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Residual effect of pre-harvest spray of MH and storage conditions of bulbs, during succeeding crop of spider lily (*Hymenocallis littoralis* L.) cv. LOCAL

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ABSTRACT : The present experiment entitled residual effect of pre-harvest spray of MH and storage conditions of bulbs, during succeeding crop of spider lily (*Hymenocallis littoralis* L.) cv. LOCAL was carried out at Department of Horticulture, College of Agriculture, Junagadh Agricultural University, Junagadh during 2012-2013. The experiment consisted of six levels of pre-harvest MH spray with four levels of storage conditions and it was laid out in Factorial Randomized Block Design Design with three replications. Minimum days taken to sprouting, maximum number of leaves at 1st flowering stage and leaf area were found in control (no maleic hydrazide spray and bulbs stored in plastic carets at an ambient temperature). But, minimum days to first flower emergence were found in control (no maleic hydrazide spray) net bags at an ambient temperature. Maximum plant height at 1st flowering stage was found in the MH 500 ppm with net bags at an ambient temperature. Maximum length of flower stalk was found in the MH 500 ppm with plastic carets at an ambient temperature. Maximum chlorophyll content in leaves, number of flower stalks/plant, number of flowers harvested per net plot and yield of flowers were found in MH 3000 ppm with plastic carets at an ambient temperature.

KEY WORDS : Field planting, Pre-harvest, MH sprays, Spider lily bulbs, Storage conditions

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