



národní
úložiště
šedé
literatury

Výzkumné dokumenty v Chmelařském institutu s.r.o. Žatec, zpřístupňování plných textů a dat z výzkumu

Patzak, Josef
2013

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Datum stažení: 02.05.2024

Další dokumenty můžete najít prostřednictvím vyhledávacího rozhraní nusl.cz .



NU
SL

Research documents in Hop Research Institute Co.Ltd. Zatec, access to full texts and research data.



Introduction – company background

Seat: Kadanska 2525, Zatec 43846

CZ14864347, Tel:+420415732111, Fax:+420415732150

Website: www.chizatec.cz

Established: 1992 (1974, 1950, 1925)

Status: private, scientific organization

Owner: Hop growers union of the Czech Republic

Departments: Genetics and Breeding

Chemistry

Biotechnology

Plant Protection

Hop Cultivation

Employee: 54 persons (7 researchers, 10 technicians)

+ seasonal workers

Commercial fields: Steknik farm, 138 ha

Pilot microbrewery: 50 l



Introduction – company activities and financing

Main activities:

- Research and development on hop growing, harvest and processing of hops
- Hop breeding of new cultivars and maintenance of breeding materials
- Multipropagation of hop rootstocks of Czech hop cultivars
- Ecological production and environmental safe management of hop plant protection and hop quality
- Consulting and training activities for hop growers and special public
- Hop production

GACR

TACR

GA ASCR

Ministry of Agriculture

Ministry of Industry and
Trade

Ministry of Education,
Youth and Sports

European Commission
breweries

Research support:



Research documents

Defined types of research results (Methodology of research results evaluation)

I. Category – published results

Code	Type	CHI
J_{imp}	Scientific article in journal with IF	16
$J_{SC, neimp}$	Scientific article in non-IF journal	2
J_{rec}	Scientific article in reviewed Czech journal	13
B	Specialized book	
C	Chapter in specialized book	1
D	Article in proceedings	7

Research documents

Defined types of research results (Methodology of research results evaluation)

I. Category – published results

Journal of Plant Physiology 170 (2013) 688–695

Matoušek et al. *BMC Plant Biology* 2012, 12:27
<http://www.biomedcentral.com/1471-2229/12/27>

Contents lists available at SciVerse ScienceDirect

 **ELSEVIER**

Journal of Plant Physiology

RESEARCH ARTICLE **Open Access**

902 *J. Agric. Food Chem.* 2010, 58, 902–912
DOI:10.1021/jf9043106

JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY
ARTICLE

and
, bHLH and

BIOLOGIA PLANTARUM **BrewingScience** July / August 2012 (Vol. 65) 96

BRIEF COMMUNICATION

J. Patzak, A. Henychova, K. Krofta and V. Nesvadba

Development and evaluation of expressed sequence tag- α microsatellite markers for hop genotyping

Study of Molecular Markers for Xanthohumol

296 KVASNY PRUM. 57 / 2011 (7–8) *Zjišťování autenticity českých odrůd chmele pomocí chemických a molekulárně-genetických analýz*

Zjišťování autenticity českých odrůd chmele pomocí chemických a molekulárně-genetických analýz

Investigation of Czech Hop Varieties Authenticity by Means of Chemical and Genetic Analyses

KAREL KROFTA, JOSEF PATZAK
Chmelařský institut s. r. o., Žatec, Kadaňská 2525, 438 46 Žatec / Hop Research Institute Co. Ltd., Saaz, Kadaňská 2525, 438 46 Žatec, Czech Republic
e-mail: k.krofta@telecom.cz

