

Supplementary Materials III: Maize variety names, characteristics and relative amount of cultivated area allocated to each variety in 1999 and 2011.

Variety Name	Translation	Type	Cycle	1999 Surface area (ha)	2011 Surface area (ha)	Surface area change 1999/2011	% area 1999	% area 2011	% area change 1999-2011	1999 % farmers growing	2011 % farmers growing	% change farmers growing
x-Nuuk nal Blanco (Sak nal)	Tuxpeño white	Landrace	Long (4.0 months)	1.21 ± 0.21	0.99 ± 0.15	-0,21	32.71 ± 5.04	32.18 ± 4.34	-0,5	49,2	53,5	4,3
x-Nuuk nal Amarillo (K'an nal)	Tuxpeño yellow	Landrace	Long (4.0 months)	1.59 ± 0.24	0.84 ± 0.17	-0,75	42.12 ± 5.35	25.4 ± 4.35	-16,7	57,4	38,0	-19,3
x-Ēek' jub	Tuxpeño purple	Landrace	Long (4.0 months)	0.05 ± 0.03	0.16 ± 0.08	0,11	1.44 ± 0.72	4.56 ± 0.72	3,1	9,8	14,1	4,2
Ts'ítit bakal Blanco	Ts'ítit bakal (white)	Landrace	Long (3 to 3.5 months)	0.23 ± 0.12	0.22 ± 0.08	0,00	5.21 ± 2.45	7.79 ± 2.83	2,6	9,8	12,7	2,8
Ts'ítit bakal Amarillo	Ts'ítit bakal (yellow)	Landrace	Long (3 to 3.5 months)	0.18 ± 0.08	0.04 ± 0.02	-0,15	4.85 ± 1.95	1.61 ± 0.92	-3,2	11,5	4,2	-7,3
x-T'uup nal Blanco	Nal t'eel x Tuxpeño	Landrace	Short (2.0 months)	0.03 ± 0.01	0.03 ± 0.02	0,00	0.76 ± 0.41	1.56 ± 1.08	0,8	6,6	4,2	-2,3
x-T'uup nal Amarillo	Nal t'eel x Tuxpeño	Landrace	Short (2.0 months)	0.01 ± 0.01	0.02 ± 0.01	0,01	0.38 ± 0.24	0.84 ± 0.59	0,5	4,9	8,5	3,5
x-Mejen nal Blanco	Nal t'eel x Tuxpeño	Landrace	Short (2.5 months)	0.02 ± 0.01	0.10 ± 0.04	0,08	0.38 ± 0.22	2.96 ± 1.11	2,6	4,9	16,9	12,0
x-Mejen nal Amarillo	Nal t'eel x Tuxpeño	Landrace	Short (2.5 months)	0.13 ± 0.03	0.05 ± 0.02	-0,08	3.11 ± 0.83	2.10 ± 1.11	-1,0	29,5	11,3	-18,2
Nal t'eel	Nal t'eel	Landrace	Short (7 weeks)	0.01 ± 0.01	0.01 ± 0.00	0,00	0.21 ± 0.21	0.20 ± 0.11	0,0	1,6	8,5	6,8
Nal Xoy	Nal t'eel x PR-7822	Locally improved	Short (2.5 to 3 months)	0.05 ± 0.02	0.27 ± 0.07	0,22	2.21 ± 1.16	12.27 ± 2.98	10,1	11,5	31,0	19,5
Mejorado	Improved maize	Advanced generations of commercial varieties	Short (2.5 to 3 months)	0.13 ± 0.08	0.03 ± 0.02	-0,10	3.98 ± 2.22	1.26 ± 0.75	-2,7	9,8	7,0	-2,8
Ibrido	Commercial varieties (hybrid & others)	Commercial varieties recently (1-2 years) bought	Short (2.5 to 3 months)	0.15 ± 0.08	0.18 ± 0.05	0,03	2.63 ± 1.08	7.27 ± 1.99	4,6	14,8	32,4	17,6