

TABLAS DE CONTENIDO JUNIO 1 AL 15 DE 2012

ACTA AGRONOMICA Vol. 60(3). 2011

AGROCIENCIA 46(2). 2012

AGRONOMY JOURNAL Vol. 104(2). 2012

CIENCIA RURAL Vol.42(3). 2012

FITOSANIDAD Vol. 15(2). 2011

INNOVACION Y CIENCIA Vol. 19(1). 2012

PLANT CELL Vol. 24(1). 2012

PLANT PHYSIOLOGY Vol. 158(3). 2012

REVISTA COLOMBIANA DE ENTOMOLOGIA Vol. 37(1). 2012

TROPICAL PLANT PATHOLOGY Vol.36(6). 2011

ACTA AGRONOMICA Vol. 60(3). 2011

Rueda Saa Germán , Rodríguez Victoria Jenny Alexandra , Madriñán Molina Raúl. Metodologías para establecer valores de referencia de metales pesados en suelos agrícolas: Perspectivas para Colombia (Pag. 203-217)

Andrade Mahecha Margarita M , Morales Rodríguez Olga , Martínez Correa Hugo A. Estudio do processo de extração de papaína a partir do látex do fruto de mamão (Carica papaya L.) cv. Maradol (Pag. 218-224)

Serna Cock Liliana , Segura Rojas Diego Fernando , Ayala Aponte Alfredo. Effect of the immersion in 1-MCP on the physicochemical and physiological properties of yellow pitahaya fruit (Selenicereus megalanthus How) with minimum processing (Pag. 225-235)

Dussán Sarria Saúl , Serna Cock Liliana , Perengüez Cuarán Ángela María. Efecto de la aplicación de 1-Metilciclopropeno sobre algunas propiedades físico-químicas y organolépticas del fruto de la granadilla (Pag. 236-243)

Madero Morales Edgar , Peña Artunduaga María Elvira , Yadira Escobar Betsy , García Luis Fernando. Compactación potencial en dos suelos de la parte plana del Valle del Cauca. Parte II (Pag. 244-251)

Valdés Holguín Nidia Johana , González Salcedo Luis Octavio , L. E. Will Adrián. Estimación de la resistencia a la penetración de suelos usando redes neuronales artificiales (Pag. 252-262)

Mejía Umaña Diana Milena , Ángel Sánchez Diego Iván , Menjivar Flores Juan Carlos. Fracciones de fósforo en suelos del Valle del Cauca con diferentes sistemas de cultivo de café (Pag. 263-272)

Pardo-Locarno Luis Carlos , Ramírez Pava Bertha , Villota Harold , Villanueva Oscar , Bahamón Wilmar. Ensamblaje de escarabajos Melolonthidae (Coleoptera: Scarabaeoidea) asociados con pasturas en el departamento del Caquetá y su posible relación con la salubridad edáfica (Pag. 273-284)

Rincón Castillo Álvaro. Efecto del potasio sobre la producción y calidad de forraje de *Brachiaria decumbens* Stapf en el piedemonte de los Llanos Orientales de Colombia (Pag. 285-295)

INICIO

AGROCIENCIA 46(2). 2012

Francisco Rivera-Toral, Samuel Pérez-Nieto, L. Alicia Ibáñez-Castillo, F. Raúl Hernández-Saucedo. Aplicabilidad del modelo Swat para la estimación de la erosión hídrica en las cuencas de México (Pag. 101-105)

Sebastián Picco, M. Virginia Ponzinibio, et al. Efecto fisiológico y genotóxico de la deficiencia de cobre inducida por molibdeno en bovinos. (Pag. 107-117)

Lourdes Ledesma-Ramírez, Ernesto Solís-Moya, M. Pilar Suaste-Franco, J. Fermín Rodríguez-Caracheo, M. Lourdes de la Cruz-Gonzalez. Análisis gge biplot del rendimiento de trigo (*Triticum* spp.) con riego normal y restringido en el Bajío, México págs. 119-131

Francisco Palemón-Alberto, Noel O. Gómez-Montiel, et al. Estabilidad de cruizas intervarietales de maíz (*Zea mays* L.) Para la región semicálida de guerrero. (Pag. 133-145)

Juan M. Tovar-Pedraza, José A. Mora-Aguilera, Cristian Nava-Díaz, et al. Identificación, patogenicidad e histopatología de *Lasiodiplodia theobromae* en injertos de zapote mamey en Guerrero, México.(Pag.. 147-161)

Santiago F. Peredo-P., Claudia P. Barrera-S., Esperanza Parada-Z., Marcela Vega-C. Análisis temporal de la taxocenosis y biocenosis de la mesofauna edáfica en plantaciones de *Vaccinium* sp. con manejo orgánico en el centro-sur de Chile. (Pag. 163-173)

Aurelio Guevara-Escobar, Mónica Cervantes-Jiménez, Humberto Suzán-Azpiri, Enrique González-Sosa, Israel Saavedra. Producción de pasto rhodes en una plantación de eucalipto (Pag. 175-188)

Jose J. Arana-Coronado, Jos Bijman, Onno Omta, Alfons Oude-Lansink Coordinación entre empresas en la industria mexicana del aguacate (*Persea americana*): relación entre el emparador y comprador. (Pag. 189-203)

INICIO

AGRONOMY JOURNAL Vol. 104(2). 2012

Z. Berzsenyi and I. S. Tokatlidis. Density Dependence Rather Than Maturity Determines Hybrid Selection in Dryland Maize Production (Pag. 331-336)

E. A. Guertal and J. A. Howe. Nitrate, Ammonium, and Urea Leaching in Hybrid Bermudagrass as Affected by Nitrogen Source (Pag. 344-352)

Haiying Tao, Thomas F. Morris, Boris Bravo-Ureta, et al. Nutrient Applications Reported by Farmers Compared with Performance-Based Nutrient Management Plans (Pag. 437-447)

A. J. Sindelar, J. A. Lamb, C. C. Sheaffer, H. G. Jung and C. J. Rosen. Response of Corn Grain, Cellulosic Biomass, and Ethanol Yields to Nitrogen Fertilization (Pag. 363-370)

R. B. Mitchell and K. P. Vogel. Germination and Emergence Tests for Predicting Switchgrass Field Establishment (Pag. 458-465)

