

Table S1. Twenty two chili fruit characters based on IPGRI, AVRDC, and CATIE (1995)

	1	2	3	4	5	6	7	8	9	10	11
	D	A	FC	FS	FB	FCM	FS	FL	FW	FWG	FP
RK-1	67	0	3	7	137	8	1	10.87	0.82	4.45	3.92
RK-2	74	0	3	7	129	8	1	13.60	0.86	6.05	5.26
RK-3	43	0	3	7	100	8	1	11.10	0.88	4.28	4.18
RK-4	43	0	3	5	107	8	1	11.55	1.98	17.09	2.90
RK-5	57	0	3	5	123	8	1	11.01	1.93	17.47	4.69
RK-6	57	0	3	5	115	8	1	12.26	2.08	15.90	3.03
Kruskal-Wallis	*				*			*	*	*	*

D : The Number of Days until Fruiting

A : Anthocyanin Spots or Stripes

FC : Fruit Color Before at Intermediate Stage

FS : Fruit Set

FB : Fruit-bearing Period

FCM : Fruit Color at Maturity Stage

FSH : Fruit Shape

FL : Fruit Length

FW : Fruit Width

FWG : Fruit Weight

FP : Fruit Pedicel Length

FWT : Fruit Wall Thickness

FSHP : Fruit Shape at Pedicel Attachment

N : Neck at the Base of Fruit

FSHB : Fruit Shape at the Blossom End

FBA : Fruit Blossom end Appendage

FCS : Fruit Cross-sectional Corrugation

NL : Number of Locules

FSU : Fruit Surface

RFP : Ripe Fruit Persistence

PL : Placenta Length

VM : Varietal Mixture Condition

* : significant difference between varieties based on Kruskal-Wallis analysis.

