

PUBLICATIONS

Books Authored or Co-authored: 3

3. **Díaz Pérez, J.C.** 1986. *Manual del Promotor Voluntario en Fruticultura* (Handbook of Fruit Tree Production). Patronato nacional de Promotores Voluntarios, México City, 607 p.
2. **Díaz Pérez, J.C.** 1985. *Manual del Promotor Voluntario en Producción de Hortalizas* (Handbook of Garden Vegetable Production). Patronato nacional de Promotores Voluntarios, México City, 226 p.
1. **Díaz Pérez, J.C.** 1984. *Manual del Promotor Voluntario en Reforestación* (Handbook of Reforestation). Patronato nacional de Promotores Voluntarios, México City, 170 p.

Books Edited or Co-edited: 1

1. Díaz-Pérez, J.C., R. López-Gómez, S. Rodríguez, L. Arau, and C. Cano (eds.). 1998. *Calidad y Manejo Postcosecha de Frutas y Hortalizas* (Postharvest Quality and Handling of Fruit and Vegetables). Center for Development of Biotic Products, I.P.N., Yautepec, Morelos, Mexico. 75 p.

Chapters in Books: 9

9. **Díaz-Pérez, J.C.** 2019. Chap. 8. Transpiration, pp. 157-174. In: *Postharvest Physiology and Biochemistry of Fruits and Vegetables*, E.M. Yahia and A. Carrillo-López (eds.), Woodhead Publishing, Elsevier, Duxford, UK.
8. **Díaz-Pérez, J.C.**, Frederick Reed, and S.C. Phatak. 2011. Meet the no-till research partners. Georgia, 68-69. In: *Organic No-Till Farming*, Moyer, F., Chapter 06. ACRES U.S.A., Austin, TX, U.S. (ISBN 978-1-60173-017-6).
7. **Díaz-Pérez, J.C.**, S.C. Phatak, and J. Silvoy. 2008. Plastic film mulches as a means to modify root-zone temperature and improve crop performance, pp. 331-346. In: *Recent Advancement in Agriculture*, Clauzell, S. and Khan, V.A. (eds.), chapter 13. Research Signpost, Kerala, India. (ISBS: 978-81-308-0222-0).
6. Phatak, S.C. and **J.C. Díaz-Pérez**. 2007. Managing pests with cover crops, pp. 25-33. In: *Managing Cover Crops Profitably*, A. Clark (ed.), Sustainable Agriculture Network, handbook series, book 9, Beltsville, MD (ISBN 978-1-888626-12-4).
5. Bautista-Baños, S., **J.C. Díaz-Pérez**, and R. Villanueva. 2005. Sapote mamey: Postharvest behavior and storage of a valuable tropical fruit, pp. 25-32. In: *Fruits: Growth, Nutrition, and Quality*, R. Dris (ed.), WFL Publisher, Helsinki (ISBN: 952-99555-0-2).
4. Gitaitis, R.D., F.H. Sanders, **J.C. Díaz-Pérez** and R.R. Walcott. 2003. Integrated management of bacterial streak and bulb rot of onion. pp. 443-449. In: N.S. Iacobellis et al. (eds.). *Pseudomonas syringae* and related pathogens. Kluwer Publishers, Dordrecht, The Netherlands. 708 pp.
3. Pérez-Tello, G.O., M.A. Martínez-Téllez, B.O. Briceño, T.I. Vargas-Arispuro, **J.C. Díaz-Pérez**. 1999. Effect of three temperatures of storage on the activities of polygalacturonase and peroxidase in mamey fruits (*Pouteria sapota*). pp. 174-176. In: M. Hagg, R.

Ahvenainen, A.M. Evers, and K. Tiilikkala (eds). Agri-Food Quality II. Quality Management of Fruits and Vegetables. Social Publication No. 229, The Royal Society of Chemistry, Cambridge, UK. ISBN 0-85404-788-3.

