

Komoditi : tomat/tomatoes (*lycopersicon*)

1. An avrPto/avrPtoB Mutant of *Pseudomonas syringae* pv. tomato DC3000 Does Not Elicit Pto-Mediated Resistance and Is Less Virulent on Tomato
Nai-Chun Lin, Gregory B Martin. *Molecular Plant-Microbe Interactions*. St. Paul: Jan 2005. Vol. 18, Iss. 1; p. 43 (9 pages)
2. A NAC Domain Protein Interacts with Tomato leaf curl virus Replication Accessory Protein and Enhances Viral Replication
Luke A Selth, Satish C Dogra, M Saif Rasheed, Helen Healy, et al. *Plant Cell*. Rockville: Jan 2005. Vol. 17, Iss. 1; p. 311 (15 pages)
3. Functional Analysis of Avr9/Cf-9 Rapidly Elicited Genes Identifies a Protein Kinase, ACIK1, That Is Essential for Full Cf-9-Dependent Disease Resistance in Tomato(w)
Owen Rowland, Andrea A Ludwig, Catherine J Merrick, Fabienne Baillieux, et al. *Plant Cell*. Rockville: Jan 2005. Vol. 17, Iss. 1; p. 295 (16 pages)
4. Nitrate reductase regulation in tomato roots by exogenous nitrate: a possible role in tolerance to long-term root anoxia
Adeline Allègre, Jérôme Silvestre, Philippe Morard, Jean Kallerhoff, Eric Pinelli. *Journal of Experimental Botany*. Oxford: Dec 2004. Vol. 55, Iss. 408; p. 2625
5. The early light-inducible protein (ELIP) gene is expressed during the chloroplast-to-chromoplast transition in ripening tomato fruit
Arianna K. Bruno, Carolyn M. Wetzel. *Journal of Experimental Botany*. Oxford: Dec 2004. Vol. 55, Iss. 408; p. 2541
6. *Pseudomonas* Type III Effector AvrPto Suppresses the Programmed Cell Death Induced by Two Nonhost Pathogens in *Nicotiana benthamiana* and Tomato
Li Kang, Xiaoyan Tang, Kirankumar S Mysore. *Molecular Plant-Microbe Interactions*. St. Paul: Dec 2004. Vol. 17, Iss. 12; p. 1328 (9 pages)
7. Analysis of Sequence, Map Position, and Gene Expression Reveals Conserved Essential Genes for Iron Uptake in *Arabidopsis* and Tomato1[w]
Petra Bauer, Thomas Thiel, Marco Klatte, Zsolt Bereczky, et al. *Plant Physiology*. Rockville: Dec 2004. Vol. 136, Iss. 4; p. 4169 (15 pages)
8. Effect of the Colorless non-ripening Mutation on Cell Wall Biochemistry and Gene Expression during Tomato Fruit Development and Ripening1[w]
Emma M Eriksson, Arnaud Bovy, Ken Manning, Liz Harrison, et al. *Plant Physiology*. Rockville: Dec 2004. Vol. 136, Iss. 4; p. 4184 (14 pages)
9. The Effect of Diets Containing Tomato, Broccoli, or Lycopene or Finasteride Treatment on the Growth of Dunning R-3327-H Transplantable Prostate Adenocarcinomas in Rats
Kirstie Canene-Adams, Steven K Clinton, Jennifer L King, Brian L Lindshield, et al. *The Journal of Nutrition*. Bethesda: Dec 2004. Vol. 134, Iss. 12S; p. 3535S (1 page)
10. Tomato Phytochemicals and Prostate Cancer Risk1,2
Jessica K Campbell, Kirstie Canene-Adams, Brian L Lindshield, Thomas W-M Boileau, et al. *The Journal of Nutrition*. Bethesda: Dec 2004. Vol. 134, Iss. 12S; p. 3486S (7 pages)
11. Long-distance signals regulating stomatal conductance and leaf growth in tomato (*Lycopersicon esculentum*) plants subjected to partial root-zone drying
