

Table of Contents

In Press

Article Archive

[HORTSCI \(45\) 2018](#)[HORTSCI \(44\) 2017](#)[HORTSCI \(43\) 2016](#)[HORTSCI \(42\) 2015](#)[HORTSCI \(41\) 2014](#)[HORTSCI \(40\) 2013](#)[HORTSCI \(39\) 2012](#)[HORTSCI \(38\) 2011](#)[HORTSCI \(37\) 2010](#)[HORTSCI \(36\) 2009](#)[Issue No. 1 \(1-43\)](#)[Issue No. 2 \(45-83\)](#)[Issue No. 3 \(85-125\)](#)[Issue No. 4 \(127-170\)](#)[HORTSCI \(35\) 2008](#)[HORTSCI \(34\) 2007](#)[HORTSCI \(33\) 2006](#)[HORTSCI \(32\) 2005](#)[HORTSCI \(31\) 2004](#)[HORTSCI \(30\) 2003](#)[HORTSCI \(29\) 2002](#)

Editorial Board

Ethical Standards

Reviewers 2017

For Authors

Author Declaration

Instruction for Authors

Submission Templates

Guide for Authors

Copyright Statement

Fees

Submission/Login

For Reviewers

Guide for Reviewers

Reviewers Login

Subscription

Studies on antioxidant constituents of some domesticated capsicums in the middle hill conditions of western Himalayas

V. Pandey, K.H. Pandey, D. Dayal, C.U. Joshi, T. Pant, Z. Ahmed

<https://doi.org/10.17221/18/2008-HORTSCI>

Citation: Pandey V., Pandey K.H., Dayal D., Joshi C.U., Pant T., Ahmed Z. (2009): Studies on antioxidant constituents of some domesticated capsicums in the middle hill conditions of western Himalayas. Hort. Sci. (Prague), 36: 26-30.

[download PDF](#)

The objective of this study was to determine some cultivars suitable for their antioxidant constituents, which can further be used in breeding programmes to breed superior varieties and F1 for higher quality attributes. Thirty cultivars of domesticated capsicums were grown and analyzed during 2006–2007; they showed significant variation in their ascorbic acid and capsaicinoids contents. On the basis of ascorbic acid, the rank order of cultivars was PBC-926 > Chilli Long Black > HC-201 > KT OV > Local D-2. On the basis of capsaicinoids content, five top cultivars were selected, namely DARL-210 > Naga Jalokia > Red Sabina > CO-6-1 > Chilli Long Black.

Keywords:

antioxidant; cultivar; ascorbic acid; capsaicinoids; HPLC

[download PDF](#)**Impact Factor (WoS)**2017: **0.5**5-Year Impact Factor: **0.8****SJR (SCImago Journal Rank)****SCOPUS):**2017: **0.318 – Q2 (Horticult**[f Share](#)**Similarity Check**

All the submitted manus checked by the [CrossRef Check](#).

New Issue AlertJoin the journal on [Facel](#)**Referred to in**[Agrindex of Agris/FAO da](#)[BIOSIS Previews](#)[CAB Abstracts](#)[CNKI](#)[Czech Agricultural and F](#)[Bibliography](#)[DOAJ \(Directory of Open](#)[Journals\)](#)[EBSCO – Academic Searc](#)[Ultimate](#)[EMBiology](#)[Google Scholar](#)[Horticulturae Abstracts](#)[ISI Web of KnowledgeSM](#)[J-GATE](#)[Plant Breeding Abstracts](#)[Science Citation Index Ex](#)[SCOPUS](#)[Web of Science®](#)**Licence terms**

All content is made freely for non-commercial purp users are allowed to copy redistribute the material, transform, and build upo material as long as they c source.

Open Access Policy

This journal provides inm open access to its conten principle that making res freely available to the pu supports a greater globa exchange of knowledge.

Contact

Ing. Eva Karská

Executive Editor

phone: + 420 227 010 606

e-mail: hortscai@cazv.cz**Address**

Horticultural Science

Czech Academy of Agric

Sciences

Slezská 7, 120 00 Praha 2,

Republic