2. **Díaz-Pérez, J.C.** and S. Bautista. 1998. Efecto de los factores de precosecha en la calidad y composición de frutas y hortalizas [Quality and composition of fruit and vegetables as affected by preharvest factors], pp. 3-7. In: J.C. Díaz-Pérez, R. López-Gómez, S. Rodríguez, L. Arau, and C. Cano (eds.). Calidad y Manejo Postcosecha de Frutas y Hortalizas (Postharvest Quality and Handling of Fruit and Vegetables). Center for Development of Biotic Products, I.P.N., Yautepec, Morelos, Mexico.
1. Bautista, S. and **J.C. Díaz-Pérez**. 1998. Métodos alternativos para el control de las enfermedades en poscosecha (Alternative control methods of postharvest diseases), pp. 28-33. In: J.C. Díaz-Pérez, R. López-Gómez, S. Rodríguez, L. Arau, and C. Cano (eds.). Calidad y Manejo Postcosecha de Frutas y Hortalizas (Postharvest Quality and Handling of Fruit and Vegetables). Center for Development of Biotic Products, I.P.N., Yautepec, Morelos, Mexico.

Theses/Dissertations: 3

3. **Díaz, Pérez, J.C.** 1994. *Water Relations and Gas Exchange of Tissue Cultured-Apple Shoots during Acclimatization*. Ph. D. Dissertation. University of California, Davis.
2. **Díaz, Pérez, J.C.** 1989. *Water Relations and Fruit Growth of Processing Tomato Grown in the Field*. M.S. Thesis. University of California, Davis.
1. **Díaz-Pérez, J.C.** 1984. *Maize Dwarf Mosaic Virus in Central and South Jalisco State*. Bachelor Thesis. School of Agriculture, University of Guadalajara, Guadalajara, Jalisco, México, 40 p.

Refereed Journal Articles: 79

79. **Díaz-Pérez, J.C.**, K. St. John, M.Y. Kabir, J.A. Alvarado-Chávez, A.M. Cutiño-Jiménez, J. Bautista, G. Gunawati, and S.U. Nambeesan. 2020. Bell pepper (*Capsicum annum* L.) under colored shade nets: Fruit yield, postharvest transpiration, color, and chemical composition. HortScience:181-187.
78. **Díaz-Pérez, J.C.** and K. St. John. 2019. Bell pepper (*Capsicum annum* L.) under colored shade nets: Plant growth and physiological responses. HortScience 54:1795-1801.
77. **Díaz-Pérez, J.C.**, K. St. John, S. Nambeesan, M.Y. Kabir, A.M. Cutiño-Jiménez and J.A. Alvarado-Chávez. 2019. Efecto del color de malla sombra en el rendimiento de chile morrón (*Capsicum annum* L.). Compendio Científico en Ciencias Agrícolas y Biotecnología 1:163-167.
76. **Díaz-Pérez, J.C.**, D. MacLean, S. Goreta, S. Workman, E. Smith, H.S. Sidhu, G. Gunawan, A. Bateman, J. Bautista, W. Lovett, M.J. Špika, G. Dumičić, M. Radunić. 2019. Fruit physical and chemical attributes of pomegranate (*Punica granatum* L.) cultivars grown in humid conditions in Georgia, U.S. HortScience 54:1108-1114.
75. Erickson, M.C., J.-Y. Liao, A.S. Payton, P.W. Cook, H.C. Den Bakker, J. Bautista, and **J.C. Díaz-Pérez**. 2019. Pre-harvest internalization and surface survival of *Salmonella* and

