المعهد الوطني للبحث الزراعي
Institut National de la Recherche Agronomique

Bulletin des Sommaires

FEVRIER 2013

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Avis aux Lecteurs

Le présent bulletin des sommaires concerne le sommaire des périodiques reçus au Service de Documentation de l'INRA.

La consultation du sommaire des périodiques est rendue facile grâce à la liste alphabétique des titres des périodiques ci-jointe. Cette liste renvoie aux pages des sommaires dans ce bulletin, ainsi les articles qui vous intéressent peuvent être commandés auprès du Service en respectant de mentionner les données suivantes :

Le titre du périodique ;
Le volume et le numéro du périodique ;
La cote de rangement du périodique ;
Le titre de l'article et la page où est située l'article ;
Le numéro du bulletin des sommaires
Ex : bulletin des sommaires du mois de .....)

Sommaire des Périodiques

Titre du Périodique	Volume	Numéro	Année	Cote	Page
Agronomy Journal	104	4	2012	404	1-2
	104	5	2012	404	3-4
Food Technology	66	1	2012	439	5-6
	66	2	2012	439	7-8
	66	3	2012	439	9-10
Fourrages		211	2012	321	11
Hortscience	47	1	2012	932	12-13
Industries des Céréales		179	2012	1141	14
Journal of Essential Oil Research	24	1	2012	1053	15
	24	2	2012	1053	16
	24	3	2012	1053	17
	24	4	2012	1053	18
	24	5	2012	1053	19
Journal of Irrigation and Drainage Engineering	138	1	2012	1077	20-21
	138	2	2012	1077	22
	138	3	2012	1077	23
	138	4	2012	1077	24-25
	138	5	2012	1077	26-27
	138	6	2012	1077	28

Titre du Périodique	Volume	Numéro	Année	Cote	Page
Journal of Irrigation and Drainage Engineering	138	7	2012	1077	29-30
	138	8	2012	1077	31-32
Journal of Natural Products	75	9	2012	1037	33-36
Molecular Plant -Microbe Interactions	25	10	2012	1086	37
Plant Biotechnology Journal	10	8	2012	1341	38
Plant Species Biology	27	3	2012	1339	39
Productions Animales	25	3	2012	1163	40
Sécheresse	23	3	2012	1234	41-43
Soil Science Society of America Journal	76	3	2012	149	44-45
	76	4	2012	149	46-47
	76	5	2012	149	48-49

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Bulletin des sommaires du mois de Fevrier 2013

Titre de la Revue	Volume & Numéro	Cote de rangement	Titre de l'article	Page

Date : **Signature :**

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Table of Contents

Cover: Corn (*Zea mays* L.) and soybean [*Glycine max* (L.) Merr.] crops are shown at the end of the growing season in a corn–soybean rotation study evaluating no-till and strip-till tillage systems with broadcast and subsurface-band phosphorus and potassium placement. Two articles from the same study (one on soybean, one on corn) are published in this issue. See the articles: "No-Till and Strip-Till Corn Production with Broadcast and Subsurface-Band Phosphorus and Potassium," by F.G. Fernández and C. White, pages 996–1005; and "Soybean Seed Composition, Aboveground Growth, and Nutrient Accumulation with Phosphorus and Potassium Fertilization in No-Till and Strip-Till," by B.S. Farmaha, F.G. Fernández, and E.D. Nafziger, pages 1006–1015. Photo credit: Fabián G. Fernández.

Organic Agriculture & Agroecology

Soil Fertility & Crop Nutrition

Soil Tillage, Conservation & Management

Urban Agriculture

Notes & Unique Phenomena

Other Items

Table of Contents

Cover: Ground cover rice production system with transparent polyethylene plastic film. See "Ground Cover Rice Production System Increases Yield and Nitrogen Recovery Efficiency," by H. Qu et al., page 1399–1407. Photo credit: Dr. S. Lin.