Joseph E. Knoll and William F. Anderson. Vegetative Propagation of Napiergrass and Energycane for Biomass Production in the Southeastern United States (Pag. 518-522)

Vincent Leblanc, Anne Vanasse, Gilles Bélanger and Philippe Seguin. Sweet Pearl Millet Yields and Nutritive Value as Influenced by Fertilization and Harvest Dates (Pag. 542-549)

P. D. Colaizzi, S. R. Evett, T. A. Howell, F. Li, W. P. Kustas and M. C. Anderson. Radiation Model for Row Crops: I. Geometric View Factors and Parameter Optimization (Pag. 225-240)

P. D. Colaizzi, R. C. Schwartz, S. R. Evett, T. A. Howell, P. H. Gowda and J. A. Tolc. Radiation Model for Row Crops: II. Model Evaluation (Pag. 241-255)

R. A. Lawes and R. G. V. Bramley. A Simple Method for the Analysis of On-Farm Strip Trials (Pag. 371-377)

John B. Solie, A. Dean Monroe, William R. Raun and Marvin L. Stone. Generalized Algorithm for Variable-Rate Nitrogen Application in Cereal Grains (Pag. 378-387)

Prem Woli, James W. Jones, Keith T. Ingram and Clyde W. Fraisse. Agricultural Reference Index for Drought (ARID) (Pag. 287-300)

Gabriel Maltais-Landry and David B. Lobell. Evaluating the Contribution of Weather to Maize and Wheat Yield Trends in 12 U.S. Counties (Pag. 301-311)

Ray L. Noah, James P. Muir, et al. Prairie Acacia, Panicked Tick-Clover, and Herbaceous Mimosa Herbage, Nitrogen and Seed Yields, Nutritive Value, and Regional Adaptation (Pag. 265-270)

INICIO

Keaton Krueger, A. Susana Goggi, Russell E. Mullen and Antonio P. Mallarino. Phosphorus and Potassium Fertilization Do Not Affect Soybean Storability (Pag. 405-414)

W. John Bullied, Rene C. Van Acker and Paul R. Bullock. Hydrothermal Modeling of Seedling Emergence Timing across Topography and Soil Depth (Pag. 423-436)

Yared Assefa, Kraig L. Roozeboom, Scott A. Staggenborg and Juan Du. Dryland and Irrigated Corn Yield with Climate, Management, and Hybrid Changes from 1939 through 2009 (Pag. 473-482)

Chengci Chen, Karnes Neill, Macdonald Burgess and Anton Bekkerman. Agronomic Benefit and Economic Potential of Introducing Fall-Seeded Pea and Lentil into Conventional Wheat-Based Crop Rotations (Pag. 215-224)

C. B. Godsey, J. Linneman, D. Bellmer and R. Huhnke. Developing Row Spacing and Planting Density Recommendations for Rainfed Sweet Sorghum Production in the Southern Plains (Pag. 280-286)

W. K. Coblenz, M. G. Bertram, N. P. Martin and P. Berzaghi. Planting Date Effects on the Nutritive Value of Fall-Grown Oat Cultivars (Pag. 312-323)

Joshua A. Bushong, Andrew P. Griffith, Thomas F. Peeper and Francis M. Epplin. Continuous Winter Wheat Versus a Winter Canola–Winter Wheat Rotation (Pag. 324-330)

Christina L. Newman, A. Ozzie Abaye, William M. Clapham, Benjamin F. Tracy, William S. Swecker and Rory O. Maguire. Risk Management in Forage Production of Cow–Calf Systems of Appalachia (Pag. 337-343)

Heathcliffe Riday and Kenneth A. Albrecht. Combining Kura Clover with Forage Legumes and Grasses to Optimize Pasture Forage Legume Content (Pag. 353-362)

Vern S. Baron, Arvid Aasen, et al. Swath-Grazing Potential for Small-Grain Species with a Delayed Planting Date (Pag. 393-404)

Filippo Rimi, Stefano Macolino, Bernd Leinauer, Leonard M. Lauriault and U. Ziliotto. Fall Dormancy and Harvest Stage Effects on Alfalfa Nutritive Value in a Subtropical Climate (Pag. 415-422)

M. Seither, N. Wrage and J. Isselstein. Sward Composition and Grazer Species Effects on Nutritive Value and Herbage Accumulation (Pag. 497-506)

John M. Jemison, Heather M. Darby and S. Chris Reberg-Horton. Winter Grain–Short Season Corn Double Crop Forage Production for New England (Pag. 256-264)

Beatriz Ruiz-Díez, Susana Fajardo and Mercedes Fernández-Pascual. Selection of Rhizobia from Agronomic Legumes Grown in Semiarid Soils to be Employed as Bioinoculants (Pag. 550-559)

Yvonne E. Lawley, John R. Teasdale and Ray R. Weil. The Mechanism for Weed Suppression by a Forage Radish Cover Crop (Pag. 205-214)

Ryan T. Bates, Robert S. Gallagher, William S. Curran and Jayson K. Harper. Integrating Mechanical and Reduced Chemical Weed Control in Conservation Tillage Corn (Pag. 507-517)

M. Kaleem Abbasi, Majid Mahmood Tahir, Andlib Sadiq, Mussawar Iqbal and Mohsin Zafar. Yield and Nitrogen Use Efficiency of Rainfed Maize Response to Splitting and Nitrogen Rates in Kashmir, Pakistan (Pag. 448-457)

K. A. Dillon, T. W. Walker, D. L. Harrell, et al. Nitrogen Sources and Timing Effects on Nitrogen Loss and Uptake in Delayed Flood Rice (Pag. 466-472)

Bernard Gagnon, Noura Ziadi, Martin H. Chantigny, Gilles Bélanger and Daniel I. Massé. Biosolids from Treated Swine Manure and Papermill Residues Affect Corn Fertilizer Value (Pag. 483-492)

Richard W. Zobel. Inherent Agricultural Constraints in Allegheny Plateau Soils (Pag. 493-496)

Shanchao Yue, Qingfeng Meng, Rongfang Zhao, Fei Li, Xiping Chen, Fusuo Zhang and Zhenling Cui. Critical Nitrogen Dilution Curve for Optimizing Nitrogen Management of Winter Wheat Production in the North China Plain (Pag. 523-529)
Jonathan Aguilar, Robert Evans, Merle Vigil and Craig S. T. Daughtry. Spectral Estimates of Crop Residue Cover and Density for Standing and Flat Wheat Stubble (Pag. 271-279)