- Escherichia coli* O157:H7 sprayed onto different lettuce cultivars under field and growth chamber conditions. Int. J. Food Microbiol. 291:197-204.
74. Erickson, M.C., J.-Y. Liao, A.S. Payton, P.W. Cook, H.C. Den Bakker, J. Bautista, and **J.C. Díaz-Pérez**. 2019. Survival of *Salmonella enterica* and *Escherichia coli* O157:H7 sprayed onto the foliage of field-grown cabbage plants. J. Food Prot. 82:479-485.
 73. Erickson, M.C., J.Y. Liao, A.S. Payton, P.W. Cook, K. Adhikari, S. Wang, J. Bautista, and **J.C. Díaz-Pérez**. 2019. Efficacy of acetic acid or chitosan for reducing the prevalence of *Salmonella*- and *Escherichia coli* O157:H7-contaminated leafy green plants in field systems. J. Food Prot.:854-861. <https://doi.org/10.4315/0362-028X.JFP-18-347>
 72. García-Santiago, J.C., L.A. Valdez-Aguilar, A.D. Cartmill, D.I. Cartmill, P. Juárez-López, and J.C. Díaz-Pérez. 2019. Subirrigation of container-grown tomato I: Decreased concentration of the nutrient solution sustains growth and yield. Water 11, 2064. doi:10.3390/w11102064.
 71. Liu, D., Y. Cui, R. Walcott, J.C. Díaz-Pérez, V. Tishchenko, J. Chen. 2019. Transmission of human enteric pathogens from artificially-inoculated flowers to vegetable sprouts/seedlings developed via contaminated seeds. Food Control 99:21-27.
 70. Sidhu, H.S., **J.C. Díaz-Pérez**, and D. MacLean. 2019. Controlled atmosphere storage for pomegranates (*Punica granatum* L.): Benefits over regular air storage. HortScience 54:1061-1066. <https://doi.org/10.21273/HORTSCI113796-19>
 69. **Díaz-Pérez, J.C.**, J. Bautista, A. Bateman, G. Gunawati, and C. Riner. 2018. Sweet onion (*Allium cepa* L.) as influenced by organic fertilization rate: 1. Plant growth, and leaf and bulb mineral composition. HortScience 53:451-458.
 68. **Díaz-Pérez, J.C.**, J. Bautista, A. Bateman, G. Gunawati, and C. Riner. 2018. Sweet onion (*Allium cepa* L.) as influenced by organic fertilization rate: 2. Bulb yield and quality before and after storage. HortScience 53:459-464.
 67. Dumičić, G., **J.C. Díaz-Pérez**, H.S. Sidhu, B. Urlić, and S. Goreta Ban. 2018. Morphological and physiological changes of *Brassica oleracea Acephala* Group seedlings as affected by ion and salt stress. Agric. Conspec. Sci. 82:341-344.
 66. Erickson, M.C., J.Y. Liao, and A.S. Payton, H. den Bakker, J. Bautista, and **J.C. Díaz-Pérez**. 2018. Fate of enteric pathogens in different spinach cultivars cultivated in growth chamber and field systems. Food. Quality Safety 2:221-228. DOI:10.1093/fqsafe/fyy020
 65. Erickson, M.C., J.Y. Liao, A.S. Payton, P.W. Cook, J. Bautista, and **J.C. Díaz-Pérez**. 2018. Disposition of *Salmonella* and *Escherichia coli* O157:H7 following spraying of contaminated water on cucumber fruit and flowers in the field. J. Food Prot. 81:2074-2081. DOI: 10.4315/0362-028X.JFP-18-344
 64. Quansaj, J.K., A.P.H. Kunadu, F.K. Saalia, **J.C. Díaz-Pérez**, and J. Chen. 2018. Microbial quality of leafy green vegetables grown or sold in Accra metropolis, Ghana. Food Control 86:302-309.
 63. Najafabadi, M.Y., F. Soltani, H. Noory, and **J.C. Díaz-Pérez**. 2018. Growth, yield and enzyme activity response of watermelon accessions exposed to irrigation water deficit. Int. J. Veg. Sci. <https://doi.org/10.1080/19315260.2017.1419329>
 62. **Díaz-Pérez, J.C.**, and E. Smith. 2017. Training of growers and extension agents in the Dominican Republic on managing heat stress of bell pepper (*Capsicum annum* L.) grown in high tunnels. HortScience 52:1148-1150.

