



Behavior of Phosphoric Acid in the Soil: A Thesis Submitted to the University Faculty of Cornell University for the Degree Doctor of Philosophy (Classic Reprint) (Paperback)

By James Adrian Bizzell

Forgotten Books, 2016. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****. Excerpt from Behavior of Phosphoric Acid in the Soil: A Thesis Submitted to the University Faculty of Cornell University for the Degree Doctor of Philosophy III. It is the tendency of phosphoric acid to form the more difficulty soluble compounds in the soil, but not all the phosphoric acid appears to be so combined, nor is such combination always effected with with great rapidity. The complete fixation in some cases does not take place for several months. IV. Mixed with calcium carbonate, in the presence of soil water, phosphates of iron and aluminum undergo decomposition with the formation of calcium phosphate. With certain soils, calcium hydroxide also apparently has a solvent action on the phosphates of iron. Conditions affecting the equilibrium between these compounds have not been determined. V. Absorption may be in uenced to some extent by the presence of some of the alkali salts. The effect is not very well defined. In some cases the solubility of the soil phosphoric acid seems to be increased in the presence of these salts. About the Publisher Forgotten Books publishes hundreds of thousands of...



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