ROLE OF SULPHUR IN OILSEED CROPS: A REVIEW


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Abstract: India is largest producer and consumer of vegetable oil in the world. Oilseeds have been the backbone of agricultural economy of India since long. Oilseed crops are primarily grown for edible oil. Sulphur is an important nutrient for the higher yield and quality of oilseed crops. Sulphur plays a remarkable role in protein metabolism. It is required for the synthesis of proteins, vitamins and chlorophyll and also sulphur containing amino acids such as cystine, cysteine and methionine which are essential components of protein. Among the sulphur supplying sources, gypsum and elemental sulphur are being abundantly used in sulphur deficient soils. Use of high analysis sulphur free fertilizers, heavy sulphur removal by the crops under intensive cultivation and neglect of sulphur replenishment contributed to widespread sulphur deficiencies in arable soils. Due to Sulphur Deficiency, plants leaves become pale green, yellowish green or complete yellowcolouration. The leaves are smaller and narrower and stem growth is affected.

Keywords: Sulphur, Growth, Oilseed, Quality

REFERENCES


