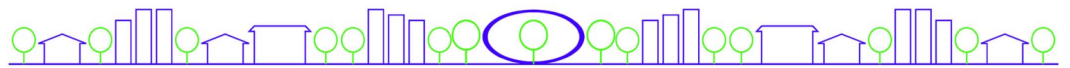


## APPENDIX I



## AGRICULTURAL RESOURCES



PLANNERS  
CONSULTING  
ENGINEERS &  
LANDSCAPE  
ARCHITECTS

Table I-1 OMAF Titles

A First Look - Practical Solutions for Soil and Water Problems  
Farm Forestry and Habitat Management  
Field Crop Production  
Fish and Wildlife Habitat Management  
Horticultural Crops  
Integrated Pest Management  
Irrigation Management  
Livestock and Poultry Waste Management  
No-Till: Making It Work  
Nutrient Management  
Nutrient Management Planning  
Pesticide Storage, Handling and Application  
Soil Management  
Water Management  
Water Wells

Table I-2

It has been determined that a nutrient management plan (NMP) should include the following components.

- ? Soil testing for available nutrients using provincially accredited laboratories
- ? Manure testing for available nutrients using provincially accredited laboratories
- ? Identification of residual nitrogen sources based on previous agronomic practices
- ? Relation of added nutrients (fertilizer, manure, biosolids, etc.) to soil test results and nutrient requirements of crops being produced (information contained in OMAFRA Publication 296)
- ? Assessment of application methods and timing to optimally apply nutrients (including supplemental fertilizers) for maximum efficiency of nutrient utilization by growing crops while minimizing leaching, runoff, and volatilization
- ? Calibrating manure and fertilizer spreaders to ensure that the application rate and placement is accurate (information sources include OMAFRA Publication 296 and Nutrient Management BMP Publication)
- ? Identification and mitigation of environmental risk associated with managing agricultural nutrients (i.e. surface and groundwater protection through implementation of buffer zones, wellhead protection, separation distances, etc.)
- ? Proper containment of agricultural nutrients while being stored (compliance with MDS II)
- ? Contingency plans for use in the event of an unintended nutrient discharge (Environmental Farm Plan Contingency Plan serves as an example)

Manure Spreading Etiquette (Good Neighbour Policies) that will minimize complaints relating to nutrient management practices