Dustin K. Toliver, James A. Larson, Roland K. Roberts, Burton C. English, Daniel G. De La Torre Ugarte and Tristram O. West. Effects of No-Till on Yields as Influenced by Crop and Environmental Factors (Pag. 530-541)

D. C. Gitz, Z. Xin, J. T. Baker, R. J. Lascano and J. J. Burke. The Effect of Solar Loading on Soil Temperatures and Developmental Variation in Greenhouse Studies (Pag. 388-392)

INICIO

CIENCIA RURAL Vol.42(3). 2012

Moscardi, Flávio; Bueno, Adeney de Freitas; Bueno, Regiane Cristina Oliveira de Freitas; Garcia, Antônio. Soybean response to different injury levels at early developmental stages (Pag. 389-394)

Peluzio, Joênes Mucci; Pires, Luiz Paulo Miranda; et al. Genetic divergence among soybean cultivars in irrigated lowland in the State of Tocantins (Pag. 395-400)

Balbinot Junior, Alvadi Antonio; et al. Soil attributes and common bean yield after five years of different winter soil uses (Pag. 401-406)

Cargnelutti Filho, Alberto; Matzenauer, Ronaldo; Radin, Bernadete; Maluf, Jaime Ricardo Tavares. Number of years to estimate the ten-day average of daily sunshine duration in Rio Grande do Sul State, Brazil (Pag. 407-413)

Azevedo, Camila Ferreira; Silva, Fabyano Fonseca e; Ribeiro, Natália Barbosa; et al. Multivariate classification of the progress curves of tomato late blight among accessions from the UFV germoplasma vegetable bank (414-417)

Silva, Kelly Nascimento; Pio, Rafael; Tadeu, Maraisa Hellen; et al. Seedling production of black raspberry by different methods of vegetative propagation (Pag. 418-422)

Tiberti, Andrei Spaziani; Pio, Rafael; Assis, Cynthia Natally de; et al. 'Boysenberry' propagation by cutting and layering (Pag. 423-428)

Laviola, Bruno Galvêas; Alves, Alexandre Alonso; Gurgel, Fábio de Lima; et al. Estimates of genetic parameters for physic nut traits based in the germplasm two years evaluation (Pag. 429-435)

Erol, Seçil Yurdakul. Differences between urban and rural population with respect to demand on forestry aspects, in a case study of the Turkish province of Bal kesir (Pag. 436-443)

Veiga, Milton da; Durigon, Leandro; Pandolfo, Carla Maria; Balbinot Junior, Alvadi Antonio. Soil and crop attributes affected by winter pasture management in integrated crop-livestock system (Pag. 444-450)

Pedron, Fabrício de Araújo; Azevedo, Antonio Carlos de; Dalmolin, Ricardo Simão Diniz. Mineral weathering in Neossolos in a climo-litosequence on the Rio Grande do Sul Plateau, Brazil (Pag. 451-458)

Özden, Sezgin; Birben, Üstüner. Ottoman forestry: socio-economic aspect and its influence today (Pag. 459-466)

Beleti, Marcos Antônio; Duarte, Felipe; Georg-Kraemer, Janaína Endres. Temperature on the development activity of (1-3, 1-4)- β -glucanases enzyme and degradation of β -glucanos during malting (Pag. 467-473)

Rodrigues, Marcio Nogueira; Oliviera, Gleidson Benevides de; Silva, Roberto Sávio Bessa da; et al. Morphology and topography of the liver and pancreas of Rhea Americana (Pag. 474-479)

Silva Júnior, Jessé Marques da; Castro, Evaristo Mauro de; Rodrigues, Marcelo; Pasqual, Moacir; Bertolucci, Suzan Kelly Vilela. Anatomical variations of Laelia purpurata var. cárnea in vitro cultured under different intensities and spectral quality of light (Pag. 480-486)

Moro, Larissa Bernardino; Polanczyk, Ricardo Antônio; Carvalho, José Romário de; Pratisoli, Dirceu; Franco, Cláudio Roberto. Biological parameters and life table of Tetranychus urticae (Acari: Tetranychidae) at papaya cultivars (Pag. 487-493)

Palumbo, Mariana Isa Poci; Resende, Luiz Antonio de Lima; Machado, Luiz Henrique de Araújo; Borges, Alexandre Secorun. Auditory evoked potential to diagnose of bilateral deafness in two dogs (Pag. 494-497)

INICIO

Silva, Rodrigo Otávio Silveira; Moreira, Felipe Moraghi; et al. First confirmed case of Clostridium difficile-associated diarrhea in foals in Brazil (Pag. 498-500)

Queiroz, Fábio Ferreira de; Cordeiro, Guilherme Chagas; Rodrigues, Ana Bárbara Freitas; Silveira, Leonardo Serafim da. Biomechanical test of bovine tunica albuginea preserved in 98% glycerin for use as a biological membrane (Pag. 501-506)

Silva, Amanda Camilo; Silva, Camila Elana Santana e; Peluso, Emília Miranda; Tudury, Eduardo Alberto. Sterilization in queens by partial salpingectomy (including pregnant) versus ovariohysterectomy (Pag. 507-513)

Nogueira, Mariana Gomes; Calveyra, Juliana Cafruni; et al. Effect of probiotic on the Salmonella infection and fecal excretion in pigs (Pag. 514-519)

Araújo, Ronyere Olegário de; Marcondes, Cintia Righetti; et al. Classical nonlinear models to describe the growth curve for Murrah buffalo breed (Pag. 520-525)

Ribeiro, Ticiany Maria Dias; Costa, Ciniro; et al. Carcasses and non carcasses components of lambs on Italian ryegrass receiving concentrate supplementation (Pag. 526-531)

Ludtke, Charli Beatriz; Dalla Costa, Osmar Antonio; et al. Animal welfare at pre-slaughter handling and the influence on pork meat quality and on stress physiological parameters (Pag. 532-537)

Haese, Douglas; Kill, João Luís; et al. Digestible lysine requirements for male broilers keeping methionine + cystine and threonine ratios in the ideal protein (Pag. 538-544)