Soil Fertility & Crop Nutrition

Soil Tillage, Conservation & Management

Other Items

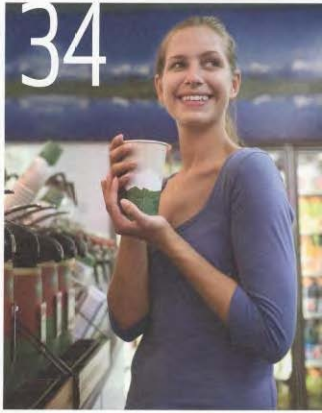
01
12

contents

Advancing Food & Health Through Sound Science

FEATURES

See the Wellness 12 insert after page 16 for program and registration information.

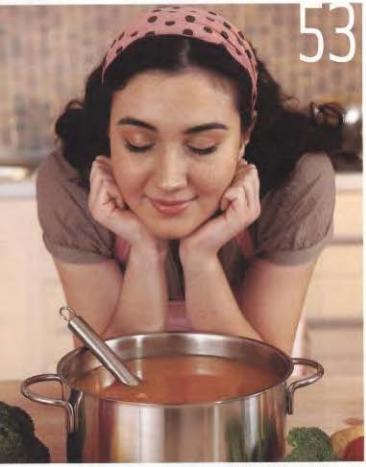


01
12

contents

Advancing Food & Health Through Sound Science

COLUMNS



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02 12 contents

Advancing Food & Health Through Sound Science

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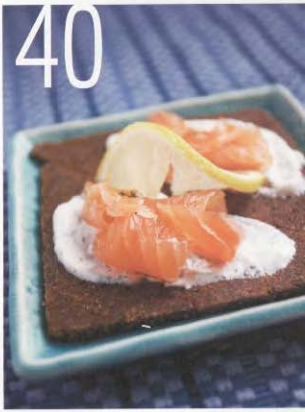

02/12 contents

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COLUMNS

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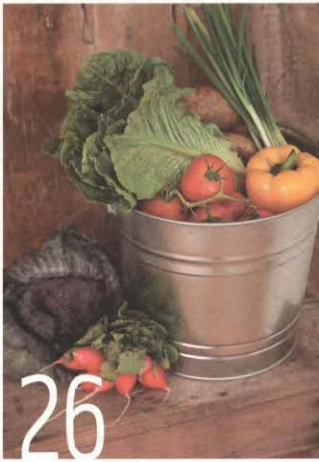
03/12 contents

Advancing Food & Health Through Sound Science



FEATURES

34

03
12

contents

Advancing Food & Health Through Sound Science

COLUMNS

DEPARTMENTS

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fourrages

N°211

Septembre 2012

Prairies permanentes : de nouveaux atouts pour demain

(1ère partie*)

* Interventions présentées les 3-4 avril 2012 aux Journées Professionnelles de l'A.F.F.F., coordonnées par P. Carrère, S. Plantureux et E. Pottier. Le n°213 de la revue sera également consacré à ces Journées.

HortScience

Volume 47, Number 1 **CONTENTS** **January 2012**

ON THE COVER

UMH 1203 is the second release of the fresh-market tomato breeding program at Miguel Hernández University, Spain. The yields of this open-pollinated cultivar are similar to the original 'De la Pera' cultivar, a Spanish landrace, but the breeding line UMH 1203 possesses genetic resistance to viruses ToMV, TSWV, and TYLCV that has been introgressed through backcrossing. For more information, see the article by García-Martínez et al. on p. 124.

édito

Sur un air de Rossini*

Comme chaque année, la rédaction d'*Industries des Céréales* participe avec plaisir aux Journées Techniques des Industries Céréalières. À l'occasion des 63e JTIC, les 17 et 18 octobre, elle se propose de vous rencontrer :

- au stand d'*Industries des Céréales* et de son éditeur NATCOM / AGP COM pour échanger sur le contenu rédactionnel de cette revue technique francophone et de son site :

www.industriesdescereales.com

Le moteur de recherche bibliographique de ce site remonte au premier numéro du *Bulletin des anciens élèves de l'École Française de Meunerie*, ce qui porte à 2630 le nombre d'articles référencés à l'aide de 2102 mots-clés, parus de 1926 à aujourd'hui dans 473 numéros : 294 du *Bulletin EFM* et 179 d'*Industries des Céréales*. Cela a été rendu possible grâce au soutien des entreprises mécènes du site que nous tenons à remercier ; comme le disait Henri NURET : « Ils nous font confiance, faites leur confiance » (Édito, *EFM*, **45**) ;

- à l'espace de la Session Posters tenue pour la 19e année consécutive, et organisée par la rédaction d'*Industries des Céréales*.

