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PAPERS [ON SOILS AND SOIL CONSTITUENTS]

by

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Please note: This page created as the doctorate lacks a title page .

PAPERS SUBMITTED BY C. S. PIPER FOR EXAMINATION FOR THE DEGREE OF DOCTOR OF SCIENCE.

A. INVESTIGATIONS ON MINOR ELEMENT DEFICIENCIES IN PLANTS.

	1. Grey Speck (Manganese Deficiency) Disease of Oats.	G. Samuel and C.S.P.	S.A. Journ. Agric.	1928
	2. Manganese as an Essential Element for Plant Growth.	G. Samuel and C.S.P.	Ann. Appl. Biol.	1929
	3. The Availability of Manganese in the Soil.	J. Ag. Sci.		1931
	4. The Boron Status of S.A. Apples.	J. C.S.I.R.		1936
216	5. Response to Copper on a S.A. Soil.	D.S. Riceman, C.M. Donald and C.S.P.	J. A.I.A.S.	1938
224	6. The Occurrence of Reclamation Disease in Cereals in S.A.		C.S.I.R. Pamphlet 78	1938
	7. The Symptoms and Diagnosis of Minor Element Deficiencies in Agricultural and Horticultural Crops. Parts I and II.		Emp. J. Exptl. Agric.	1940
270	8. Molybdenum as an Essential Element for Plant Growth.		J. A.I.A.S.	1940
	9. Marsh Spot of Peas: A Manganese Deficiency Disease.		J. Ag. Sci.	1941
	10. Investigations on Copper Deficiency in Plants.		J. Ag. Sci.	1942.

B. DESCRIPTIONS OF SOIL TYPES.

	1. The Volcanic Soil of Mt. Gambier, South Australia.	J.A. Prescott and C.S.P.	Roy. Soc. S.A.	1929
	2. The Soils of the South Australian Mallee.	J. A. Prescott and C.S.P.	Roy. Soc. S.A.	1932
	3. Some Characteristics of Soils used for Turf Wickets in Australia.		Roy. Soc. S.A.	1932
	4. Soils from Sub-Antarctic Islands.		B.A.N.Z.A.R. Exped.	1938
	5. The Red-Brown Earths of South Australia.		Roy. Soc. S.A.	1938

C. ANALYTICAL METHODS.

	1. Methods for the Examination of Soils.	J.A. Prescott and C.S.P.	C.S.I.R. Pamphlet 8	1928
	2. The Mechanical Analysis of Soils	C.S.P. and H. G. Poole	C.S.I.R. Pamphlet 13	1929
	3. The Determination of Sodium by Precipitation as the Triple Salt, Sodium Uranium Magnesium Acetate.		J. Ag. Sci.	1932
	4. The Volumetric Determination of Potassium by the Cobaltinitrite Method.		J.S.C.I.	1934
	5. Exchangeable Hydrogen in Soils.		J. C.S.I.R.	1936
	6. A Comparison between Schofield's p.n.p. Buffer Method and the Method of Prescott and Stephens for the Determination of Lime Requirement of Soils.	C.S.P. and C. G. Stephens.	J. C.S.I.R.	1936
	7. The Determination of Sodium and Potassium.		J. Aust. Chem. Inst.	1937
	8. The Use of Selenium as a Catalyst in the Kjeldahl Method for Estimating Nitrogen.		J. Aust. Chem. Inst.	1938
	9. The Use of Perchloric Acid in the Digestion of Plant Materials.		J. Aust. Chem. Inst.	1939
	10. Silica and Pyrex Glass Stills with Automatic Constant-Pressure Feeds.			
		C.S.P. and A.C. Certel.	Ind. Eng. Chem. (Anal.)	1941
	11. Soil and Plant Analysis.		Waite Institute Monograph	1942

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