Silva, Danielle Cristina Guimarães da; Abreu, Luiz Ronaldo de; Assumpção, Giovana Maria Pereira. Addition of water-soluble soy extract and probiotic culture, viscosity, water retention capacity and syneresis characteristics of goat milk yogurt (Pag. 545-550)

Valente, Maria Emília Rodrigues; Perez, Ronaldo; Ramos, Afonso Mota; Chaves, José Benício Paes. Geographical indication of food and beverages in Brazil and European Union (Pag. 551-558)

Mohr, Susana; Costabeber, Ijoni Hilda. Toxicological aspects and occurrence of polychlorinated biphenyls in food (Pag. 559-566)

Vieira, Juliana Paulino; Silva, Teofilo José Pimentel da; et al. Characterization of rigor mortis process of muscle Ilio-ischiocaudalis of pantanal alligator (*Caiman crocodilus yacare*) and meat tenderness (Pag. 567-572)

Souza, Ângela Rozane Leal de; Révillion, Jean Philippe Palma. New positioning strategies for fidelization of child consumers of processed food (Pag. 573-580)

FITOSANIDAD Vol. 15(2). 2011

Josefina Cao López y Juan L. Leal Hechavarría. Ácaros tuckerélidos (Acari, Tetranychidae, Tuckerellidae) asociados a *Casuarina equisetifolia* L. en La Habana (Pag. 69-72)

Yaquelín Labrada Hernández, Héctor Luis Sariol Bring, Blanca Margarita Nieves Torres, José L. García Bretones y Pedro E. de la Torre Santana. Catálogo de ácaros interceptados en la provincia de Granma (Pag. 73-86)

Heriberto Domínguez Salazar, Mérida L. Rodríguez Regal, Alberto N. González Marrero, Damián Fernández Cabreja e Irene Pérez Ortiz. Incidencia del carbón *Sporisorium scitamineum* (Syd.) M. Piepenbr., M. Stoll and Oberw. en variedades de caña de azúcar (*Saccharum officinarum* L.) en la provincia de Las Tunas (Pag. 87-90)

Mónica Obregón Barrios, Paola Andrea Rodríguez Gaviria y Mauricio Salazar Yepes. Supervivencia de *Ralstonia solanacearum* en suelo y tejido de plantas de banano en Urabá, Colombia (Pag. 91-98)

Rigel Fernández Valle, Marlene M. Veitía Rubio y Yoandry Rodríguez Rivero. Compatibilidad entre nuevos plaguicidas químicos sistémicos y el hongo micorrizógeno *Glomus intraradices* Schenk y Smith (Pag. 99-106)

Luis Pérez Vicente, Jorge Abreu Fundora, Michel Pérez Miranda, Einar Martínez de la Parte y María Pueyo Figueroa. Eficacia del benomyl y el fludioxonil para el

control de *Verticillium albo-atrum* Reinke & Berthold y *V. dahliae* Klebahn en semillas de vegetales (Pag. 107-116)

Arturo Reyes Ramírez, Esaú Ruiz Sánchez, Carmen Yam Chimal y Mirza Dzul Chan. Selección de *Bacillus* spp. con actividad antagónica in vitro contra *Macrophomina phaseolina* (Tassi) Goid. en diferentes medios de cultivo (Pag. 117-122)

Jorge R. Palacios Atencio, Carlos R. Romeu Carballo, Rebeca Ramírez Ochoa, Vivian Leliebre Lara y Jorge L. Ortiz Medina. Actividad antifúngica in vitro de extractos de *Navisporus floccosus* y *Ganoderma* sp. contra hongos fitopatógenos (Pag. 123-128)

INICIO

INNOVACION Y CIENCIA Vol. 19(1). 2012

Loaiza, Myriam. Identificación de microorganismos en cuero y pergamino recursos documentales del Archivo de Bogotá (Pag. 12-19)

Naranjo, Luis Germán. Naturaleza y conservación en un Nuevo Mundo (Pag. 20-31)

Cabrera Castillo, Henry Giovanni. El caso de la combustión (Pag. 32-42)

Martínez Salazar, Mauricio. Investigación y terapia con células madre : ¿De dónde vienen y para dónde van...? (Pag. 43-50)

Solarte Vanegas, Norma Cristina ; Serrano Guzmán, María Fernanda ; Suárez Puccetti, Óscar Fernando. Mantenimiento vial : responsabilidad compartida con la comunidad (Pag. 54-59)

Álvarez Miño, Lucero. Preguntas cotidianas a la ciencia (Pag. 60-64)

INICIO

PLANT CELL Vol. 24(1). 2012

Gregory Bertoni. A Nitrate Transporter for Both Roots and Shoots (Pag. 1)

Jennifer Mach. Plant Cortical Microtubule Arrays: Recruitment Mechanisms in Common with Centrosomes (Pag. 2)

Nancy A. Eckardt. Mapping the Barley Chloroplast Transcriptome (Pag. 3)

Joseph G. Dubrovsky and Brian G. Forde. Quantitative Analysis of Lateral Root Development: Pitfalls and How to Avoid Them (Pag. 4-14)

Ive De Smet, Philip J. White, A. Glyn Bengough, et al. Analyzing Lateral Root Development: How to Move Forward (Pag. 15-20)

Jianchang Du, Zhixi Tian, Yi Sui, et al. Pericentromeric Effects Shape the Patterns of Divergence, Retention, and Expression of Duplicated Genes in the Paleopolyploid Soybean (Pag. 21-32).