Wagdy Y. Sobeih, Ian C. Dodd, Mark A. Bacon, Donald Grierson, William J. Davies. *Journal of Experimental Botany*. Oxford: Nov 2004. Vol. 55, Iss. 407; p. 2353
12. Identification and Expression Profiling of Tomato Genes Differentially Regulated During a Resistance Response to *Xanthomonas campestris* pv. *vesicatoria*

- Avi Gibly, Arale Bonshtien, Vasudevan Balaji, Paul Debbie, et al. *Molecular Plant-Microbe Interactions*. St. Paul: Nov 2004. Vol. 17, Iss. 11; p. 1212 (11 pages)
13. First Report of *Vidalia* Onion (*Allium cepa*) Naturally Infected with Tomato spotted wilt virus and Iris yellow spot virus (Family Bunyaviridae, Genus Tospovirus) in Georgia
S W Mullis, D B Langston Jr, R D Gitaitis, J L Sherwood, et al. *Plant Disease*. St. Paul: Nov 2004. Vol. 88, Iss. 11; p. 1285 (1 page)
 14. Strains of Peru tomato virus infecting cocona (*Solanum sessiliflorum*), tomato and pepper in Peru with reference to genome evolution in genus Potyvirus
T. A. Melgarejo, A. Alminaite, C. Fribourg, C. Spetz, J. P. T. Valkonen. *Archives of Virology*. New York: Oct 2004. Vol. 149, Iss. 10; p. 2025
 15. Tomato Yellow Leaf Curl Virus
Gene McAvoy. *Florida Grower*. Willoughby: Oct 2004. Vol. 97, Iss. 10; p. 26 (1 page)
 16. Expression Patterns of Defense-Related Genes in Different Types of Arbuscular Mycorrhizal Development in Wild-Type and Mycorrhiza-Defective Mutant Tomato
Ling-Ling Gao, Wolfgang Knogge, Gabriele Delp, F Andrew Smith, Sally E Smith. *Molecular Plant-Microbe Interactions*. St. Paul: Oct 2004. Vol. 17, Iss. 10; p. 1103 (11 pages)
 17. Predictive Factors for the Suppression of Fusarium Wilt of Tomato in Plant Growth Media
Celia Borrero, M Isabel Trillas, José Ordovás, Julio C Tello, Manuel Avilés. *Phytopathology*. St. Paul: Oct 2004. Vol. 94, Iss. 10; p. 1094 (8 pages)
 18. A Patch of Surface-Exposed Residues Mediates Negative Regulation of Immune Signaling by Tomato Pto Kinase(W)
Ai-Juan Wu, Vasilios M E Andriotis, Marcus C Durrant, John P Rathjen. *Plant Cell*. Rockville: Oct 2004. Vol. 16, Iss. 10; p. 2809 (13 pages)
 19. First Report of Tomato chlorosis virus in Israel
L Segev, W M Wintermantel, J E Polston, M Lapidot. *Plant Disease*. St. Paul: Oct 2004. Vol. 88, Iss. 10; p. 1160 (1 page)
 20. Molecular characterization of tomato-infecting begomoviruses in Yunnan, China
Z. H. Li, X. P. Zhou, X. Zhang, Y. Xie. *Archives of Virology*. New York: Sep 2004. Vol. 149, Iss. 9; p. 1721
 21. Proteomic Analysis of Resistance Mediated by Rcm 2.0 and Rcm 5.1, Two Loci Controlling Resistance to Bacterial Canker of Tomato
Gitta L Coaker, Belinda Willard, Michael Kinter, Eric J Stockinger, David M Francis. *Molecular Plant-Microbe Interactions*. St. Paul: Sep 2004. Vol. 17, Iss. 9; p. 1019 (10 pages)
 22. An Outbreak of Bacterial Speck Caused by *Pseudomonas syringae* pv. *tomato* on Tomato Transplants Grown in Commercial Seedling Companies Located in the Western Mediterranean Region of Turkey
H Basim, E Basim, S Yilmaz, E R Dickstein, J B Jones. *Plant Disease*. St. Paul: Sep 2004. Vol. 88, Iss. 9; p. 1050 (1 page)
