0	-0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-0	0	0	0	-0

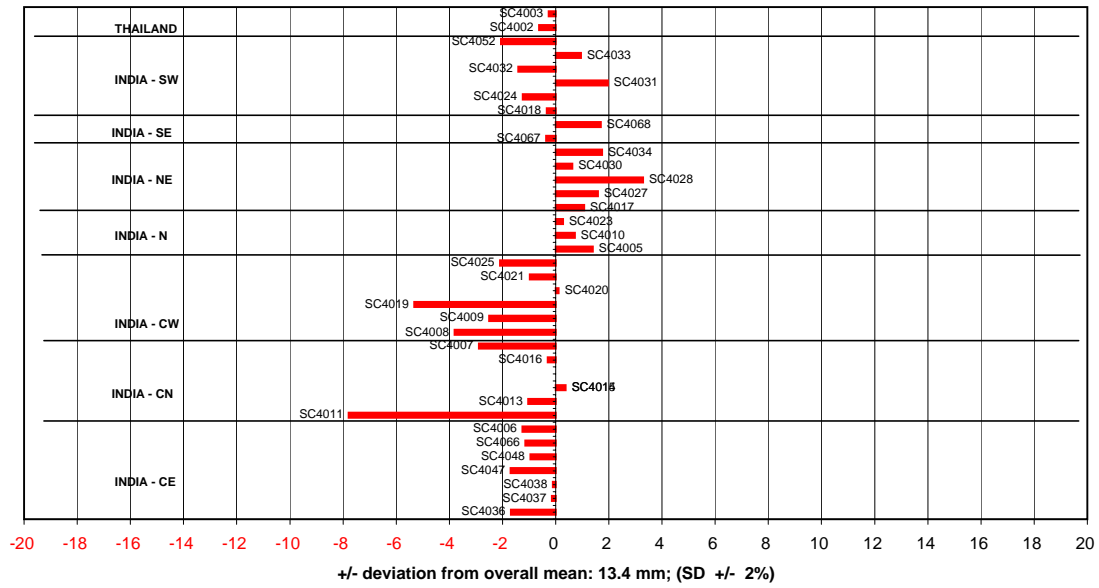
NATURAL SOURCES - PERSISTENCE OF STEM AXIS
Early evaluation - age ~5 years



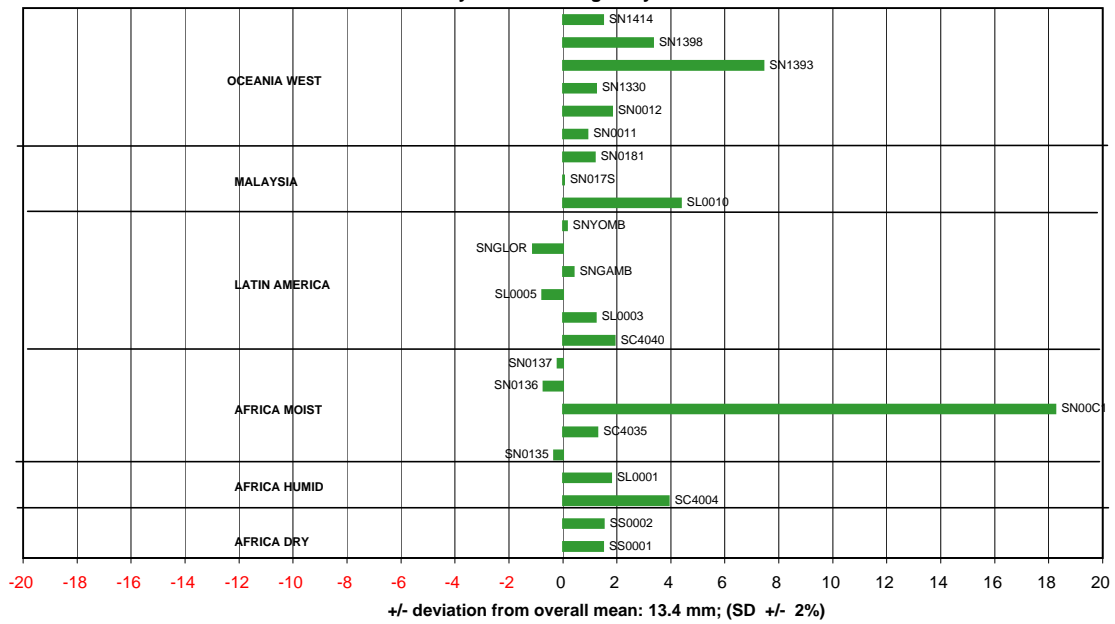
LANDRACES - PERSISTENCE OF STEM AXIS
Early evaluation - age ~5 years



