Bioved, **27**(2) : 433–439, 2016 http://biovedjournal.org/

Physiological disorders in tomato (*Lycopersicon esculentum*) crops — A review

Neerja Sharma, Ajay Kumar and Vijay Kumar

Received March 2, 2016 and Accepted May 8, 2016

ABSTRACT : Physiological disorders of Solanaceous vegetables crop of tomato (*Lycopersicon esculentum*) are abnormalities in fruit, morphology, colour, or both which are not caused by infectious diseases or insects. The fruit abnormalities occur as a result of environmental stress on the plant. Reported causes of physiological disorders include genetic, environmental factors, nutrition and cultural practices such as watering practices, training and pruning. Physiological disorders encountered in this study included blossom end rot (BER), catface, cracking, internal white tissue, Zebra Stripe irregular ripening, puffiness, pox and fleck, rain check, zippering and sun scald in tomato. Ways of alleviating physiological disorders are suggested.

Key Words : Physiological disorders, tomato fruit; post-harvest losses, alleviating disorders, climate change.