 23. Bacterial Canker Caused by *Clavibacter michiganensis* subsp. *michiganensis* on Greenhouse-Grown Tomato in the Western Mediterranean Region of Turkey
E Basim, H Basim, E R Dickstein, J B Jones. *Plant Disease*. St. Paul: Sep 2004. Vol. 88, Iss. 9; p. 1048 (1 page)
 24. Down-Regulation of DELLA Genes Is Not Essential for Germination of Tomato, Soybean, and Arabidopsis Seeds1
George W Bassel, Elzbieta Zielinska, Robert T Mullen, J Derek Bewley. *Plant Physiology*. Rockville: Sep 2004. Vol. 136, Iss. 1; p. 2782 (8 pages)
 25. Identification of a Specific Isoform of Tomato Lipoxygenase (TomloxC) Involved in the Generation of Fatty Acid-Derived Flavor Compounds1

- Guoping Chen, Rachel Hackett, David Walker, Andy Taylor, et al. *Plant Physiology*. Rockville: Sep 2004. Vol. 136, Iss. 1; p. 2641 (11 pages)
26. Tints of tomatoes
Farmers Guardian. Tonbridge: Aug 6, 2004. p. 63
 27. The Tomato mosaic virus 30 kDa movement protein interacts differentially with the resistance genes Tm-2 and Tm-2 2
H. Weber, S. Ohnesorge, M. V. Silber, A. J. P. Pfitzner. *Archives of Virology*. New York: Aug 2004. Vol. 149, Iss. 8; p. 1499
 28. Trapping of Tomato yellow leaf curl virus (TYLCV) and other plant viruses with a GroEL homologue from the whitefly *Bemisia tabaci*
F. Akad, N. Dotan, H. Czosnek. *Archives of Virology*. New York: Aug 2004. Vol. 149, Iss. 8; p. 1481
 29. Cover Crops Offer Tomatoes Protection
Anonymous. *Florida Grower*. Willoughby: Aug 2004. Vol. 97, Iss. 8; p. 8 (1 page)
 30. Improve Tomato Fruit Quality
Sieglinde Snapp. *Florida Grower*. Willoughby: Aug 2004. Vol. 97, Iss. 8; p. 32 (2 pages)
 31. Money For Discarded Tomatoes
Anonymous. *Florida Grower*. Willoughby: Aug 2004. Vol. 97, Iss. 8; p. 8 (1 page)
 32. A genetic map of candidate genes and QTLs involved in tomato fruit size and composition
M. Causse, P. Duffe, M. C. Gomez, M. Buret, et al. *Journal of Experimental Botany*. Oxford: Aug 2004. Vol. 55, Iss. 403; p. 1671
 33. Integrated Management of Tomato Spotted Wilt on Field-Grown Tomatoes
M T Momol, S M Olson, J E Funderburk, J Stavisky, J J Marois. *Plant Disease*. St. Paul: Aug 2004. Vol. 88, Iss. 8; p. 882
 34. Jasmonic Acid Is a Key Regulator of Spider Mite-Induced Volatile Terpenoid and Methyl Salicylate Emission in Tomato1[w]
Kai Ament, Merijn R Kant, Maurice W Sabelis, Michel A Haring, Robert C Schuurink. *Plant Physiology*. Rockville: Aug 2004. Vol. 135, Iss. 4; p. 2025 (13 pages)
 35. Relocalization of Nuclear ALY Proteins to the Cytoplasm by the Tomato Bushy Stunt Virus P19 Pathogenicity Protein1[w]
Joachim F Uhrig, Tomas Canto, David Marshall, Stuart A MacFarlane. *Plant Physiology*. Rockville: Aug 2004. Vol. 135, Iss. 4; p. 2411 (13 pages)
 36. Complete nucleotide sequence of Iranian tomato yellow leaf curl virus isolate: further evidence for natural recombination amongst begomoviruses
K. Bananej, A. Kheyr-Pour, G. Hosseini Salekdeh, A. Ahoonmanesh. *Archives of Virology*. New York: Jul 2004. Vol. 149, Iss. 7; p. 1435
 37. Ugly Tomatoes And Other Pesky Problems
Rick Snyder. *Florida Grower*. Willoughby: Jul 2004. Vol. 97, Iss. 7; p. 23
