

Character	No. of cases exhibiting a ratio of:		Character	No. of cases exhibiting a ratio of:	
	3:1	15:1		3:1	15:1
B. Seedling traits:					
Albino	9	2	Fine stripe on pale green background	3	1
Dwarf	8	3	Fine stripe on virescent background	2	
Luteus	18	3	Japonica	9	3
Yellow green	26	1	Bifurcate coleoptile	4	3
Pale green	54	11	Green striped	2	1
Fine stripe	21	8	Oily spotted		1
Glossy	39	12	Luteus + glossy	1	
Abnormal growth	20	26	Leafy coleoptile	1	
Liguleless	1		Green mottled	3	1
Virescent	49	12	Allium type	4	4
Lutescent	22	5			
Booster color	63	8			
Pale luteus	6	3			
Fine stripe on yellow green background	7	1			

M. Pozzi
A. Bianchi

3. New knob types in Italian maize.*

The cytological survey of open pollinated Italian maize is in further progress. Among the findings dealing with knob characters, the following may be reported:

- a) The type of chromosome 8 possessing in its long arm a prominent chromomere distal to the large knob has been again found, in a few cases together with the standard but more distal large chromomere; this suggests that the new small knob position - exactly midway between the two standard ones - is really a new knob forming region, and not the result of a chromosome inversion involving the previously known types.
- b) A small knob has also been detected in the middle of the short arm of chromosome 8.
- c) In a few cases the distal prominent chromomere of the long arm of chromosome 6 has been found replaced by a large, long-shaped knob.

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A. Bianchi
M.V. Ghatnekar
A. Ghidoni