Ricardo F.H. Giehl, Joni E. Lima, and Nicolaus von Wirén. Localized Iron Supply Triggers Lateral Root Elongation in Arabidopsis by Altering the AUX1-Mediated Auxin Distribution (Pag. 33-49)

Jin-Ying Gou, Lisa M. Miller, Guichuan Hou, Xiao-Hong Yu, Xiao-Ya Chen, and Chang-Jun Liu. Acetyltransferase-Mediated Deacetylation of Pectin Impairs Cell Elongation, Pollen Germination, and Plant Reproduction (Pag. 50-65)

Jonathan Dayan, Nickolay Voronin, Fan Gong, Tai-ping Sun, Peter Hedden, Hillel Fromm, and Roni Aloni. Leaf-Induced Gibberellin Signaling Is Essential for Internode Elongation, Cambial Activity, and Fiber Differentiation in Tobacco Stems (Pag. 66-79)

Wakana Tanaka, Taiyo Toriba, Yoshihiro Ohmori, et al. The YABBY Gene TONGARI-BOUSHI1 Is Involved in Lateral Organ Development and Maintenance of Meristem Organization in the Rice Spikelet (Pag. 80-95)

Evyatar Steiner, Idan Efroni, Manjula Gopalraj, et al. The Arabidopsis O-Linked N-Acetylglucosamine Transferase SPINDLY Interacts with Class I TCPs to Facilitate Cytokinin Responses in Leaves and Flowers (Pag. 96-108)

Jun Hu, Kun Wang, Wenchao Huang, et al. The Rice Pentatricopeptide Repeat Protein RF5 Restores Fertility in Hong-Lian Cytoplasmic Male-Sterile Lines via a Complex with the Glycine-Rich Protein GRP162 (Pag. 109-122)

Petya Zhelyazkova, Cynthia M. Sharma, Konrad U. Förstner, Karsten Liere, Jörg Vogel, and Thomas Börner. The Primary Transcriptome of Barley Chloroplasts: Numerous Noncoding RNAs and the Dominating Role of the Plastid-Encoded RNA Polymerase (Pag. 123-136)

Christian Wiludda, Stefanie Schulze, Udo Gowik, Sascha Engelmann, Maria Koczor, Monika Streubel, Hermann Bauwe, and Peter Westhoff. Regulation of the Photorespiratory GLDPA Gene in C4 Flaveria: An Intricate Interplay of Transcriptional and Posttranscriptional Processes (Pag. 137-151)

Emma Greer, Azahara C. Martín, Ali Pendle, Isabelle Colas, Alexandra M.E. Jones, Graham Moore, and Peter Shaw. The Ph1 Locus Suppresses Cdk2-Type Activity during Premeiosis and Meiosis in Wheat (Pag. 152-162)

Martin Bringmann, Eryang Li, Arun Sampathkumar, Tomas Kocabek, Marie-Theres Hauser, and Staffan Persson. POM-POM2/CELLULOSE SYNTHASE INTERACTING1 Is Essential for the Functional Association of Cellulose Synthase and Microtubules in Arabidopsis (Pag. 163-177)

Stéphanie Drevensek, Magali Goussot, et al. The Arabidopsis TRM1-TON1 Interaction Reveals a Recruitment Network Common to Plant Cortical Microtubule Arrays and Eukaryotic Centrosomes (Pag. 178-191)

INICIO

Adrian Sambade, Amitesh Pratap, Henrik Buschmann, Richard J. Morris, and Clive Lloyd. The Influence of Light on Microtubule Dynamics and Alignment in the Arabidopsis Hypocotyl (Pag. 192-201)

Lianwei Peng, Yoichiro Fukao, Masayuki Fujiwara, and Toshiharu Shikanai. Multistep Assembly of Chloroplast NADH Dehydrogenase-Like Subcomplex A Requires Several Nucleus-Encoded Proteins, Including CRR41 and CRR42, in Arabidopsis (Pag. 202-214)

Susanne Wolfenstetter, Petra Wirsching, Dorina Dotzauer, Sabine Schneider, and Norbert Sauer. Routes to the Tonoplast: The Sorting of Tonoplast Transporters in Arabidopsis Mesophyll Protoplasts (Pag. 215-232)

Feng Cui, Lijing Liu, Qingzhen Zhao, Zhonghui Zhang, Qingliang Li, Baoying Lin, Yaorong Wu, Sanyuan Tang, and Qi Xie. Arabidopsis Ubiquitin Conjugase UBC32 Is an ERAD Component That Functions in Brassinosteroid-Mediated Salt Stress Tolerance (Pag. 233-244)

Takatoshi Kiba, Ana-Belen Feria-Bourrellier, Florence Lafouge, et al. The Arabidopsis Nitrate Transporter NRT2.4 Plays a Double Role in Roots and Shoots of Nitrogen-Starved Plants (Pag. 245-258)

Cheng-Guo Duan, Yuan-Yuan Fang, et al. Suppression of Arabidopsis ARGONAUTE1-Mediated Slicing, Transgene-Induced RNA Silencing, and DNA Methylation by Distinct Domains of the Cucumber mosaic virus 2b Protein (Pag. 259-274)

Arsalan Daudi, Zhenyu Cheng, Jose A. O'Brien, et al. The Apoplastic Oxidative Burst Peroxidase in Arabidopsis Is a Major Component of Pattern-Triggered Immunity (Pag. 275-287)

Arik Honig, Tamar Avin-Wittenberg, Shai Ufaz, and Gad Galili. A New Type of Compartment, Defined by Plant-Specific Atg8-Interacting Proteins, Is Induced upon Exposure of Arabidopsis Plants to Carbon Starvation (Pag. 288-303)

Yoshikazu Shimoda, Lu Han, Toshimasa Yamazaki, Rintaro Suzuki, Makoto Hayashi, and Haruko Imaizumi-Anraku. Rhizobial and Fungal Symbioses Show Different Requirements for Calmodulin Binding to Calcium Calmodulin-Dependent Protein Kinase in *Lotus japonicus* (Pag. 304-321)

Thomas A. Mentlak, Anja Kombrink, Tomonori Shinya, et al. Effector-Mediated Suppression of Chitin-Triggered Immunity by *Magnaporthe oryzae* Is Necessary for Rice Blast Disease (Pag. 322-335)

Clemencia M. Rojas, Muthappa Senthil-Kumar, Keri Wang, Choong-Min Ryu, Amita Kaundal, and Kirankumar S. Mysore. Glycolate Oxidase Modulates Reactive Oxygen Species-Mediated Signal Transduction during Nonhost Resistance in *Nicotiana benthamiana* and Arabidopsis (Pag. 336-352)

Srinivasa Rao Uppalapati, Yasuhiro Ishiga, et al. Loss of Abaxial Leaf Epicuticular Wax in *Medicago truncatula* *irg1/palm1* Mutants Results in Reduced Spore Differentiation of Anthracnose and Nonhost Rust Pathogens (Pag. 353-370)

PLANT PHYSIOLOGY Vol. 158(3). 2012

Peter V. Minorsky. On the Inside (Pag. 1105-1106)