 38. Constitutive expression of EIL-like transcription factor partially restores ripening in the ethylene-insensitive Nr tomato mutant
Guoping Chen, Lucille Alexander, Donald Grierson. *Journal of Experimental Botany*. Oxford: Jul 2004. Vol. 55, Iss. 402; p. 1491
 39. Developmental regulation of peach ACC oxidase promoter-GUS fusions in transgenic tomato fruits
Hangsik Moon, Ann M. Callahan. *Journal of Experimental Botany*. Oxford: Jul 2004. Vol. 55, Iss. 402; p. 1519
 40. Nitrate uptake and nitrite release by tomato roots in response to anoxia

Philippe Morard, Jérôme Silvestre, Ludovic Lacoste, Edith Caumes, Thierry Lamaze. *Journal of Plant Physiology*. Stuttgart: Jul 2004. Vol. 161, Iss. 7; p. 855 (11 pages)

41. Effect of water table depth and irrigation application method on water use for subirrigated fresh market tomato production in Florida
C D Stanley. *Journal of Soil and Water Conservation*. Ankeny: Jul/Aug 2004. Vol. 59, Iss. 4; p. 149 (5 pages)
42. Interaction Between Tomato spotted wilt virus N Protein Monomers Involves Nonelectrostatic Forces Governed by Multiple Distinct Regions in the Primary Structure
Mark Kainz, Pierre Hilson, Laura Sweeney, Erin DeRose, Thomas L German. *Phytopathology*. St. Paul: Jul 2004. Vol. 94, Iss. 7; p. 759 (7 pages)
43. Tomato spotted wilt virus Infection Improves Host Suitability for Its Vector *Frankliniella occidentalis*
P C Maris, N N Joosten, R W Goldbach, D Peters. *Phytopathology*. St. Paul: Jul 2004. Vol. 94, Iss. 7; p. 706 (6 pages)
44. Management of Tomato Bacterial Spot in the Field by Foliar Applications of Bacteriophages and SAR Inducers
A Obradovic, J B Jones, M T Momol, B Balogh, S M Olson. *Plant Disease*. St. Paul: Jul 2004. Vol. 88, Iss. 7; p. 736
45. Novel Biosynthetic Pathway of Castasterone from Cholesterol in Tomato
Tae-Wuk Kim, Soo Chul Chang, June Seung Lee, Suguru Takatsuto, et al. *Plant Physiology*. Rockville: Jul 2004. Vol. 135, Iss. 3; p. 1231 (12 pages)
46. Role of Hsp17.4-CII as Coregulator and Cytoplasmic Retention Factor of Tomato Heat Stress Transcription Factor HsfA2(1)
Markus Port, Joanna Tripp, Dirk Zielinski, Christian Weber, et al. *Plant Physiology*. Rockville: Jul 2004. Vol. 135, Iss. 3; p. 1457 (14 pages)
47. Tomato Phospholipid Hydroperoxide Glutathione Peroxidase Inhibits Cell Death Induced by Bax and Oxidative Stresses in Yeast and Plants
Shaorong Chen, Zarir Vaghchhipawala, Wei Li, Han Asard, Martin B Dickman. *Plant Physiology*. Rockville: Jul 2004. Vol. 135, Iss. 3; p. 1630 (12 pages)
48. Up-Regulation and Localization of Asparagine Synthetase in Tomato Leaves Infected by the Bacterial Pathogen *Pseudomonas syringae*
Francisco Olea, Alejandro Pérez-García, Francisco R. Cantón, M. Eugenia Rivera, et al. *Plant & Cell Physiology*. Oxford: Jun 15, 2004. Vol. 45, Iss. 6; p. 770
49. Ugly Tomatoes And Other Pesky Problems
Rick Snyder. *American Vegetable Grower*. Willoughby: Jun 2004. Vol. 52, Iss. 6; p. 27 (1 page)
50. Evaluation of AFLPs for germplasm fingerprinting and assessment of genetic diversity in cultivars of tomato (*Lycopersicon esculentum* L.)
