作物環境課

農產加工

農產品加工主要針對稻米、文旦、青梅等轄區重要農作物,以及山藥、小米、當歸等地方性特色農產品,運用醃漬、乾燥、研磨、萃取、殺菌方法的組合開發加工技術。

此外,積極辦理有機農產品加工技術之研發,代表性的加工技術及產品包含養生藥膳包、養生粥品即食餐包、養生穀類飲品、彩色年糕預拌粉、有機梅子即溶飲品、 禾本香鬆、紫米醋飲、彩色米量產加工技術、發芽米有機加工技術、常溫調味米飯 加工技術等。

除了開發技術與進行轄區農民加工輔導之外,本場先後也取得彩色米加工之方法、 山藥零餘子加工技術之方法、小米粥品加工技術之方法、米粒表面處理裝置之結構 改良、輔助發芽裝置等多項本國專利。

Agricultural product processing

Agricultural product processing primarily involves the development of processing techniques using a combination of techniques such as food pickling, dehydration, milling, extraction and sterilization of essential crops such as rice, pomelos, plums, as well as unique local agricultural productions such as Chinese yams, millets, and *Angelica acutiloba*.

In addition, we are actively researching and developing processing techniques for organic agricultural products. Representative products and processing techniques include medicinal plant soups, medicinal plant congee, cereal beverages, kumquat tablet, premixed glutinous rice cake flour, organic plum instant beverages, stabilized rice bran, purple rice vinegar beverages, mass production and processing techniques for colored rice, processing technique for organic germinated rice, and aseptic flavored cooked-rice.

In addition to developing various processing techniques and teaching these techniques to local farmers, we also received domestic patents for Methods of Processing Technology for Colorized-Rice, Methods of Processing Technology for Yam Bulbils, Methods of Processing Technology for Millet Porridge, Improvement on Structures for Surface Treatment Facility of Rice and Auxiliary Germination Apparatus.









- 1. 利用天然蔬果萃取顏色披覆於白米上之彩色米 Colored rice produced by applying colors extracted from natural fruits and vegetables to the surface of white rice.
- 2. 養生粥品即食餐包已技轉業者量產 Processing techniques for aseptic congee transferred to private sectors for mass production.
- 3. 多樣化發芽米產品 Diversified germinated rice products.
- 4. 養生穀類飲品 Health-preserving cereal beverages.
- 5. 彩色年糕及預拌粉 Colored glutinous rice cake and premixed powder.

47

Introduction to the Hualien District Agricultural Research and Extension Station, COA/Crop Environment Section