Czech J. Genet. Plant Breed., 48, 2012 (2): 98–99

New Varieties

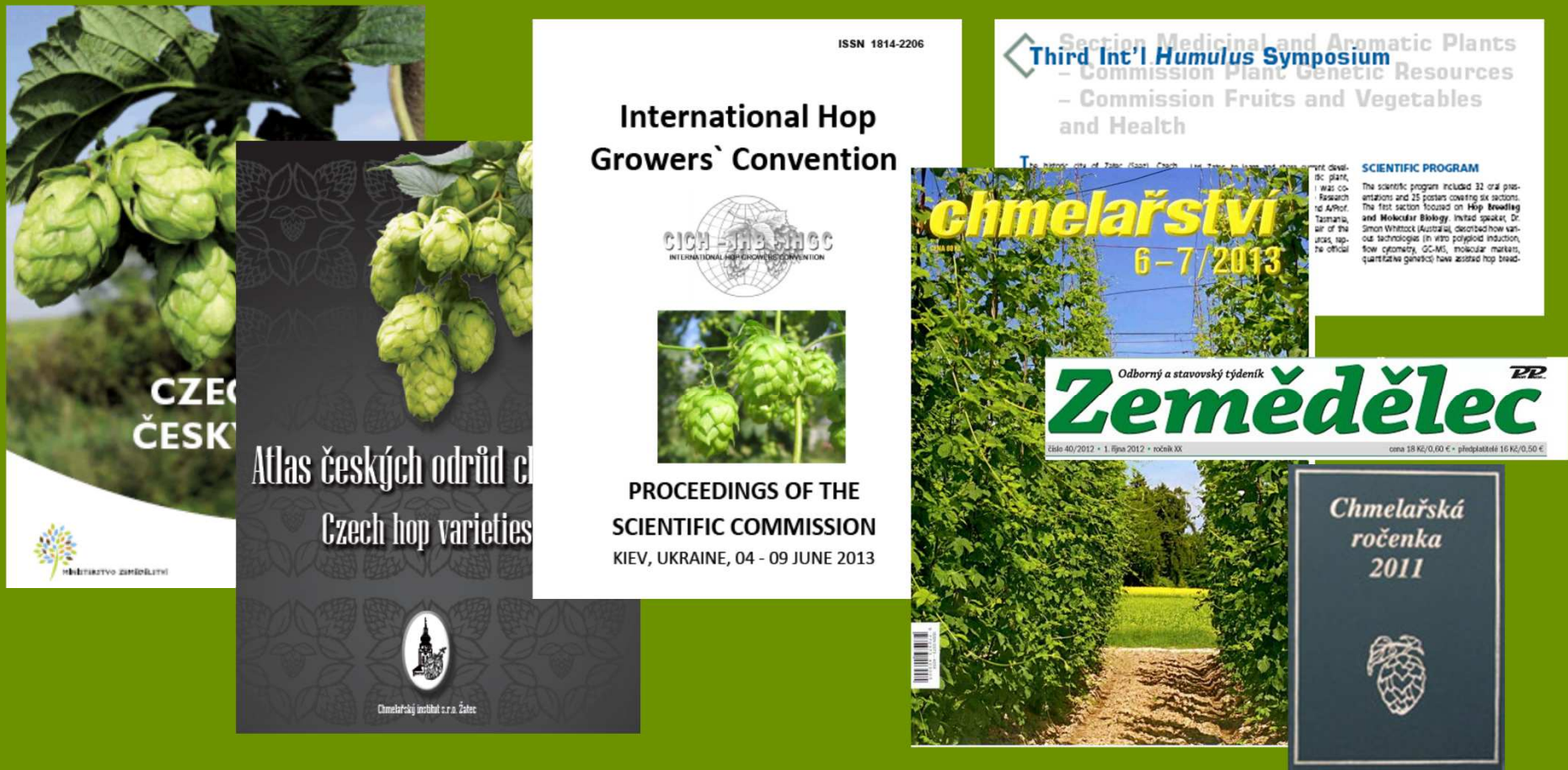
Hop Varieties Bohemie and Saaz Late

Registered: Czech Republic, 2010 and 2011

Research documents

Defined types of research results (Methodology of research results evaluation)

I. Category – published results **out of definition!!!**



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Research documents

Defined types of research results (Methodology of research results evaluation)

II. Category – patents


Code	Type	CHI
P	Patent	3



<http://www.upv.cz/cs/sluzby-uradu/database-on-line/database-patentu-a-uzitnych-vzoru/narodni-databaze.html>

PATENTOVÝ SPIS

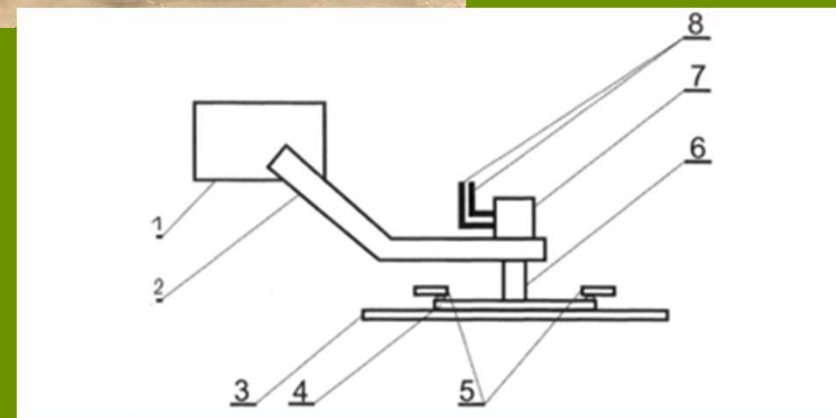
(19) ČESKÁ REPUBLIKA



ÚŘAD PRŮMYŠLOVÉHO VLASTNICTVÍ

(21) Číslo přihlášky: **2011-216**
 (22) Přihlášeno: **14.04.2011**
 (40) Zveřejněno: **29.02.2012**
 (Věstník č. 9/2012)
 (47) Uzávěřeno: **18.01.2012**
 (24) Uzávěření o udělení ve Věstníku: **29.02.2012**
 (Věstník č. 9/2012)

