



Research Note

Article history :

Received : 10.09.2012

Accepted : 26.05.2014

Effect of etiolation on air layering of cashewnt (*Anacardium occidentale* L.) cv. VENGURLA-6

■ D.J. MODI¹, B.K. PATEL¹, H.S. BHADAURIA¹, L.R. VARMA¹, G.K. PRAJAPATI¹ AND V.R. GARASIYA

Members of the Research Forum

Associated Authors:

¹Department of Horticulture, C.P.
College of Agriculture, S.D.
Agricultural University,
Sardarkrushinagar, BANASKANTHA
(GUJARAT) INDIA

Author for correspondence :

V.R. GARASIYA

Department of Horticulture, C.P.
College of Agriculture, S.D.
Agricultural University,
Sardarkrushinagar, BANASKANTHA
(GUJARAT) INDIA
Email : garasiya9763@gmail.com

ABSTRACT : The present studies were undertaken to ascertain the effects of etiolation on air layering of cashewnut, studied effect of etiolation in two ways namely E₁ (without etiolation) and E₂ (with etiolation) which indicated that, etiolated shoot took significantly minimum days (23.31) for appearance of 1st rooting and days taken (32.34) for harvesting of air-layers as compared with non-etiolated shoot. The per cent success (56.72) of rooted layers was significantly higher in etiolated shoot than non-etiolated shoot. The number of primary root (11.06), number of secondary roots (22.49), number of roots (61.10) length of primary roots (5.01 cm), thickness of primary roots (0.30 mm) per layer, survival per cent (44.65) after one month of detachment, were observed etiolated shoot. Significantly higher in etiolated shoot in comparison to non-etiolated shoot.

KEY WORDS : Cashewnut (*Anacardium occidentale* L.), Etiolation, Air layering

HOW TO CITE THIS ARTICLE : Modi, D.J., Patel, B.K., Bhadauria, H.S., Varma, L.R., Prajapati, G.K. and Garasiya, V.R. (2014). Effect of etiolation on air layering of cashewnt (*Anacardium occidentale* L.) cv. VENGURLA-6. *Asian J. Hort.*, 9(1) : 267-268.