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Synopsis of Articles Containing Genuine Research Work .

The Effect of High Concentration of Sodium Salts on Both  
the Phosphorate Fixation Capacity and the Loss of Organic  
Matter in Drainage Water of clayey Base - Saturated Soils .

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The water of Nile carries to the irrigated soil an annual amount of 12.5 kgms. of sodium .

The Kufri manure contains an average of 2.5 - 10% of Na cl, the Tafla manure 4 - 9%. An application of 100 Kilos of nitrate of soda gives the soil 27 Kgms. of sodium .

Although sodium is beneficial in the nutrition of the plant and substitutes potassium to a great extent , it has harmful effects on the nature of the soil , causing its alkalinity , reducing the availability of phosphates in the soil , and bringing about a loss in the organic contents of the soil .