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Synopsis of Articles Containing Genuine Research Work.

Physiological Studies in Plant Nutrition.

The Effect of Mineral Deficiencies on the growth and yield of Edible Peas.

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Edible peas grown in sand - culture were subjected to the following nutritional treatments : fully manured, minus Phosphorus, minus potassium, minus nitrogen, minus calcium and minus magnesium. Acute nitrogen deficiency symptoms were shown on cultures deprived of nitrogen whereas restricted growth of tops was the only visual symptom exhibited by other deficient plants. Yields of fruits and seeds of all deficient cultures were materially reduced. The yield of the various cultures was in the order : fully manured > minus magnesium > minus calcium > minus phosphorus > minus potassium > minus nitrogen .