

茶樹多交育種試驗

楊盛勳、蔡憲宗

行政院農業委員會茶業改良場

摘要：在本場之品種園中，種植有 108 個來自各茶區之地方品種及雜交育成品種；首先選出有實績栽培品種、抗病蟲害之品種或親緣較遠之品種 20 個，同時栽植於隔離圃，任其自由相互雜交，收穫其多交種子，以供育種之材料。目前各參試品種收穫之多交種子為青心烏龍(4 粒)、青心大有(87 粒)、水仙(7 粒)、四季春(204 粒)、白毛猴(45 粒)、青心柑仔(50 粒)、緬甸(203 粒)、山茶(42 粒)、台茶 12 號(151 粒)、台茶 13 號(104 粒)、駿河生(39 粒)、藪北(45 粒)、硬枝紅心(226 粒)、漢口(164 粒)、大葉烏龍(87 粒)、武夷(50 粒)、台茶 17 號(41 粒)、祁門(319 粒)、台茶 16 號(13 粒)、烏金(14 粒)合計 1,895 粒，已調製完成並保存供育種之材料。

Study on Tea Polycross Breeding

Yang Sheng-Shiun and Shien-chung Tsai

Taiwan Tea Experiment Station, COA

Abstract : 1) There are about 108 varieties of tea-plant to cultivate in tea variety garden of TTES. They contain local and crossbreeding varieties where all come from tea production areas of the world. We choose about 20 varieties which are consist of practical cultivation 、 tolerance to pest and disease and genetic distant relationships. They cultivate in separate Plots simetaneously, arbitrary hybridize to one another and obtain their polycross seeds, These seeds can be preserver and provided for tea breeding materials. 2) The varieties which participate in the tea polycross breeding test include Chin-Shin Oolong (4 seeds) 、 Chin Shin Dah Pan (87 seeds) 、 Shoei Shian (7 seeds) 、 Shy Jih Chuen (204 seeds) 、 Bair Mau Hour (45 seeds) 、 Gan Tzy (50 seeds) 、 Burma (203 seeds) 、 Sun Cha (42 seeds) 、 TTES No.12 (151 seeds) 、 TTES No.13 (104 seeds) 、 Surugasho (39 seeds) 、 Yabukita (45 seeds) 、 Ying Jy Horng Shin (226 seeds) 、 Hannkoou (164 seeds) 、 Dah Yeh Oolong (87 seeds) 、 Wuu Yi (50 seeds) 、 TTES No.17 (41 seeds) 、 Keemon (319 seeds) 、 TTES No.16 (13 seeds) 、 Wu Jin (14 seeds). These all have been prepared and preserved to provide for tea breeding materials.