Young Hoon Park, Marilyn A L West, Dina A St Clair. *Genome*. Ottawa: Jun 2004. Vol. 47, Iss. 3; p. 510
51. QTL analysis of quantitative resistance to *Phytophthora infestans* (late blight) in tomato and comparisons with potato
Douglas J Brouwer, Elizabeth S Jones, Dina A St Clair. *Genome*. Ottawa: Jun 2004. Vol. 47, Iss. 3; p. 475
52. Tomato fruit cuticular waxes and their effects on transpiration barrier properties: functional characterization of a mutant deficient in a very-long-chain fatty acid [β]-ketoacyl-CoA synthase; [1]
Gerd Vogg, Stephanie Fischer, Jana Leide, Eyal Emmanuel, et al. *Journal of Experimental Botany*. Oxford: Jun 01, 2004. Vol. 55, Iss. 401; p. 1401

53. Tomato fruit cuticular waxes and their effects on transpiration barrier properties: functional characterization of a mutant deficient in a very-long-chain fatty acid [β]-ketoacyl-CoA synthase
Gerd Vogg, Stephanie Fischer, Jana Leide, Eyal Emmanuel, et al. *Journal of Experimental Botany*. Oxford: Jun 01, 2004. Vol. 55, Iss. 401; p. 1401
54. BRINGING UP TOMATOES
Willi Evans. *Organic Gardening*. Emmaus: Jun/Jul 2004. Vol. 51, Iss. 4; p. 34 (3 pages)
55. Tomato Support Products
Anonymous. *Organic Gardening*. Emmaus: Jun/Jul 2004. Vol. 51, Iss. 4; p. 37 (1 page)
56. The Receptor for the Fungal Elicitor Ethylene-Inducing Xylanase Is a Member of a Resistance-Like Gene Family in Tomato
Mily Ron, Adi Avni. *Plant Cell*. Rockville: Jun 2004. Vol. 16, Iss. 6; p. 1604 (12 pages)
57. Tomato Heat Stress Transcription Factor HsfB1 Represents a Novel Type of General Transcription Coactivator with a Histone-Like Motif Interacting with the Plant CREB Binding Protein Ortholog HAC1(W)
Kapil Bharti, Pascal von Koskull-Doring, Sanita Bharti, Pravir Kumar, et al. *Plant Cell*. Rockville: Jun 2004. Vol. 16, Iss. 6; p. 1521 (15 pages)
58. Efficacy of Plant Growth-Promoting Rhizobacteria, Acibenzolar-S-Methyl, and Soil Amendment for Integrated Management of Bacterial Wilt on Tomato
K N Anith, M T Momol, J W Kloepper, J J Marois, et al. *Plant Disease*. St. Paul: Jun 2004. Vol. 88, Iss. 6; p. 669 (5 pages)
59. Arabidopsis Downy Mildew Resistance Gene RPP27 Encodes a Receptor-Like Protein Similar to CLAVATA2 and Tomato Cf-9(1)
Mahmut Tör, Duncan Brown, Abigail Cooper, Alison Woods-Tör, et al. *Plant Physiology*. Rockville: Jun 2004. Vol. 135, Iss. 2; p. 1100 (13 pages)
60. Our Top 10 Tomato Tips
Jamie Cole, Kalli Rasbury. *Progressive Farmer (Southeast edition)*. Birmingham: Jun/Jul 2004. Vol. 119, Iss. 5; p. 22 (3 pages)
61. TOMATO: fruit or vegetable
Anonymous. *Progressive Farmer (Southeast edition)*. Birmingham: Jun/Jul 2004. Vol. 119, Iss. 5; p. 7 (1 page)
62. Tomato extract inhibits human platelet aggregation in vitro without increasing basal cAMP levels
Sheryl A Lazarus, Manohar L Garg. *International Journal of Food Sciences and Nutrition*. Basingstoke: May 2004. Vol. 55, Iss. 3; p. 249
63. A physical, enzymatic, and genetic characterization of perturbations in the seeds of the brownseed tomato mutants
A. Bruce Downie, Lynnette M. A. Dirk, Qilong Xu, Jennifer Drake, et al. *Journal of Experimental Botany*. Oxford: May 01, 2004. Vol. 55, Iss. 399; p. 961
64. Salinity up-regulates the antioxidative system in root mitochondria and peroxisomes of the wild salt-tolerant tomato species *Lycopersicon pennellii*
Valentina Mittova, Micha Guy, Moshe Tal, Micha Volokita. *Journal of Experimental Botany*. Oxford: May 01, 2004. Vol. 55, Iss. 399; p. 1105
