

## Economics of cucumber (*Cucumis sativus* L.) grown under shade net house with different fertigation levels

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■ **ABSTRACT** : The field experiment was conducted at the Instructional Farm of Department of Irrigation and Drainage Engineering, Mahatma Phule Krishi Vidyapeeth, Rahuri during the period from January 2012 to May 2012. The cost economics of cucumber (var. Gypsy) production per m<sup>2</sup> under shade net house with 35, 50 and 75 per cent shading with open field trial and different fertigation levels were worked out. While working out the cost economics, cost of production, gross monetary returns, net income were considered to work out the benefit cost ratio. The study showed that, the maximum cost of production was recorded under the shade net with 75 per cent shading with application of NPK ratio as per the growth stage of cucumber with 125 per cent NPK of Rs. 74.34/m<sup>2</sup>, the maximum gross monetary returns and net returns were recorded under shade net with 75 per cent and application of 125 per cent NPK through drip of Rs. 125. 2/- and Rs. 51.28/m<sup>2</sup>, respectively with benefit – cost ratio of 1.69.

■ **KEY WORDS** : Cost economics, Fertigation, Shade net house, Benefit – cost ratio

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