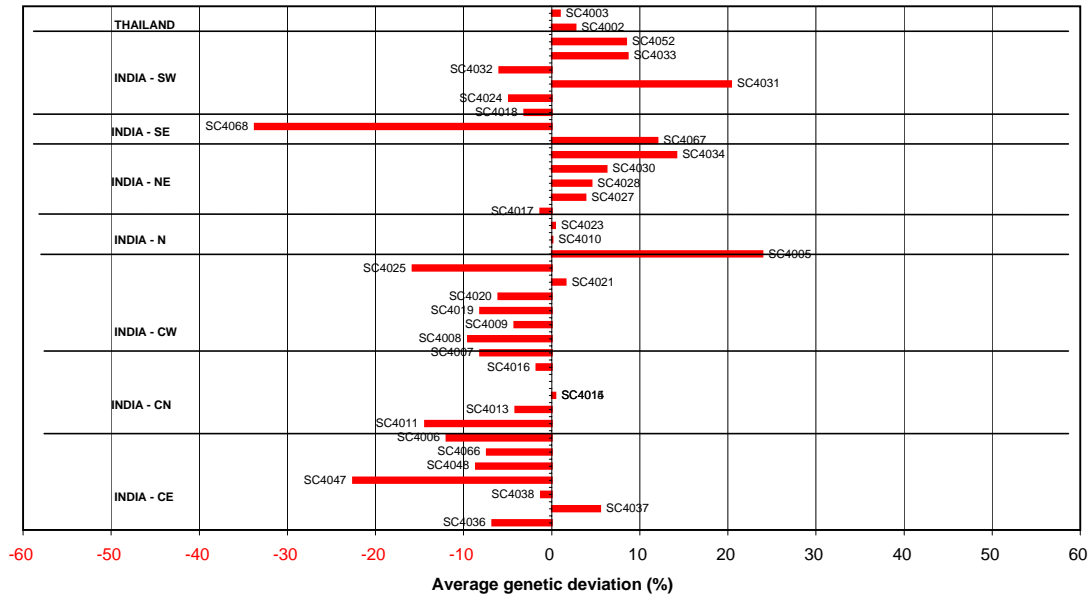
NATURAL SOURCES - PILODYN MEASURE
Early evaluation - age ~5 years



