

## 農業環境

本區位於臺灣東北部及東部，包括宜蘭、花蓮兩縣。全區面積6,772平方公里，其中平地約占13%，餘為高山或山坡地。耕地面積74,647公頃，為土地總面積之11%，其中水田30,345公頃，為耕地面積41%，旱田44,302公頃，占59%。本區花蓮縣耕地土壤多為石灰質片岩沖積土，土層淺而石礫多，地力貧瘠；宜蘭縣則屬於粘板岩沖積土，部分地區排水不良。本區地形山多且陡，河流短且急，颱風地震等天然災害多。

本區屬亞熱帶氣候，年平均氣溫為22.4℃；月平均溫以7月或8月最高，在27.2~29.0℃之間，以1月或2月最低，在15.6~18.2℃之間。年雨量宜蘭縣為3,173公釐，花蓮縣2,003公釐，均以9月最多。日照比臺灣西部少，每月平均日照以7、8月最長，約200~230小時，而12月至翌年2月較短，大約在40~80小時之間。

民國91年全區農戶數為46,608戶，占總戶數19%，農業人口數為245,251人，約占總人口數之30%。

本區主要栽培作物，花蓮縣為水稻、玉米、茶、文旦、西瓜、李、落花生、梅、金針和甘藷；宜蘭縣為水稻、甘藍、桶柑、金柑、柳橙、文旦、茶、蔥、蓮霧、銀柳及蒜等。





## Agricultural Environment

This Station is responsible for the agricultural improvement of the Hualien and Yilan counties which are located in the northeastern and eastern parts of Taiwan. The total area of the two counties is 6,772 square kilometers; of which about 13% is plain and the other 87% is mountain and slope land. The two counties are characterized by high and steep mountains and many short but rushing rivers. The arable land occupies 11% (74,647 hectares) of the total land area, including 30,345 hectares of paddy field (41%) and 44,302 hectares of dry farmland (59%). In Hualien County, the arable land is mostly lime schist alluvial soil with shallow topsoil layer mixed with stones and gravels. The fertility of the soil is low in terms of agricultural production. In Yilan County, the cultivated land soil is mostly glue slate alluvial soil with poor drainage in many areas.

The climate is subtropical in this district with an annual mean temperature of 22.4°C. The highest monthly mean temperature is in July and August (27.2-29.0°C) and the lowest in January and February (15.6-18.2°C). The annual precipitation is 3,173 mm in Yilan County and 2,003 mm in Hualien. Sunshine duration is less than that of the western Taiwan with the longest monthly mean sunshine duration of 200-230 hours in July and August and the shortest of 40-80 hours from December to February.

In 2002, farming household in this district is 46,608 which account for 19% of the total household number in this District. Farming population is 245,251 or about 30% of the total population.

The main crops cultivated in Hualien County include rice, maize, tea, wentan pomelo, watermelon, plum, peanut, prune, daylily and sweet potato. In Yilan County, the main crops are rice, cabbage, tangerine, kumquat, orange, wentan pomelo, tea, green onion, waxy apple, cat-tail willow, and garlic.