Inderjit. Exotic Plant Invasion in the Context of Plant Defense against Herbivores (Pag. 1107-1114)

Johnny Lloyd and David Meinke. A Comprehensive Dataset of Genes with a Loss-of-Function Mutant Phenotype in Arabidopsis (Pag. 1115-1129)

Leonor C. Bedoya, Fernando Martínez, Diego Orzáez, and José-Antonio Daròs. Visual Tracking of Plant Virus Infection and Movement Using a Reporter MYB Transcription Factor That Activates Anthocyanin Biosynthesis (Pag. 1130-1138)

Alisdair R. Fernie and Mark Stitt. On the Discordance of Metabolomics with Proteomics and Transcriptomics: Coping with Increasing Complexity in Logic, Chemistry, and Network Interactions Scientific Correspondence (Pag. 1139-1145)

Javier Sampedro, Cristina Gianzo, et al. AtBGAL10 Is the Main Xyloglucan β -Galactosidase in Arabidopsis, and Its Absence Results in Unusual Xyloglucan Subunits and Growth Defects (Pag. 1146-1157)

Hiroyuki Wadahama, Kensuke Iwasaki, et al. Accumulation of β -Conglycinin in Soybean Cotyledon through the Formation of Disulfide Bonds between α' - and α -Subunits (Pag. 1395-1405)

Janina Post, Nicole van Deenen, Julia Fricke, et al. Laticifer-Specific cis-Prenyltransferase Silencing Affects the Rubber, Triterpene, and Inulin Content of *Taraxacum brevicorniculatum* (Pag. 1406-1417)

Qiang Wang, Matthew L. Hillwig, Yisheng Wu, and Reuben J. Peters. CYP701A8: A Rice ent-Kaurene Oxidase Paralog Diverted to More Specialized Diterpenoid Metabolism (Pag. 1418-1425)

Miyoshi Haruta and Michael R. Sussman. The Effect of a Genetically Reduced Plasma Membrane Protonmotive Force on Vegetative Growth of Arabidopsis (Pag. 1158-1171)

Peter K. Lundquist, Anton Poliakov, et al. The Functional Network of the Arabidopsis Plastoglobule Proteome Based on Quantitative Proteomics and Genome-Wide Coexpression Analysis (Pag. 1172-1192)

Qian Liu and Chi-Kuang Wen. Arabidopsis ETR1 and ERS1 Differentially Repress the Ethylene Response in Combination with Other Ethylene Receptor Genes (Pag. 1193-1207)

Hannie S. van der Honing, Henk Kieft, Anne Mie C. Emons, and Tijs Ketelaar. Arabidopsis VILLIN2 and VILLIN3 Are Required for the Generation of Thick Actin Filament Bundles and for Directional Organ Growth (Pag. 1426-1438)

Hitoshi Nakagawa, Atsunori Tanaka, et al. SHORT GRAIN1 Decreases Organ Elongation and Brassinosteroid Response in Rice (Pag. 1208-1219)

Manuela Désirée Bienert, Mélanie Delannoy, Catherine Navarre, and Marc Boutry. NtSCP1 from Tobacco Is an Extracellular Serine Carboxypeptidase III That Has an Impact on Cell Elongation (Pag. 1220-1229)

Daniel H. Chitwood, Lauren R. Headland, Ravi Kumar, Jie Peng, Julin N. Maloof, and Neelima R. Sinha. The Developmental Trajectory of Leaflet Morphology in Wild Tomato Species (Pag. 1230-1240)

INICIO

Astrid Wingler, Thierry L. Delatte, et al. Trehalose 6-Phosphate Is Required for the Onset of Leaf Senescence Associated with High Carbon Availability (Pag. 1241-1251)

Megan N. Hemming, Sally A. Walford, Sarah Fieg, Elizabeth S. Dennis, and Ben Trevaskis. Identification of High-Temperature-Responsive Genes in Cereals (Pag. 1439-1450)

Naoufal Lakhssassi, Verónica G. Doblas, et al. The Arabidopsis TETRATRICOPEPTIDE THIOREDOXIN-LIKE Gene Family Is Required for Osmotic Stress Tolerance and Male Sporogenesis (Pag. 1252-1266)

Fanny Ramel, Simona Birtic, Stéphan Cui  , Christian Triantaphylid  s, Jean-Luc Ravanat, and Michel Havaux. Chemical Quenching of Singlet Oxygen by Carotenoids in Plants (Pag. 1267-1278)

Wei Li, Xiao Cui, Zhaolu Meng, et al. Transcriptional Regulation of Arabidopsis MIR168a and ARGONAUTE1 Homeostasis in Abscisic Acid and Abiotic Stress Responses (Pag. 1279-1292)

Leonardo Magneschi, Claudia Catalanotti, et al. A Mutant in the ADH1 Gene of Chlamydomonas reinhardtii Elicits Metabolic Restructuring during Anaerobiosis (Pag. 1293-1305)

Alberto Gonz  lez, M. de los   ngeles Cabrera, M. Josefa Henr  quez, Rodrigo A. Contreras, Bernardo Morales, and Alejandra Moenne. Cross Talk among Calcium, Hydrogen Peroxide, and Nitric Oxide and Activation of Gene Expression Involving Calmodulins and Calcium-Dependent Protein Kinases in Ulva compressa Exposed to Copper Excess (Pag. 1451-1462)

Zahir Ali, Hyeong Cheol Park, Akhtar Ali, et al. TsHKT1;2, a HKT1 Homolog from the Extremophile Arabidopsis Relative Thellungiella salsuginea, Shows K⁺ Specificity in the Presence of NaCl (Pag. 1463-1474)

Natalia Carreno-Quintero, Animesh Acharjee, et al. Untargeted Metabolic Quantitative Trait Loci Analyses Reveal a Relationship between Primary Metabolism and Potato Tuber Quality (Pag. 1306-1318)

Qing Ji, Meijing Zhang, Jufei Lu, et al. Molecular Basis Underlying the S5-Dependent Reproductive Isolation and Compatibility of indica/japonica Rice Hybrids (Pag. 1319-1328)

