

Races	Length cm.	Diameter cm.	Row No.	Shank Diameter mm.	Width mm.	Th mm
Serrano						
a. Cristalino Amarillo	13.3	3.8	10.3	10.9	9.4	5.
b. Cristalino Blanco	11.2	3.9	11.0	15.2	9.5	4.
c. Harinoso Blanco	15.7	4.6	11.0	14.1	10.9	6.
d. Harinoso Negro	12.3	4.0	10.7	12.8	9.6	5.
e. Grueso	10.3	3.4	-	7.7	8.0	6.
f. Salpor	19.7	5.7	13.0	23.5	11.8	5.
Samarceño	16.4	4.2	8.8	16.5	12.0	5.
Oloton	22.3	4.7	11.9	16.3	9.9	5.
Comiteco	21.7	5.0	13.4	18.0	10.0	5.
Punta	12.4	3.5	12.0	12.0	8.5	4.
Nal-tel						
Yellow	12.0	3.3	11.3	10.7	8.2	4.
White	12.7	3.6	10.0	12.4	8.7	4.
Tepecintle	18.0	4.9	15.5	14.7	8.9	4.
Dzit-Bacal	17.4	3.6	10.0	9.7	10.0	4.
Salvadoreño	10.3	3.6	11.0	5.8	8.0	5.
Lowland Elotes	14.2	4.1	12.0	12.8	9.1	4.
Tuxpeño	17.8	4.9	14.0	17.4	9.3	4.

* Visual estimate recorded on an arbitrary scale 0 = None; 1 = Intermediate; 2 = Maximum.

Table 3. Races of maize of Central America compared in characters of the plants.

	Days to Flowering	Height Cms.	Total No.	Length cm.	Width cm.	No. Veins
Serrano						
a. Cristalino Amarillo	82	242	14	95	26	7
b. Cristalino Blanco	86	240	14	91	12	27
c. Harinoso Blanco	114	291	16	98	8	23
d. Harinoso Negro	87	255	14	95	11	24
e. Grueso	116	275	16	101	11	25
f. Selpor	90	288	16	104	9	25
Sarmarceño	111	316	17	111	10	23
Oloton	123	325	18	120	9	27
Comiteco	120	294	18	115	9	26
Punta	114	318	16	108	9	26
Nal-tel						
Yellow	85	140	14	80	9	24
White	84	145	34	85	8	26
Tepecintle	115	150	16	85	10	28
Dzit-Bacal	110	165	14	85	10	22
Salvadoreño	90	132	14	77	8	24

Clavillo (Costa Rica)	102	165	18	100	9	27
Panama 8 rowed	125	112	15	72	6	26
Lowland Elotes	89	152	15	75	9	25
Punta Lowland	92	150	17	90	8	25
Tuxpeño	125	205	18	110	12	32

The close resemblance of a number of Guatemalan races to Colombian races supports the hypothesis (Wellhausen et al, 1952) that the evolution of maize in Mexico (and parts of Central America) is the product of hybridization between ancient indigenous races and South American races introduced into this region in pre-Columbian time.

Data on knob numbers, ear and plant characters are given in Tables 1-3.

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