65. Expression of streptavidin in tomato resulted in abnormal plant development that could be restored by biotin application
Idit Ginzberg, Avihai Perl, Mira Genser, Smadar Wininger, et al. *Journal of Plant Physiology*. Stuttgart: May 2004. Vol. 161, Iss. 5; p. 611 (10 pages)
66. The HopPtoF Locus of *Pseudomonas syringae* pv. tomato DC3000 Encodes a Type III Chaperone and a Cognate Effector
Libo Shan, Hye-sook Oh, Jianfu Chen, Ming Guo, et al. *Molecular Plant-Microbe Interactions*. St. Paul: May 2004. Vol. 17, Iss. 5; p. 447 (9 pages)

67. Use of Tomato yellow leaf curl virus (TYLCV) Rep Gene Sequences to Engineer TYLCV Resistance in Tomato
Y Yang, T A Sherwood, C P Patte, E Hiebert, J E Polston. *Phytopathology*. St. Paul: May 2004. Vol. 94, Iss. 5; p. 490 (7 pages)
68. Differential Timing of Spider Mite-Induced Direct and Indirect Defenses in Tomato Plants1[w]
Merijn R Kant, Kai Ament, Maurice W Sabelis, Michel A Haring, Robert C Schuurink. *Plant Physiology*. Rockville: May 2004. Vol. 135, Iss. 1; p. 483 (13 pages)
69. Tomato (*Lycopersicon esculentum*) Responses to Spider Mite-Infestation
Peter V Minorsky. *Plant Physiology*. Rockville: May 2004. Vol. 135, Iss. 1; p. 1 (2 pages)
70. Supplementation of a Diet Low in Carotenoids with Tomato or Carrot Juice Does Not Affect Lipid Peroxidation in Plasma and Feces of Healthy Men1
Karlis Briviba, Kerstin Schnabele, Gerhard Rechkemmer, Achim Bub. *The Journal of Nutrition*. Bethesda: May 2004. Vol. 134, Iss. 5; p. 1081 (3 pages)
71. Modelling the Mechanical Properties of Single Suspension-Cultured Tomato Cells
C. X. WANG, L. WANG, C. R. THOMAS. *Annals of Botany*. Oxford: Apr 2004. Vol. 93, Iss. 4; p. 443
72. Cloning and sequencing of full-length cDNAs of RNA1 and RNA2 of a Tomato black ring virus isolate from Poland
M. Jonczyk, O. Le Gall, A. Palucha, N. Borodyenko, H. Pospieszny. *Archives of Virology*. New York: Apr 2004. Vol. 149, Iss. 4; p. 799
73. Characterization of Cultivated Peanut (*Arachis hypogaea* L.) Transformed with the N-gene of Tomato Spotted Wilt Virus
Y Chu, H Y Yang, P Ozias-Akins. *In Vitro Cellular & Developmental Biology*. Columbia: Spring 2004. Vol. 40; p. 43A (1 page)
74. Comparison of Microprojectile Bombardment and *Agrobacterium tumefaciens* Methods for Gene Transfer in Cherry Tomato (*Lycopersicon esculentum*)
Audrey Davis, Isaac Mickens, Seema Dhir. *In Vitro Cellular & Developmental Biology*. Columbia: Spring 2004. Vol. 40; p. 71A (1 page)
75. In Vitro Tomato Plant Regeneration Revisited: Photomorphogenic Mutants as a Case Study
B Steinitz, A Amitay, Y Tabib, N Gilboa, I Levin. *In Vitro Cellular & Developmental Biology*. Columbia: Spring 2004. Vol. 40; p. 54A (1 page)
76. Tomato Transformation with Mannose Selection: No Implications for Ploidy Level of Transgenic Plants Derived from Different Types of Explants
M Sigareva, R Spivey, Y-F Chang. *In Vitro Cellular & Developmental Biology*. Columbia: Spring 2004. Vol. 40; p. 69A (1 page)
77. Transformation and Expression of Plant Defense Genes in Tomato
Scott C Schaefer, Schuyler S Korban. *In Vitro Cellular & Developmental Biology*. Columbia: Spring 2004. Vol. 40; p. 48A (1 page)
78. Transgenic Tomato Expressing an Arabidopsis Thionin (Thi2.1) Countervails Phytopathogenic Attack and Bears Palatable Fruits
Venkatesh Prasad, Li-Jen Liao, Chiu-Ping Cheng, Yuan-Li Chan, et al. *In Vitro Cellular & Developmental Biology*. Columbia: Spring 2004. Vol. 40; p. 44A (1 page)
