

Faba bean germplasm screened for heat tolerance using various methods (Karthika)

Title	:	Screening parent reference set for heat tolerance					
Objectives		Validate the tolerance of selected parents for heat using pollen viability test					
Expected outcomes		Sources for heat tolerance identified					
observations		Phenological data, Plant height (PTHT) Percentage of pollen germination under temperature superior to 32 degree Celsius Grain yield components					
Genotype		Entry	Parent	ORIGIN	Entry	Parent	ORIGIN
	1	Ed-Damer	SUDAN	22	sel Ter C 80/2012	ICARDA	
	2	FLIP06-12FB	ICARDA	23	Sel TerWI11-184/2012	ICARDA	
	3	Giza843	EGYPT	24	Sel TerWI11-302-2/2012	ICARDA	
	4	HBP/S0B/2009	ICARDA	25	Sel TerWS11-88/2012	ICARDA	
	5	Hend	EGYPT	26	Sel.2011LATT.157LG	ICARDA	
	6	hudeiba 93	SUDAN	27	Sel.Br./20545-1/2010	ICARDA	
	7	ILB 4347 - 4	ICARMAR	28	sel2009lat.380	ICARDA	
	8	ILB1270	ICARDA	29	Sudan V 1/2012	SUDAN	
	9	ILB4359	ICARDA	30	Sudan V 2/2012	SUDAN	
	10	ILB4360	ICARDA	31	Sudan V 3/2012	SUDAN	
	11	Luz de otono	SPAIN	32	Sudan V 4/2012	SUDAN	
	12	Misr3	EGYPT	33	Sudan V 5/2012	SUDAN	
	13	Nubaria 3	EGYPT	34	Sudan V 7/2012	SUDAN	
	14	Reina Mora	SPAIN	35	Sudan V 8/2012	SUDAN	
	15	S.M.L	SUDAN	36	Sudan V 9/2012	SUDAN	
	16	S2011-033	ICARDA	37	Wadi1	EGYPT	
	17	S2011-113	ICARDA	38	White lazer	TURKEY	
	18	S2011-114	ICARDA	39	Zarazeri	IRAN	
	19	S2011-116	ICARDA	40	Fam54B	ICARDA	
	20	sel Ter C 111/2012	ICARDA	41	Giza4	ICARDA	
21	sel Ter C 57/2012	ICARDA	42	Shambat75	Sudan		
Outcomes		The used genotypes were screened last season for earliness and photothermal insensitivity. The trials was planted on 23 June 2016 and the results will be reported end of summer season					