En vous souhaitant une très enrichissante lecture.

Jacques POTUS et France LAPLUME

* Le voyage à Reims (Édito, *IdC*, **164**)

sommaire

THE JOURNAL OF ESSENTIAL OIL RESEARCH
Volume 24 Number 1 February 2012

CONTENTS

THE JOURNAL OF ESSENTIAL OIL RESEARCH

Volume 24 Number 2 April 2012

Special Issue: Chemistry and Biology of *Citrus* Essential Oils

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CONTENTS

THE JOURNAL OF ESSENTIAL OIL RESEARCH
Volume 24 Number 3 June 2012

CONTENTS

ARTICLES

THE JOURNAL OF ESSENTIAL OIL RESEARCH

Volume 24 Number 4 August 2012

CONTENTS

ARTICLES

THE JOURNAL OF ESSENTIAL OIL RESEARCH

Volume 24 Number 5 October 2012

CONTENTS

ARTICLES

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VOLUME 138 / NUMBER 1 **JANUARY 2012**

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Engineering

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Case Studies

Technical Notes

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VOLUME 138 / NUMBER 4 **APRIL 2012**

Technical Papers

Technical Notes

Journal of
Irrigation and
Drainage
Engineering

VOLUME 138 / NUMBER 4
APRIL 2012

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VOLUME 138 / NUMBER 5 **MAY 2012**

Technical Papers

Technical Notes

Journal of
Irrigation and
Drainage
Engineering

VOLUME 138 / NUMBER 5
MAY 2012

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VOLUME 138 / NUMBER 6 **JUNE 2012**

Technical Papers

Technical Notes

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Journal of Irrigation and Drainage Engineering

VOLUME 138 / NUMBER 7 **JULY 2012**

Technical Papers

Case Studies

Technical Notes

Journal of
Irrigation and
Drainage
Engineering

VOLUME 138 / NUMBER 7
JULY 2012

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Journal of Irrigation and Drainage Engineering

VOLUME 138 / NUMBER 8 **AUGUST 2012**

Technical Papers

Technical Notes

Discussions and Closures

Journal of
Irrigation and
Drainage
Engineering

VOLUME 138 / NUMBER 8
AUGUST 2012

JOURNAL OF NATURAL PRODUCTS

SEPTEMBER 2012

VOLUME 75 ISSUE 9

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ISSN 0163-3864

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ON THE COVER: The Australian endemic genus *Eremophila* contains more than 200 species, some of which have been utilized by Australian Aborigines both to treat sickness and in ceremonial rituals. This genus has been found to produce a range of structurally unusual natural products, particularly within the terpenoid structure class (Ghisalberti, *Phytochemistry* **1994**, *35*, 7−33). Chemical investigations of *Eremophila mitchellii* resulted in the isolation of novel tetracyclic sesquiterpene lactones, mitchellenes A−C, and new sesquiterpene carboxylic acids, mitchellenes D and E (Barnes et al.,*J. Nat. Prod.* **2011**, *74*, 1888−1893). The chemical structures of these natural products were determined by 1D- and 2D-NMR and MS data analysis. The cover photograph depicts *E. mitchellii* overlaid with the structure of mitchellene A.

