

Introduction

With increased emphasis on Nutrient Management Planning, the need for a good understanding of the principles affecting soil and applied crop nutrients is increased. Crop nutrients are applied to agricultural lands as inorganic fertilizers, manure and other organic materials. There are many factors which affect the efficacy of these applied nutrients, including: time of application, method of applications(s), rate of application, environmental factors and many others. In order to best manage crop nutrient inputs producers and their crop advisors need to have a good handle on the principles.

This manual will hopefully serve as a guide for those new to nutrient management and those who have prior knowledge and experience. It is intended to cover the principles involved, and not serve as a compendium of all current and past research conducted in Kansas and surrounding states.

Acknowledgements

This manual was compiled from many private and public sources, including;

- Kansas State University Agronomy Research and Extension publications, various authors
- In-Depth Soils Manual, written by Dave Whitney and Ray Lamond
- 'Principles of Nutrient Management Guide', Agronomy Services Department, Agrilience, LLC
- Many other University and company educational materials

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Managing Soil and Applied Nutrients

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