Maria A. Osipova, Virginie Mortier, Kirill N. Demchenko, Victor E. Tsyganov, Igor A. Tikhonovich, Ludmila A. Lutova, Elena A. Dolgikh, and Sofie Goormachtig. WUSCHEL-RELATED HOMEBOX5 Gene Expression and Interaction of CLE Peptides with Components of the Systemic Control Add Two Pieces to the Puzzle of Autoregulation of Nodulation (Pag. 1329-1341)

Walter A. Vargas, Jos   M. Sanz Mart  n, Gabriel E. Rech, et al. Plant Defense Mechanisms Are Activated during Biotrophic and Necrotrophic Development of Colletotricum graminicola in Maize (Pag. 1342-1358)

Jens Tilsner, Olga Linnik, Kathryn M. Wright, et al. The TGB1 Movement Protein of Potato virus X Reorganizes Actin and Endomembranes into the X-Body, a Viral Replication Factory (Pag. 1359-1370)

Victor P. Bulgakov, Tatiana Y. Gorpenchenko, Galina N. Veremeichik, et al. The rolB Gene Suppresses Reactive Oxygen Species in Transformed Plant Cells through the Sustained Activation of Antioxidant Defense (Pag. 1371-1381)

Hern  n E. Bocalandro, Carla V. Giordano, Edmundo L. Ploschuk, Patricia N. Piccoli, Rub  n Bottini, and Jorge J. Casal. Phototropins But Not Cryptochromes Mediate the Blue Light-Specific Promotion of Stomatal Conductance, While Both Enhance Photosynthesis and Transpiration under Full Sunlight (Pag. 1475-1484)
Kabin Xie, Jianqiang Shen, Xin Hou, Jialing Yao, Xianghua Li, Jinghua Xiao, and Lizhong Xiong. Gradual Increase of miR156 Regulates Temporal Expression Changes of Numerous Genes during Leaf Development in Rice (Pag. 1382-1394)

INICIO

REVISTA COLOMBIANA DE ENTOMOLOGIA Vol. 37(1). 2012

Bosa, Carlos Felipe; Clavijo, Andrea; Karlsson, Miriam Frida; Cotes, Alba Marina; Witzgall, Peter. Response of *Tecia solanivora* (Lepidoptera: Gelechiidae) to volatile compounds of potato, *Solanum tuberosum* (Pag. 1-7)

Cuéllar J., María Elena; Morales, Francisco J; Lerma, James Montoya. Genetic resistance to Bean Leaf Crumple Virus transmitted by *Bemisia tabaci* (Hemiptera: Aleyrodidae) (Pag. 8-15)

García, José F.; Prado, Simone S; Vendramim, José D.; M. Botelho, Paulo S. Effect of sugarcane varieties on the development of *Mahanarva fimbriolata* (Hemiptera: Cercopidae) (Pag. 16-20)

Peralta C., Osman; Tello M, Víctor. Life tables of *Tetranychus cinnabarinus* (Acari: Tetranychidae) on three varieties of muskmelon, *Cucumis melo* (Pag. 21-26)

Quiroga, Isabel; Gómez A, Martha; Villamizar R., Laura. Stability of formulations based on granulovirus for controlling *Tecia solanivora* (Lepidoptera: Gelechiidae) in the field (Pag. 27-35)

Sterling C, Armando; Gómez M., Carlos A.; Campo J., Ary A. Pathogenicity of *Metarhizium anisopliae* (Deuteromycota: Hyphomycetes) on *Heterotermes tenuis* (Isoptera: Rhinotermitidae) in *Hevea brasiliensis* (Pag. 36-42)

Sáenz A., Adriana; López N., Juan Carlos. Life cycle and pathogenicity of native isolate *Heterorhabditis* sp. SL0708 (Rhabditida: Heterorhabditidae) (Pag. 43-47)

Jaramillo, Jorge L.; Ospina, Carlos M; Gil, Zulma Nancy; Montoya, Esther C; Benavides, Pablo. Advances on the biology of *Corthylus zulmae* (Coleoptera: Curculionidae) in *Alnus acuminata* (Betulaceae) (Pag. 48-55)

Huerta Fuentes, Amanda; Navarrete Valdivia, Wilson; Araya Clericus, Jaime; Muñoz Alegría, Francisco. Composition and classification of insect damage on *Nothofagus glauca* (Fagaceae), Maule Region, Chile (Pag. 56-61)

Tello Mercado, Víctor; Briceño Valdivia, Romina; Castillo Martínez, Pamela. Biological parameters of *Proprioseiopsis iorgius* on *Tetranychus desertorum* (Acari: Phytoseiidae, Tetranychidae) (Pag. 62-66)

de Moraes, Rosana M; Sant' Ana, Josué; R. Redaelli, Luiza; Lorscheiter, Rafael. Effects of aging and polygamy on the reproductive performance of *Grapholita molesta* (Lepidoptera: Tortricidae) (Pag. 67-70)

Díaz M., Ana Elizabeth; Solis, Alma; Brochero, Helena L. Geographical distribution of *Neoleucinodes elegantalis* (Lepidoptera: Crambidae) in Colombia (Pag. 71-76)

Álvarez G., Deivys; Pérez H, Antonio; Díaz S., Juan; Maestre H., Mario; Beltrán H., Javier. Transmission of Yam Mild Mosaic Virus to *Dioscorea rotundata* (Dioscoreaceae) by *Oncometopia* sp (Cicadellidae) (Pag. 77-79)

Martins Pires, Evaldo; Moreira Da Silva, Isabel; Pereira, Adriano Elias; Zanuncio, José Cola. Occurrence of *Poekilloptera phalaenoides* (Hemiptera: Flatidae) on *Acacia podalyriaefolia* (Mimosoideae) in Viçosa, Minas Gerais, Brazil (Pag. 80-81)

Martins Pires, Evaldo; Moreira, Isabel; Alvarenga Soares, Marcus; Marinho, João Alfredo; Pinto, Rosenilson; Zanuncio, José Cola. *Oxymerus aculeatus* (Coleoptera: Cerambycidae) causing damage on corn plants (*Zea mays*) in Brazil (Pag. 82-83)

INICIO

Bueno Marí, Rubén; Jiménez Peydró, Ricardo. Establishment of predictive elements concerning to the occurrence of culicid mosquitoes (Diptera: Culicidae) (Pag. 84-90)