(11) Číslo dokumentu: **303 017**
 (13) Druh dokumentu: **B6**
 (51) Int. Cl.: **C12C 3/08** (2006.01)
C12C 3/10 (2006.01)



Research documents

Defined types of research results (Methodology of research results evaluation)

III. Category – applied results

Code	Type	CHI
Z _{polop}	Pilot plant	
Z _{tech}	Certified technology	
Z _{odru}	Cultivar	2
Z _{plem}	Race	



Saaz Late



<http://nou.ukzuz.cz/ido/>

**CHARAKTER CHMELOVÉHO AROMA
CHARACTER OF HOP AROMA**

Původ / Origin
Odrůda Saaz Late byla získána výběrem z potomstva F1 generace po náhodné křížbě mezi nepropracovaného šlechtitelského materiálu, který má v původu žatecký poleonový červeňák.

Selection from progenies of F1 generation after parental combination of developed breeding material with origin in Saaz.

Registrace / Registration:
2010

Research documents

Defined types of research results (Methodology of research results evaluation)

III. Category – applied results

Code	Type	CHI
F _{uzit}	Utility model	6
F _{prum}	Industrial design	3
G _{prot}	Prototype	1
G _{funk}	Functional sample	15
H _{leg}	Result reflected into legal standards and legislation	1

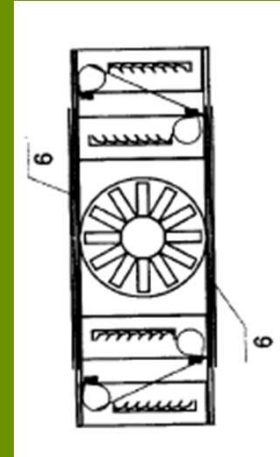
Research documents

<http://www.upv.cz/cs/sluzby-uradu/databaze-on-line/databaze-patentu-a-uzitnych-vzoru/narodni-databaze.html>

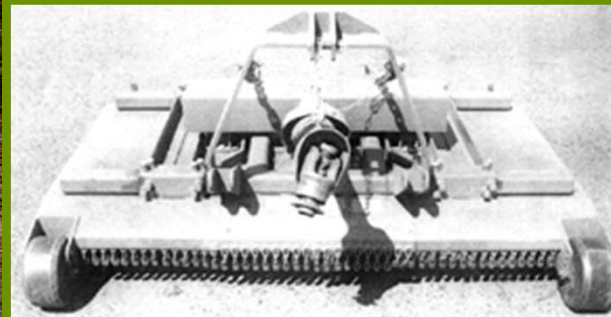
UŽITNÝ VZOR

(19) ČESKÁ REPUBLIKA	(21) Číslo přihlášky: 2013 - 28063 (22) Přihlášeno: 12.06.2013 (47) Zapsáno: 18.07.2013	(11) Číslo dokumentu: 25678 (13) Druh dokumentu: U1 (51) Int. Cl.: C12Q 1/68 (2006.01) C12N 15/11 (2006.01)
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pro detekci polymorfismu alel genu CMPS jsou
Primer F: 5'-AAAGCGAAAACATGAAAAGGTT-3'
Primer R: 5'-GACACATGTAAGGTGACCTTTACA-3',
pro detekci polymorfismu alel genu LAR jsou
Primer F: 5'-CCAAGAGTTACCATTACTGAAGAT-3'
Primer R: 5'-GAATGATGCCACTATACTTTCTGG-3',




<http://www.upv.cz/cs/sluzby-uradu/databaze-on-line/databaze-prumyslovych-vzoru/narodni-databaze.html>



Research documents

Defined types of research results (Methodology of research results evaluation)

