

RESEARCH PAPER

ADVANCE RESEARCH JOURNAL OF
C R P
IMPROVEMENT
Volume 7 | Issue 2 | December, 2016 | 197-200
..... e ISSN-2231-640X

DOI :
10.15740/HAS/ARJCI/7.2/197-200
Visit us: www.researchjournal.co.in

Performance of capsicum under protected and open field conditions under Mokokchung district of Nagaland

■ RENBOMO NGULLIE¹ AND PIJUSH KANTI BISWAS

AUTHORS' INFO

Associated Co-author :

¹Krishi Vigyan Kendra,
Yisemyong, MOKOKCHUNG
(NAGALAND) INDIA

Author for correspondence:

PIJUSH KANTI BISWAS

Krishi Vigyan Kendra,
Yisemyong, MOKOKCHUNG
(NAGALAND) INDIA
Email: drpijushpckvk@gmail.com

ABSTRACT : Capsicum was grown under different growing conditions viz., polyhouse, black plastic mulch and open field at Longkuba, Longkhum village to assess the growth and yield performance. Seedlings were raised in the low cost polyhouse and transplanted when they were 45 days old at a spacing of 45 x 60 cm. The data obtained from the experiment were analyzed statistically by using Randomized Block Design (RBD). The results revealed that capsicum grown under polyhouse significantly increased plant height (90.7cm) and number of structural branches (12.59). The yield parameters like fruit length (10.75cm), fruit diameter (8.14cm), fruit circumference (24.9cm), individual fruit weight (122.75g) and overall fruit yield (49.8 MT/ha) were also significantly higher under polyhouse.

KEY WORDS : Capsicum, Polyhouse, Plastic mulch, Open field

How to cite this paper : Ngullie, Renbomo and Biswas, Pijush Kanti (2016). Performance of capsicum under protected and open field conditions under Mokokchung district of Nagaland. *Adv. Res. J. Crop Improv.*, 7 (2) : 197-200, DOI : 10.15740/HAS/ARJCI/7.2/197-200.

Paper History : Received : 24.07.2016; Revised : 04.11.2016; Accepted : 18.11.2016