

Project No.: T-4720
Project Title: Farm
Object: To produce a new cigarillo which has low tar and nicotine deliveries.
Personnel Involved: S.M. Candlish, R.R. Smith, M.T. Schiff, G. Knapp, L. Bouchard.

2nd Quarter 1971: The initial step in this project was to determine the effect of varying porosities of wrapper and binder on the TPM level of Old Port Colts.

Samples were produced with Rapaport wrapper and binder at three different porosity levels, Ultra A perforated, RTL perforated and PLT perforated. Regular Old Port Colts made with Ultra and unperforated PLT were produced as a control.

Samples are to be smoked for TPM deliveries.

2nd Half 1971: The objective of Project 'Farm' has been redefined. Instead of attempting to produce a new cigarillo with low tar and nicotine deliveries, work is now being directed towards the improvement of our present Old Port Colts. Means of reducing irritation and decreasing T & N numbers without adversely affecting taste are being investigated.

5 samples were tested. One sample was regular manufacture Colts, the remaining four samples were experimental leaf recipes (recipe G.C. 703C, 703F, 703H, and 703M). The results appeared to indicate that recipes G.C. 703H and G.C. 703M provided similar subjective properties to regular Colts, with blend G.C. 703M subjectively slightly more acceptable than G.C. 703H, on the basis of decreased irritation. Leaf recipe G.C. 703C was subjectively unacceptable, on the basis of reduced taste quantity. G.C. 703F was also unacceptable, due to a diminished quality of sidestream aroma and taste, as well as increased irritation.

However, very few results were obtained at a level of statistical significance. Most of the perceived differences between the samples were indicated by insignificant trends, and were marginal.

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