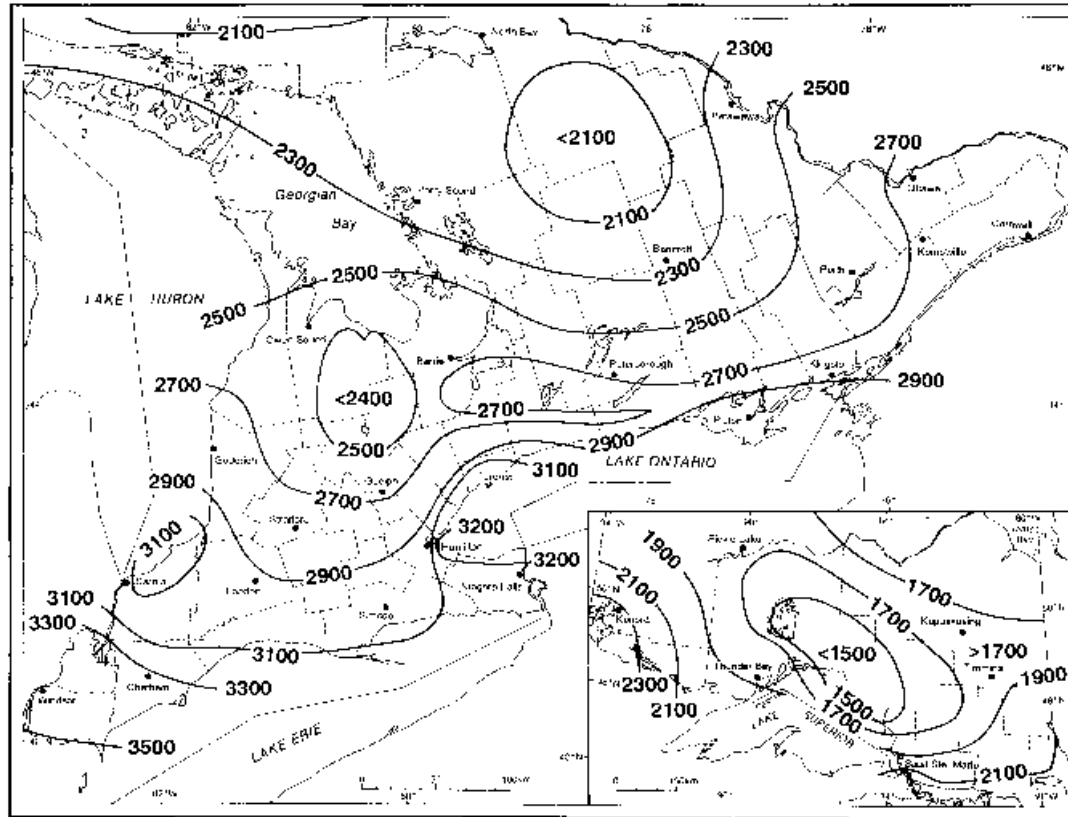


## Heat Units Available for Corn Production in Ontario



More information about the Corn Heat Unit system can be found in the OMAFRA factsheet *Crop Heat Units For Corn And Other Warm-season Crops in Ontario*, (<http://www.gov.on.ca/OMAFRA/english/crops/facts/93-119.htm> )

### TESTING METHODS

Seed companies select the hybrids they enter in The Ontario Corn Committee's Hybrid Corn Performance trials. A testing fee is charged per hybrid per replication. In each trial, hybrids are replicated in a suitable experimental design. Trials are machine planted with an excess of seed and thinned at an early growth stage to obtain a uniform population. A row width of 30 inches is used in all trials. Immediately before harvest, a count is made of all plants broken below the ear and from this count the percentage of broken stalks is determined. The moisture percentage of the grain is determined at harvest time to indicate the relative maturity of each hybrid. The weight of grain harvested from each plot is determined and the yield of shelled corn is calculated at 15% moisture. Test weights are recorded either during harvest, using monitoring equipment, or in the laboratory, using methods recommended by the Canada Grain Commission. Nitrogen rates may be higher than those recommended by OMAFRA to compensate for any variability in nitrogen supply.