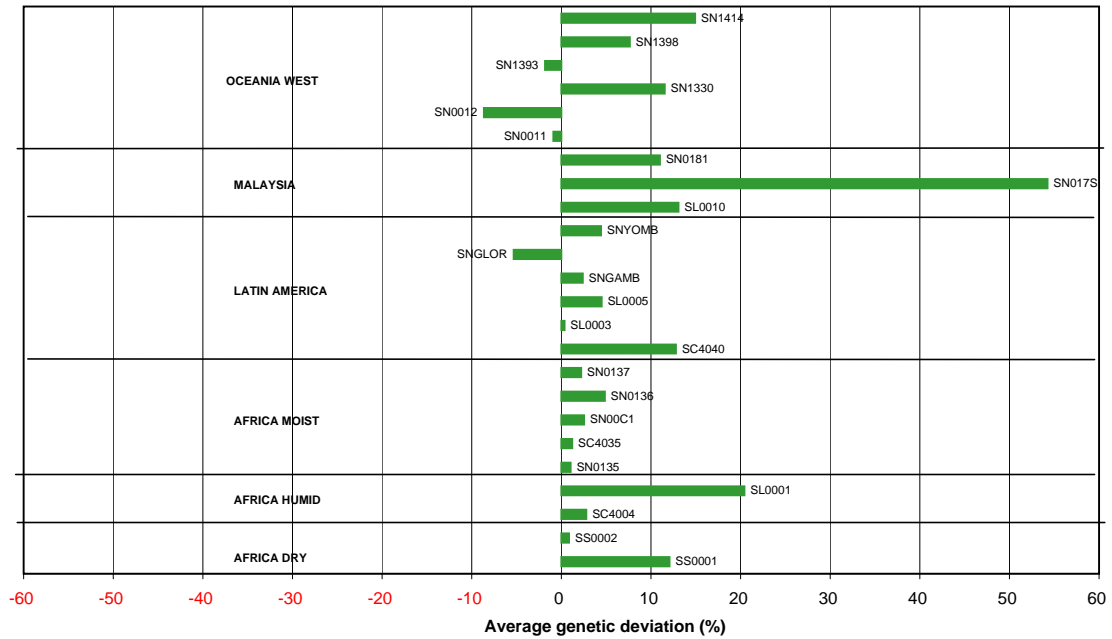
LANDRACES - PILODYN MEASURE
Early evaluation - age ~5 years



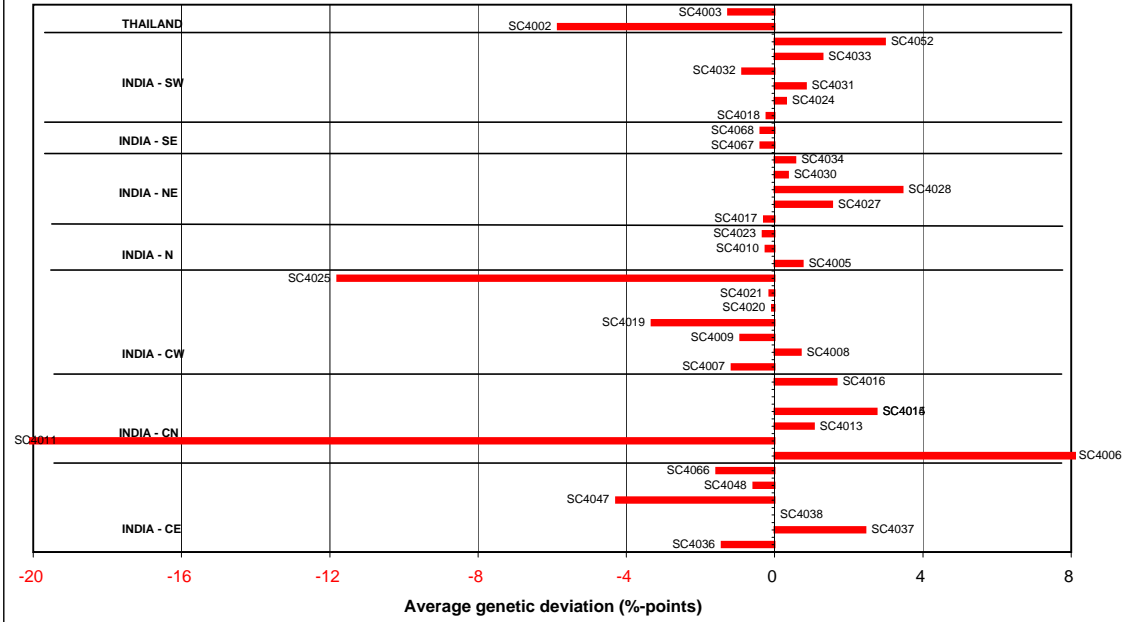
NATURAL SOURCES - STEMAREA PER PLOT at early evaluation
(overall mean=2997 sq-cm/~140 sq-m)



LANDRACES - STEMAREA PER PLOT at early evaluation
(overall mean=2997 sq-cm/~140 sq-m)



NATURAL SOURCES - SURVIVAL at early evaluation (overall average=92 %-points)



LANDRACES - SURVIVAL at early evaluation (overall average=92 %-points)