Suárez, Jorge; Oviedo, Milagros; Álvarez, Leslie; González, Adalberto; Lenhart, Audrey. Evaluation of the insect growth regulator Pyriproxyfen against populations of *Aedes aegypti* from Trujillo, Venezuela (Pag. 91-94)

Zhuang, Quan; Cai, Jifeng; Zhang, Mengqi; Feng, Hua; Guo, Yadong; Lan, Lingmei; Chen, Yaoqing. Molecular identification of forensically significant beetles (Coleoptera) in China based on COI gene (Pag. 95102)

Naranjo-López, Alma Gabriela; Navarrete-Heredia, José Luis. Carrion beetles (Histeridae, Silphidae and Scarabaeidae) from two localities in Gómez Farías, Jalisco, México (Pag. 103-110)

Mendonça, Jr., Milton de S. Galling arthropod diversity in the subtropical neotropics: Espinilho savannah and riparian forests compared (Pag. 111-116)

Bolaños-Martínez, Ivón Andrea; Zambrano-González, Giselle. Breeding feasibility of *Pteronymia zerlina* and *P. medellina* (Lepidoptera: Danainae: Ithomiini) (Pag. 117-120)

Nates-Parra, Guiomar; Rodríguez C.,Angela. Foraging of *Melipona eburnea* (Hymenoptera: Apidae) colonies in the foothills of the western plains (Meta, Colombia) (Pag. 121-127)

Rengifo-Correa, Laura Alexandra; González Obando, Ranulfo. The genera of Myodochini (Hemiptera: Lygaeoidea: Rhyparochromidae) from Colombia and a key with illustrations (Pag. 128-136)

Pujade-Villar, Juli. First record of a thrasorinae hymenopteran in the Colombian fauna and description of a new species (Pag. 137-139)

Porras, Mitzy F. A vibrant and bright combination: new species of clown grasshoppers *Paramastax* (Orthoptera: Eumastacidae) (Pag. 140-144)

García García, Alexander. Three new species of *Enicospilus* (Ichneumonidae: Ophioninae) from Colombia (Pag. 145-151)

Neita-Moreno, Jhon César; Yepes, Francisco. Description of the larva and pupa of *Dyscinetus dubius* (Coleoptera: Melolonthidae: Dynastinae: Cyclocephalini) (Pag. 152-156)

Avila A., Daniel; Jaramillo C., Venda. First report of Oncopoduridae (Collembola: Entomobryomorpha) from Colombia (Pag. 157-158)

Guerrero, Roberto J.; Sanabria, Catalina. The first record of the genus *Gracilidris* (Hymenoptera: Formicidae: Dolichoderinae) from Colombia (Pag. 159-161)

Bello G., Orestes C; Torres C., Yusdiel. *Monopelopia tillandsia*, (Diptera: Chironomidae: Tanypodinae), first record from Cuba and the Neotropical region (Pag. 162-163)

Rojas-Riaño, Nancy Carolina. First record of the damselfly genus *Anisagrion* (Odonata: Coenagrionidae) from Colombia (Pag. 164-165)

INICIO

TROPICAL PLANT PATHOLOGY Vol.36(6). 2011

Fayad-André, Michelle de S.; Dusi, André Nepomuceno; Resende, Renato Oliveira. Spread of viruses in garlic fields cultivated under different agricultural production systems in Brazil (Pag. 341-349)

Gilchrist, Elizabeth; Soler, Juliana; Merz, Ueli; Reynaldi, Sebastian. Powdery scab effect on the potato *Solanum tuberosum* ssp. *andigena* growth and yield (Pag. 350-355)

Canale, Maria C.; Benato, Eliane A.; Cia, Patrícia; Haddad, Marineia L.; Pascholati, Sérgio F. In vitro effect of UV-C irradiation on *Guignardia citricarpa* and on postharvest control of citrus black spot (Pag. 356-361)

Mário, Justino L.; Reis, Erlei M.; Juliatti, Fernando C. Three inoculation methods for screening corn germplasm to white ear rot resistance (Pag. 362-366)

Revelo, Eliana; Dorado, Gabriela; Lagos, Luz Estela; Burbano-Figueroa, Oscar. Foliar virulence of isolates of *Phytophthora infestans* sensu lato on detached leaves of two *Solanum betaceum* cultivars (Pag. 367-373)

Dumón, Analía D.; Argüello-Caro, Evangelina B.; et al. Identification and biological characterization of Barley yellow striate mosaic virus (BYSMV): a new wheat disease in Argentina (Pag. 374-382)

Santos, Tacila Ribeiro; Luz, Edna Dora M.N. Evaluation of inoculation methods, inoculum concentrations and seedling age for *Phytophthora palmivora* inoculation on papaya (Pag. 383-389)

Fischer, Ivan H.; Zanette, Micheli M.; Spósito, Marcel B.; Amorim, Lilian. Postharvest diseases in orange fruits and characterization of the fungal population in organic and conventional farmers (Pag. 390-399)

Castillo, Isidro Izquierdo; Diaz, Luis Felipe Zermeño; et al. Confirmation of the presence of the Citrus leprosis virus C (CiLV-C) in Southern Mexico (Pag. 400-403)

Rodrigues, Fabrício A.; Carré-Missio, Vivian; Jham, Gulab N.; Berhow, Mark; Schurt, Daniel A. Chlorogenic acid levels in leaves of coffee plants supplied with silicon and infected by *Hemileia vastatrix* (Pag. 404-408)

Rodrigues, Lucas M.R.; Destéfano, Suzete A.L.; Diniz, Maria Celeste T.; Comparoni, Renata; Rodrigues Neto, Júlio. Pathogenicity of Brazilian strains of *Ralstonia solanacearum* in *Strelitzia reginae* seedlings (Pag. 409-413)

Coutinho, Wirton M.; Andrade, Daniele D.; et al. Development of a powder formulation of *Aspergillus parasiticus* for dry inoculation of peanut kernels (Pag. 414-418)

Canaver, Bruno S.; Di Piero, Robson M. Chitosan and adjuvants for the control of blue mold in apples (Pag. 419-423)

Foliar application of products on the reduction of blast severity on wheat

Cruz, Maria Fernanda A. da; Diniz, Ana Paula C.; Rodrigues, Fabrício A.; Barros, Everaldo Gonçalves de (Pag. 424-428)

INICIO