

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](#)[HORTSCI \(35\) 2008](#)[HORTSCI \(34\) 2007](#)[HORTSCI \(33\) 2006](#)[HORTSCI \(32\) 2005](#)[HORTSCI \(31\) 2004](#)[HORTSCI \(30\) 2003](#)[Issue No. 1 \(1-42\)](#)[Issue No. 2 \(43-79\)](#)[Issue No. 3 \(81-122\)](#)[Issue No. 4 \(123-158\)](#)[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

Effect of bentonite clarification on concentration of anthocyanins and colour intensity of red and rosé wines

J. Balík

<https://doi.org/10.17221/3875-HORTSCI>

Citation: Balík J. (2003): Effect of bentonite clarification on concentration of anthocyanins and colour intensity of red and rosé wines. Hort. Sci. (Prague), 30: 135-141.

[download PDF](#)

The objective was to follow losses of the concentration of total anthocyanin pigments in red and rosé wines clarified with various doses of two commercial types of bentonite and to perform a sensory and analytical evaluation of differences in colour intensity of clarified and non-clarified wines. The loss of anthocyanins increased with the increasing doses of bentonite but statistically significant differences existed only between doses of 0.5 and 1.5 g/l. Not the type of bentonite but its dose showed an important effect on the extent of changes in colour intensity of wine. A sensory evaluation of colour intensity showed that in rosé and red wines doses of 0.5 g/l and 1.5 g/l, respectively, reduced significantly the intensity of wine colour as compared with non-clarified samples.

Keywords:

wine; clarification; bentonite; total anthocyanins; colour intensity

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

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

New Issue Alert

Join 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 purposes. Users are allowed to copy, redistribute, transform, and build upon material as long as they cite the source.

Open Access Policy

This journal provides in principle that making research freely available to the public supports a greater global 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 Agricultural Sciences

Slezská 7, 120 00 Praha 2,

Republic