79. Triacntanol negatively modulates the jasmonic acid-stimulated proteinase inhibitors in tomato (*Lycopersicon esculentum*)
Krishnamurthy Ramanarayan, Gangadharamurthy Sivakumar Swamy. *Journal of Plant Physiology*. Stuttgart: Apr 2004. Vol. 161, Iss. 4; p. 489 (4 pages)

80. Salicylic Acid Is Part of the Mi-1-Mediated Defense Response to Root-Knot Nematode in Tomato
Craig Branch, Chin-Feng Hwang, Duroy A Navarre, Valerie M Williamson. *Molecular Plant-Microbe Interactions*. St. Paul: Apr 2004. Vol. 17, Iss. 4; p. 351 (6 pages)
81. Acquisition of Tomato spotted wilt virus by Adults of Two Thrips Species
F M de Assis Filho, C M Deom, J L Sherwood. *Phytopathology*. St. Paul: Apr 2004. Vol. 94, Iss. 4; p. 333 (4 pages)
82. The Am Gene Controlling Resistance to Alfalfa mosaic virus in Tomato Is Located in the Cluster of Dominant Resistance Genes on Chromosome 6
Giuseppe Parrella, Andre Moretti, Patrick Gognalons, Marie-Laure Lesage, et al. *Phytopathology*. St. Paul: Apr 2004. Vol. 94, Iss. 4; p. 345 (6 pages)
83. Improve Tomato Fruit Quality
Sieglinde Snapp. *American Vegetable Grower*. Willoughby: Mar 2004. Vol. 52, Iss. 3; p. 14 (2 pages)
84. The effect of *Botrytis cinerea* infection on the antioxidant profile of mitochondria from tomato leaves
Elzbieta Kuzniak, Maria Sklodowska. *Journal of Experimental Botany*. Oxford: Mar 01, 2004. Vol. 55, Iss. 397; p. 605
85. Field Evaluation of Tomato spotted wilt virus Resistance in Transgenic Peanut (*Arachis hypogaea*)
H Yang, P Ozias-Akins, A K Culbreath, D W Gorbet, et al. *Plant Disease*. St. Paul: Mar 2004. Vol. 88, Iss. 3; p. 259 (6 pages)
86. A Novel Endo-[beta]-Mannanase Gene in Tomato LeMAN5 Is Associated with Anther and Pollen Development
Sergei A Filichkin, Jeffrey M Leonard, Alvaro Monteros, Po-Pu Liu, Hiroyuki Nonogaki. *Plant Physiology*. Rockville: Mar 2004. Vol. 134, Iss. 3; p. 1080 (8 pages)
87. New tomato can take the heat
Anonymous. *Resource*. St. Joseph: Mar 2004. Vol. 11, Iss. 2; p. 4 (1 page)
88. HOT SELLER: Doff Tomato Feed
Anonymous. *Horticulture Week*. Teddington: Feb 26, 2004. p. 11 (1 page)
89. Influence of nitrate level on nitrate assimilation in tomato (*Lycopersicon esculentum*) plants under saline stress
Pilar Flores, M Angeles Botella, Antonio Cerda, Vicente Martinez. *Canadian Journal of Botany*. Ottawa: Feb 2004. Vol. 82, Iss. 2; p. 207 (7 pages)
90. Manganese nutrition effects on tomato growth, chlorophyll concentration, and superoxide dismutase activity
Moshe Shenker, Ora E Plessner, Elisha Tel-Or. *Journal of Plant Physiology*. Stuttgart: Feb 2004. Vol. 161, Iss. 2; p. 197 (6 pages)
91. Host-Specific Generation and Maintenance of Tomato bushy stunt virus Defective Interfering RNAs
Rustem T Omarov, Jorge A M Rezende, Herman B Scholthof. *Molecular Plant-Microbe Interactions*. St. Paul: Feb 2004. Vol. 17, Iss. 2; p. 195 (7 pages)
92. Identification and Characterization of a Well-Defined Series of Coronatine Biosynthetic Mutants of *Pseudomonas syringae* pv. *tomato* DC3000
David M Brooks, Gustavo Hernandez-Guzman, Andrew P Kloek, Francisco Alarcon-Chaidez, et al. *Molecular Plant-Microbe Interactions*. St. Paul: Feb 2004. Vol. 17, Iss. 2; p. 162 (13 pages)
93. Effects of Lycopene-beadlet or tomato-powder feeding on carbon tetrachloride-induced hepatotoxicity in rats
Y Kim, R DiSilvestro, S Clinton. *Phytomedicine*. Stuttgart: Feb 2004. Vol. 11, Iss. 2/3; p. 152 (5 pages)
