citrus breeding







Cirad and Inra institutes develop a Citrus breeding program in Corsica (France). The objective is to create and select excellent varieties of mandarin, and grapefruit like. Fruits should have a nice color, good flavor, good TSS/TA, long shelf life and should be easy peeler, juicy... To produce seedless varieties, we focused on triploid hybrid selection and self-incompatible varieties. Marker-assisted selection increases significantly the efficiency of our breeding program for colored varieties or/and disease tolerant character. Several thousand hybrids are under evaluation. Selections of new varieties are in process and will be soon evaluated in different farms in Corsica. Cirad/Inra develop also citrus breeding in relationship with international companies.

Contact : yann.froelicher@cirad.fr http://umr-agap.cirad.fr/en - www.corse.inra.fr

