

1. Maize breeding.

Three synthetic varieties are being produced, two of them in the current way, with inbreds that we made from the varieties Yellow Synthetic (University of Minnesota) and Hays Golden; the other one, by the strain building method, out of the variety Midland. The variety (Midland) has been improved and is used in the South of our country. This is the first dent variety that has been distributed and grown in the country regularly.

We have produced a commercial dent-flint top-cross and distributed it for the first time this year. This top-cross has yielded significantly more than the standard varieties Midland and Colorado Klein in all the trials grown in the last three years.

As part of our work in corn breeding we have developed some seventeen inbred lines. They are now being used in single crosses to predict doubles. Those inbreds listed below are available if any corn breeder is interested to try them.

No. of Inbred	Years of Inbreeding	Origin
C15-1	7	Colorado "La Estanzuela"
C15-2	6	"
C16-1	7	Colorado Klein
C16-2	"	"
C31-1	"	Hays Golden
C31-2	"	"
C31-3	6	"
C2-1	7	Yellow Synthetic (Univ. of Minn.)
C2-2	"	"
C2-3	"	"
C2-4	"	"
C2-5	"	"
C2-6	"	"
C2-7	"	"
C2-8	"	"
C6-1	"	Improved Leaming
C6-2	"	"

R. Constancio Lazaro