

# 農業環境

## Agricultural Environment

本區位於臺灣東北部包括宜蘭、花蓮兩縣。全區面積6,766平方公里，平地約佔16%，餘為高山或山坡地。本區耕地面積71,915公頃佔土地總面積之11%，其中水田30,674公頃佔耕地面積43%，旱田41,241公頃佔57%。本區地形山多且陡，河流短急，颱風地震等天然災害多。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；宜蘭縣則為粘板岩沖積土，部分地區排水不良。

本區屬亞熱帶氣候，年平均氣溫為22.7°C，七月最高，平均為28.5°C，一月最低，平均為17.1°C。年雨量宜蘭縣為2,793公釐，花蓮縣2,234公釐，均以九月最多。日照比臺灣西部少，每月平均日照以七月最長，約225小時，而十二月至翌年二月較短，大約在60~80小時之間。

民國八十七年全區農戶數為46,963戶，佔總戶數20%，農業人口數為236,417人，約佔總人口數之29%。

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

The Hualien district including Ilan and Hualien counties is in the northeast of Taiwan. The total area is 6,766 km<sup>2</sup> with only 16% of lowlands, the rest is mostly mountainous and hilly. The total arable land is 71,915 ha (11% of the land area), of which 30,674 ha or 43% are paddy fields and 41,214 ha or 57% are drylands. In Hualien, most of the cultivated fields are covered with the alluvial soil derived from calcareous schist. The soil texture is rather coarse and the topsoil is usually shallow, thus, low fertility is generally found. In Ilan, the alluvial soil derived from slate is also low in fertility and usually is water-logged. Besides low productivity, the high frequency of typhoon also causes serious disasters in this district.

The annual mean temperature is 22.7°C, with highest of 28.5°C in July and the lowest of 17.1°C in January. The annual precipitation is 2,793 mm



in Ilan, and 2,234 mm in Hualien. The heaviest rainfall is found in September for both counties. Compared with the western area of Taiwan, Hualien district has shorter light duration. The longest average light duration per month is 225 hours in July, and the shortest is 60 to 80 hours from December to February.

In 1998, there were 46,963 farming families in the district, which was about 20% of the total families. The number of farmers are 236,417, representing about 29% of the total population. The major crops are rice, sugarcane, corn, pomelo watermelon, plum, peanut, Japanese apricot, day lily and sweet potato in Hualien; rice, cabbage, citrus fruit, pomelo, tea, green onion, wax apple and garlic in Ilan.