94. Outbreaks of Bacterial Spot Caused by *Xanthomonas gardneri* on Processing Tomato in Central-West Brazil
Alice M Quezado-Duval, Rui P Leite Jr, Daniela Truffi, Luis E A Camargo. *Plant Disease*. St. Paul: Feb 2004. Vol. 88, Iss. 2; p. 157 (5 pages)

95. High Pigment1 Mutation Negatively Regulates Phototropic Signal Transduction in Tomato Seedlings
Ankanagari Srinivas, Rajendra K Behera, Takatoshi Kagawa, Masamitsu Wada, Rameshwar Sharma. *Plant Physiology*. Rockville: Feb 2004. Vol. 134, Iss. 2; p. 790 (11 pages)
96. Graft Union Formation in Tomato Plants: Peroxidase and Catalase Involvement
NIEVES FERNANDEZ-GARCIA, MICAELA CARVAJAL, ENRIQUE OLMOS. *Annals of Botany*. Oxford: Jan 2004. Vol. 93, Iss. 1; p. 53
97. Orientation and drifting behaviour of bumblebees (Hymenoptera: Apidae) in commercial tomato greenhouses
Anna L Birmingham, Mark L Winston. *Canadian Journal of Zoology*. Ottawa: Jan 2004. Vol. 82, Iss. 1; p. 52 (8 pages)
98. Processed Tomato Products as a Source of Dietary Lycopene: Bioavailability and Antioxidant Properties
A Venket Rao. *Canadian Journal of Dietetic Practice and Research*. Markham: Winter 2004. Vol. 65, Iss. 4; p. 161 (5 pages)
99. Municipal Solid Waste (MSW) Compost as a Tomato Transplant Medium
J E Castillo, F Herrera, R J Lopez-Bellido, F J Lopez-Bellido, et al. *Compost Science & Utilization*. Emmaus: Winter 2004. Vol. 12, Iss. 1; p. 86 (7 pages)
100. A New Quality Parameter in Tomato and Tomato Products: Ergosterol
Çetin Kadakal, Nevzat Artik. *Critical Reviews in Food Science and Nutrition*. Boca Raton: 2004. Vol. 44, Iss. 5; p. 349 (3 pages)
101. The histone-like protein H1-S and the response of tomato leaves to water deficit
Gabiella S. Scippa, Michela Di Michele, Elisabetta Onelli, Giuseppe Patrignani, et al. *Journal of Experimental Botany*. Oxford: Jan 01, 2004. Vol. 55, Iss. 394; p. 99
102. Analysis of Mechanisms Involved in the Cucumber mosaic virus Satellite RNA-mediated Transgenic Resistance in Tomato Plants
Fabrizio Cillo, Mariella M Finetti-Sialer, Maria A Papanice, Donato Gallitelli. *Molecular Plant-Microbe Interactions*. St. Paul: Jan 2004. Vol. 17, Iss. 1; p. 98 (11 pages)
103. Host Responses to Transient Expression of Individual Genes Encoded by Tomato leaf curl virus
Luke A Selth, John W Randles, M Ali Rezaian. *Molecular Plant-Microbe Interactions*. St. Paul: Jan 2004. Vol. 17, Iss. 1; p. 27 (7 pages)
104. Survey of the market diseases and aflatoxin contamination of tomato (*Lycopersicon esculentum* MILL) fruits in Sokotok, northwestern Nigeria
S Muhammad, K Shehu, N A Amusa. *Nutrition and Food Science*. Bradford: 2004. Vol. 34, Iss. 2; p. 72
105. Tomatoes & Peppers
Dan Sullivan. *Organic Gardening*. Emmaus: Jan/Feb 2004. Vol. 51, Iss. 1; p. 26
106. The Genetic, Developmental, and Molecular Bases of Fruit Size and Shape Variation in Tomato
Steven D Tanksley. *Plant Cell*. Rockville: 2004. Vol. 16; p. S181 (9 pages)
107. The Tomato Homolog of CORONATINE-INSENSITIVE1 Is Required for the Maternal Control of Seed Maturation, Jasmonate-Signaled Defense Responses, and Glandular Trichome Development(W)
Lei Li, Youfu Zhao, Bonnie C McCaig, Byron A Wingerd, et al. *Plant Cell*. Rockville: Jan 2004. Vol. 16, Iss. 1; p. 126
108. Regulation of K⁺ Transport in Tomato Roots by the TSS1 Locus. Implications in Salt Tolerance
Lourdes Rubio, Abel Rosado, Adolfo Linares-Rueda, Omar Borsani, et al. *Plant Physiology*. Rockville: Jan 2004. Vol. 134, Iss. 1; p. 452 (8 pages)