



Article history :

Received : 14.05.2014

Revised : 06.11.2014

Accepted : 20.11.2014

Effect of pre-harvest spray of MH and storage conditions on storage of bulbs of spider lily (*Hymenocallis littoralis* L.) cv. LOCAL

■ B. NILIMA¹, A.V. BARAD AND G. MADHURI¹

Members of the Research Forum

Associated Authors:

¹College of Agriculture, Junagadh
Agricultural University, JUNAGADH
(GUJARAT) INDIA

Author for correspondence :

A.V. BARAD

College of Agriculture, Junagadh
Agricultural University, JUNAGADH
(GUJARAT) INDIA
Email : avbarad55@gmail.com

ABSTRACT : The present experiment entitled effect of pre-harvest spray of MH and storage conditions on storage of bulbs of spider lily (*Hymenocallis littoralis* L.) cv. LOCAL was carried out at Department of Horticulture, College of Agriculture, Junagadh Agricultural University, Junagadh during 2011-2012. The experiment consisted of six levels of pre-harvest MH spray with four levels of storage conditions and it was laid out in Factorial Completely Randomized Design with three replications. Pre harvest spray of MH 3000 ppm was found to be more effective for reducing weight of bulbs, size of bulbs, physiological loss of weight, sprouting of bulbs and spoilage of spider lily bulb. Similarly, for biochemical parameters like T.S.S., total sugars, reducing sugar and non reducing sugar, were also found better in MH 3000 ppm for storage of bulbs. During storage the bulbs should be kept in plastic carets at an ambient temperature having good circulation of air in the store room.

KEY WORDS : Maelic hydrazide (MH), Pre-harvest spray, Spider lily, Storage conditions, Storage study

HOW TO CITE THIS ARTICLE : Nilima, B., Barad, A.V. and Madhuri, G. (2014). Effect of pre-harvest spray of MH and storage conditions on storage of bulbs of spider lily (*Hymenocallis littoralis* L.) cv. LOCAL. *Asian J. Hort.*, **9**(2) : 435-438.