

## Chapter 6

### Conclusion

The objective of this study was to compare the nutritional status of soil derived from different parent material; limestone, sandstone and granite.

Nutrient concentration varied among soil types. Soil derived from limestone as parent material had the greatest pH value of 7.5-7.7 and amount of Ca and N. Sandstone soil was very rich in Mn and Fe and showed proper pH value of 4.7 - 5.8 as in granite soil. In all soil types, amount of Phosphorus, Manganese, Zinc and Boron were lower than that of standard, and it showed the possibility of deficiency. No difference was found in terms of nutrient concentrations in different soil types. For fruit quality, there was no significantly different in fruit color, size, TSS and TA in different cardinal points. Great correlation was found between soil and leaf in N, Mg, Mn and Fe; soil and fruit in N, Mn and Fe; and leaf and fruit in Mn.