

Climate Risk Assessment for Horticulture Regions - Bowen, QLD



Climate Projections



Cyclones may be less frequent but more intense



Temperature reached on hottest days may increase

Also an increase in the frequency of hot days and the duration of warm spells



Bushfires will be more intense

Potential Impacts



Increased salinity of estuaries & groundwater



Change in seasons (earlier summers, later & warmer winters)



Storm surges
Storms/cyclone damage



Increased rainfall intensity & flooding

Mitigation Options



Farming operations:
Crop selection & flexible planting schedule



Infrastructure:
Cyclone resistant sheds, disaster plan procedures



Supply chains/markets:
Collective strategy, transport contingency plans



Human health:
Heat management plans, PPE & workable award conditions