

## Cultivation of Cucumber in Greenhouse

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### Abstract

Cucumber (*Cucumis sativus* L.) is a very common and important crop cultivated in worldwide and often raw or eaten vegetable without cooking. It has been growing as a food or medicinal since ancient time in India. The seed of cucumber used for extraction of oil which is excellent for brain and body. Cucumber contains around 96% of water, which is good for summer season. Ployhouse cucumber cultivation is very famous in many countries of the world. Sandy loam soil containing high organic matter with good drainage facility and having electric conductivity less than 2 dS/m and range of pH from 6.5-7.5 are considered ideal for cultivation of cucumber. Moderately warm climate is requiring for better growth. The plants are large in size, hairy leaves, triangular shape and yellow coloured flower. Cucumber is an excellent source of molybdenum, vitamin and potassium and also used to cure of skin problems, kidney, heart problem and used as alkalizer. Protected cultivation of cucumber ensures higher productivity and superior quality than open cultivation.

**Keywords:** Cucumber, protected cultivation, soil preparation, nutrient management, harvesting

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### 1. Introduction

Cucumber (*Cucumis sativus* L.) is an important vegetable crop from Cucurbitaceae family and having a chromosome number  $2n = 14$ . Cucumber is native of south Asia, specifically warm and humid climate of the Himalaya in North West India and probably northern Africa. It gives best response under high temperature, humidity and light intensity with sufficient supply of water and nutrients. In India cultivation of cucumber is noted at least 3000 years ago and during 100 B.C. in China.