

The Number of Kernel Rows in Jala Maize

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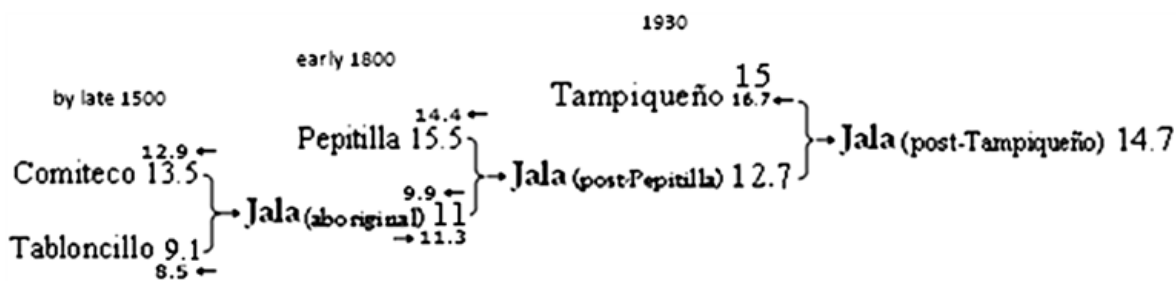
There is much more to Jala than has been hitherto summarized. A critical story, and its heretofore missed sources, follows.

It seems that Jala began (seemingly in the 1600s) with an average of 11 kernel rows (cf. Rice 2004, p. 15; Wellhausen 1952). Adulteration by Pepitilla (early 1800s) added 2 rows, making the total quantity of rows close to 13 (cf. Anderson 1946, p. 160, 174, 193, 211, for example; Rice 2004, regarding Chino; Kempton 1924 and Kempton 1926, for example; Kempton seed). Then Tampiqueño (Tampiquenyo; by 1944, Wellhausen seed) added another 2 rows, making the total quantity of rows close to 15, the quantity in today's oldest Jala materials (Tampico, a Tamaulipan Gulf port city; photo Anderson 1946 p. 149; Wellhausen's New Year 1944 collections).

References

1. Anderson 1946. *Annals Missouri Bot Garden* 33 (2):160-211
2. Kempton 1924. *J Agric Res* 28 (11):1098
3.           1926. *J Agric Res* 32 (1):41
4. Rice 2004. Ph.D. dissertation, Cornell University, Ithaca, NY
5. Wellhausen 1952. *Races of Maize in Mexico*, Bussey Institute of Harvard University, Cambridge, MA

## KERNEL-ROW QUANTITY OF THE GIANT JALA MAIZE



**The change in the kernel-row quantity of the giant Jala maize.** This figure is derived from the following sources:

- Anderson, *Annals Missouri Bot Garden* 33 (2): e.g. 149, 160, 174, 211, 1946
- Duncan and Hesketh, *Crop Sci* 8 (6):671, 1968 Jala was made post-1500
- E. Rice, Ph.D. thesis, Cornell University 2004 and personal communication 2007
- Jala municipal webpage, 2006 - <http://e-local.gob.mx/work/templates/enciclo/nayarit/mpios/18007a.htm>  
- maybe Catholics brought Comiteco up, early 1500s
- Kempton, *J Hered* 15 (8):337-344, 1924
- Kempton, *J Agric Res* 28 (11):1098, 1924 and 32 (1):40-41, 1926

Listman, Diversity 8 (1):14-15, 1992

Weatherwax, MNL 22:22-23, 1948

Wellhausen, Races of Maize in Mexico, Bussey Institute of Harvard University, Cambridge, MA, 1952 (1944 data)