

## Agronomy Handbook

A & L Laboratories Agronomy Handbook is a 132 page reference manual which will assist you in the understanding of the following areas:

→ **Soil Analysis**

General Properties of Soil, Soil Management, Nitrogen, Phosphorus, Sulphur, Cation Elements, Potassium, Calcium, Magnesium, Sodium, Soil Reaction, Interpretation of pHw and pHs Values, Micronutrients, Timing and Application Methods for Soil Fertility Materials, Glossary of Fertilizer Placement Methods, & Soil Sampling.

→ **Reference Tables**

Organic Matter Percent and Estimated Nitrogen Release, Estimated Nitrogen Release by Various Crops and Manure, Manure Nitrogen Availability Factors for Various Storage, Treatment, Application, And Incorporation Methods, Composition of Manures from Various Sources, Suggested Average Phosphorus Recommendations, Composition of Principal Sulphur-Containing Materials, Sulphur Recommendations, Balanced Saturation of Potassium, Magnesium and Calcium, Relative Salt Tolerance Ratings of Selected Crops, Nutrient Availability in Relation to pH, Influence of Soil pH on Lime Requirments and Nutrient Availability, Desirable Soil pH Ranges, Amounts fo Lime Required to Bring Mineral and Organic Soil to Indicated pH according to pHsmp Test, Calicum and Magnesium Supplying Materials, Crop Response to Micronutrients, Micronutrient Soil Test Rating and Soil Recommendations Guide, Suggested Rates and Sources of Secondary and Micronutrients for Foliar Application, Typical Micronutrient Source, Composition of Principal Fertilizer Materials, Crop Deficiency Symptoms.

→ **Plant Analysis**

Reasons for Using Plant Analysis, Sampling, Plant Analysis Interpretation, Diagnosis of Field Problems, Nutrient Corrective Methods.

→ **Reference Tables**

Plant Food Utilization, Crop Monitoring - Sampling Procedures, Relationship Between Nutrient Concentration in Plant Tissue and Crop Behavior, Crop Monitoring, Plant Tissue Sampling Procedures, Plant Analysis Guide - Nutrient Sufficiency Ranges, Concentration, Function and Primary Source of Essential Plant Elements, Approxiamate Pounds of Plant Food Nutrient Removal, Nutrient Removal, Plant Tissue Analysis Guide, Bushel Weights of Common Commodities, Conversion Factors, Conversion Factors for English and Metric Units.

***The Agronomy Handbook can be ordered from A&L Labs at a cost of \$25.00 (plus GST)***

[Back](#)