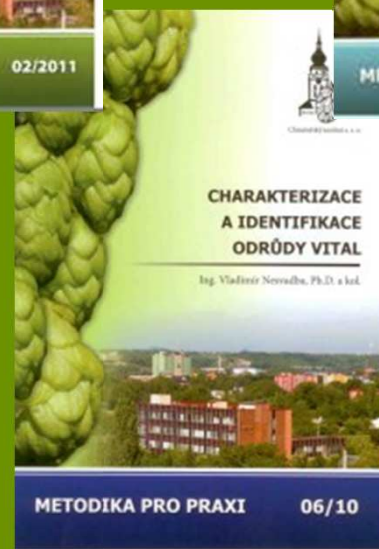
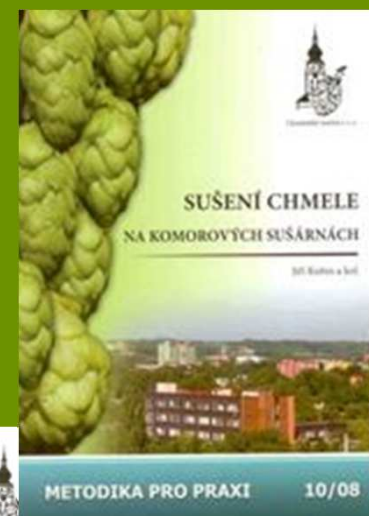
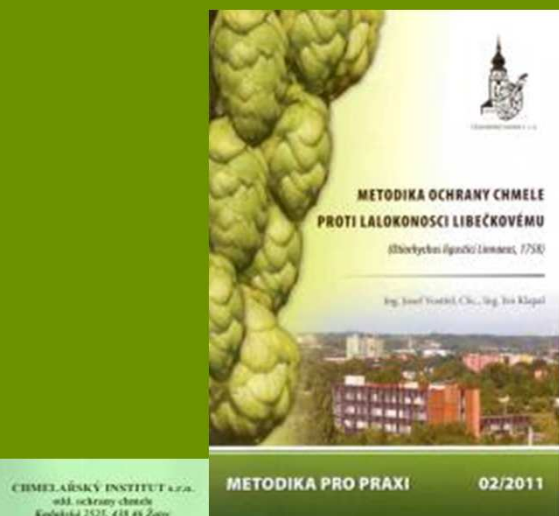
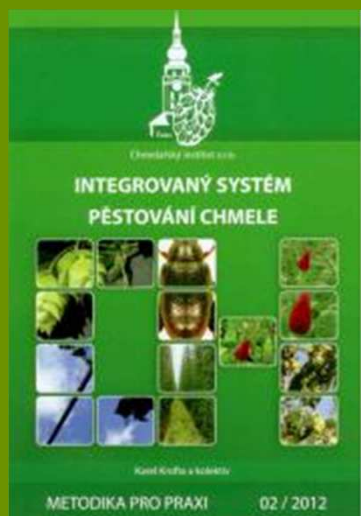
III. Category – applied results

Code	Type	CHI
N_{met}	Certified methodology	17
N_{lec}	Medical procedure	
N_{pam}	Historic sight technique	
N_{map}	Specialized map	
R	Software	

Research documents

<http://www.chizatec.cz/>

<http://invenio.nusl.cz/>



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Research documents

Defined types of research results (Methodology of research results evaluation)

III. Category – applied results

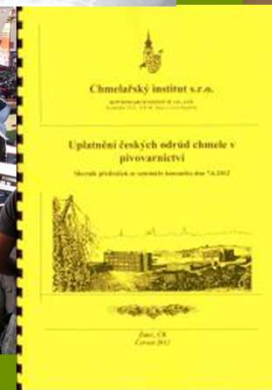
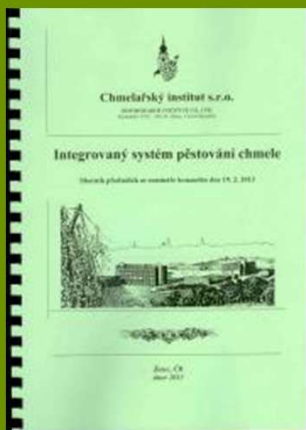
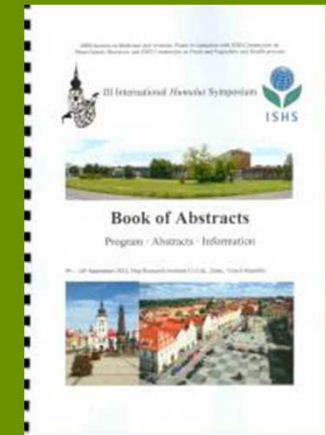
Code	Type	CHI
V	Research report	
A	Audio-visual production	
E	Exhibition	
M	Conference	5
W	Workshop	4
O	Other results	126

Research documents

<http://www.chizatec.cz/>



<http://invenio.nusl.cz/>



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Research and company documents

possible for full access are colorized (<http://invenio.nusl.cz/>)

Type	Access	Where
Project research report	Limited	Ministries and grant agencies Company library
Company research report	Limited	Company management
Travel report	Limited	Company management Company library
Meeting report	Not-access	Company management
Financial report	Limited	Financial office and trade register Company management
Presentation and poster	Limited	Author
Raw research data	Not-access	Author



Thank
you



Pilzeňský Prazdroj, a.s.
Součást našeho života

for your
attention



JDEME NA PIVO



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