

Yield response of cucumber (*Cucumis sativus* L.) to shading percentage of shade net

■ M.A. PATIL AND A.D. BHAGAT

Received : 26.02.2014; Revised : 20.03.2014; Accepted : 29.03.2014

See end of the Paper for authors' affiliation

Correspondence to :

M.A. PATIL

Department of Soil Water Engineering, Maharana Pratap University of Agriculture and Technology, UDAIPUR (RAJSTHAN) INDIA
Email : mangalpatil43@gmail.com

■ **ABSTRACT** : The field experiment was conducted at Instructional Farm of Department of Irrigation and Drainage Engineering, Mahatma Phule Krishi Vidyapeeth, Rahuri, to study the yield response of cucumber (cv. Gypsy) grown under shade net house to 35, 50, 75 per cent shading and in open field condition. Biometric characteristics viz., days to 50 per cent flowering, average diameter of fruit, average length of fruit, average weight of fruit, length of vine at last harvest, number of fruits per vine and yield of fruit were observed throughout the growth period. The results were compared with the performance of the crop grown in open field (control) condition and also statistically analysed. Irrespective of nutrient sources applied, the performance of crop grown inside the shade net was comparatively better than grown in open field conditions.

■ **KEY WORDS** : Cucumber (*Cucumis sativus* L.), Shade net, Shading per cent, Biometric characteristics

■ **HOW TO CITE THIS PAPER** : Patil, M.A. and Bhagat, A.D. (2014). Yield response of cucumber (*Cucumis sativus* L.) to shading percentage of shade net. *Internat. J. Agric. Engg.*, 7(1) : 243-248.