Full Articles

Notes

Reviews

Additions and Corrections

S Supporting Information available via online article

Molecular Plant-Microbe Interactions®

VOLUME 25, NUMBER 10 OCTOBER 2012

CURRENT REVIEW

RESEARCH

On the cover: Tomato yellow leaf curl disease (TYLCD) is caused by a complex of phylogenetically related begomovirus species that produce similar symptoms when they infect tomato plants but have different host ranges. The work evaluated the gene silencing suppression activity of C2, C4, and V2 viral proteins isolated from the four main TYLCD-causing strains in Spain. Variations in the degrees of local and systemic silencing suppression activity were tested for each viral protein using *Nicotiana benthamiana*. Besides, local silencing suppression activity of proteins from two of the species (TYLCV and TYLCSV) was evaluated in a shared (tomato) and nonshared (bean) host. The results showed that the three viral proteins are able to suppress silencing although differences in the level of post transcriptional gene silencing (PTGS) activity among different proteins, among the same protein from different viruses, and from the same protein in different hosts were noticed. Here, we show an example of the variation in PTGS systemic silencing generated by C4 from four TYLCD isolates: *Tomato yellow leaf curl Sardinia virus* (TYLCSV), *Tomato yellow leaf curl virus* (TYLCV), TYLCV-Mld, and *Tomato yellow leaf curl Malaga virus*. Leaves from 16c *N. benthamiana* plants were infiltrated with a mixture of two different *Agrobacterium tumefaciens* cultures expressing GFP and the viral protein C4 from four TYLCD isolates. Plants were photographed under UV light at 19 days postinfiltration. For the article by Luna et al., see page 1294.

Subscription price per year (2012): $822 U.S.A., $898 elsewhere (includes expedited delivery outside the U.S.A.). Canadian subscribers add 5% GST/HST to the elsewhere price (Canadian GST #R129888129). For complete information about online subscriptions and purchases of a single issue or a single article, go to http://apsjournals.apsnet.org/loi/mpmi. *MPMI* research is freely accessible 12 months after publication. APS retains full copyright to any article that is purchased or retrieved with or without payment and all copyright laws apply to any subsequent usage. **Payment information:** Send payments to APS Headquarters in the U.S.A. All prices shown are US$ and payments must be made in U.S. funds through a member bank of the U.S. Federal Reserve System. VISA, MasterCard, and American Express are also accepted. **Change of address:** Provide APS Office with current mailing label and forwarding address 6 weeks before change. **Personal subscriptions** are available to APS and IS-MPMI members at a discount. Order at any time by contacting Denise Kessler: dkessler@scisoc.org or by phone 1.800.481.2698 or +1.651.454.7250.

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Volume 27
Number 3
September 2012

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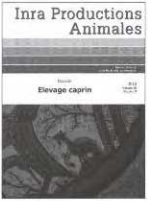
PLANT SPECIES BIOLOGY

Contents

ORIGINAL ARTICLES

NOTES AND COMMENTS



Dossier

Elevage caprin

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SOMMAIRE

2012 / Volume 25 / Numéro 3

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SECHERESSE

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Sommaire/*Contents*

Lutter contre la désertification : quelles évaluations ?

Fighting desertification: Assessments

Éditorial/*Editorial*

Articles introductifs/*Introductory Articles*

Articles de recherche/*Research Articles*

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Bulletin d'abonnement : 3e de couv.

Conseils aux auteurs : 2e de couverture

Le journal *Sécheresse* a reçu le concours des organismes suivants :
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- le ministère des Affaires étrangères (France)
- l'Observatoire du Sahara et du Sahel (Tunisie)
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- le Centre national de la recherche scientifique (CNRS – France)
- l'Institut national de la recherche scientifique (Inrs/Eau – Québec)
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SSSAJ

Soil Science Society of America Journal

May–June 2012 • Vol. 76 • No. 3

Editorial

Soil Science Issues

Soil Physics

Soil Physics Note

Soil Chemistry

Soil Biology & Biochemistry

Soil Fertility & Plant Nutrition

Pedology

Soil & Water Management & Conservation

Forest, Range & Wildland Soils

Nutrient Management & Soil & Plant Analysis

Soil Mineralogy

Wetland Soils

Other Items

SSSAJ

Soil Science Society of America Journal

July–August 2012 • Vol. 76 • No. 4

Forest, Range & Wildland Soils

Nutrient Management & Soil & Plant Analysis

Soil Mineralogy

Wetland Soils

Book Reviews

SSSAJ

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September–October 2012 • Vol. 76 • No. 5

Soil Physics

Soil Chemistry

Soil Biology & Biochemistry

Soil Fertility & Plant Nutrition

Pedology

Soil & Water Management & Conservation