61. **Díaz-Pérez, J.C.**, and J.E. Hook. 2017. Plastic-mulched bell pepper (*Capsicum annum* L.) plant growth and fruit yield and quality as influenced by irrigation rate and calcium fertilization. *HortScience* 52:774-781.
60. **Díaz-Pérez, J.C.**, K. Jenkins, and D. Pitchay. 2017. Detrimental effects of blood meal and feather meal in tomato (*Solanum lycopersicon* L.) seed germination. *HortScience* 52:138-141.
59. **Díaz-Pérez, J.C.**, M. Bautista, A. Bateman, G. Gunawati, and C. Riner. 2016. Sweet onion (*Allium cepa* L.) plant growth and bulb yield and quality as affected by potassium and sulfur fertilization rates. *HortScience* 51:1592-1595.
58. **Díaz-Pérez, J.C.** 2015. Eggplant (*Solanum melongena* L.) plant growth and fruit yield as affected by drip irrigation rate. *HortScience* 50:1709-1714.
57. Rodríguez Padrón, R.A., A. Swarowsky, R. Rosales Cerquera, C. Urbanetto Nogueira, and **J.C. Díaz-Pérez**. 2015. Supplemental irrigation levels in bell pepper under shade mesh and in open-field: crop coefficient, yield, fruit quality, and water productivity. *Afr. J. Agr. Res.* 10(44): 4117-4125 (<http://www.academicjournals.org/journal/AJAR/article-abstract/EC9F86656025>).
56. Radunić, M., M. Jukić Špika, S. Goreta Ban, J. Gadže, **J.C. Díaz-Pérez**, and D. MacLean. 2015. Physical and chemical properties of pomegranate (*Punica granatum* L.) fruit accessions from Croatia. *Food Chem.* 177: 53-60.
55. Wu, T., H. Milner, **J.C. Díaz-Pérez**, and P. Ji. 2015. Effects of soil management practices on soil microbial communities and development of southern blight in vegetable production. *Appl. Soil. Ecol.* 91:58-67.
54. **Díaz-Pérez, J.C.** 2014. Bell pepper (*Capsicum annum* L.) crop as affected by shade level: Fruit yield, quality, postharvest attributes, and incidence of Phytophthora blight (caused by *Phytophthora capsici* Leon.). *HortScience* 49: 891-900.
53. Erickson, M.C., C.C. Webb, **J.C. Díaz-Pérez**, L.E. Davey, A.S. Payton, I.D. Flitcroft, S.C. Phatak, and M.P. Doyle. 2014. Absence of internalization of *Escherichia coli* O157:H7 into germinating tissue of field-grown leafy greens. *J. Food Prot.* 77:189-196.
52. Azad, A.K., K. Ishikawa, **J.C. Díaz-Pérez**, T. El-Jaoual Eaton, and N. Takeda. 2013. Growth and development of komatsuna (*Brassica rapa* L. Nothovar) in NFT (nutrient film technique) system, as influenced by natural mineral. *Agr. Sci.* 4:1-7.
51. **Díaz-Pérez, J.C.** 2013. Bell pepper (*Capsicum annum* L.) crop as affected by shade level: Microenvironment, plant growth, leaf gas exchange and leaf mineral nutrient concentration. *HortScience* 48:175-182.
50. Erickson, M.C., C.C. Webb, **J.C. Díaz-Pérez**, L.E. Davey, A.S. Payton, I.D. Flitcroft, S.C. Phatak, and M.P. Doyle. 2013. Internalization of *Escherichia coli* O157:H7 following spraying of cut shoots when leafy greens are regrown for a second crop. *J. Food Prot.* 76: 2052-2056.
49. **Díaz-Pérez, J.C.**, J. Silvoy, and J. Bautista. 2012. Plastic film mulch color and root zone temperature effects on yield of seedless watermelon (*Citrullus lanatus*). *Plasticulture* 131:57-62.
48. Skinner, E.M., **J.C. Díaz-Pérez**, S. Phatak, H.H. Schomberg, and W. Vencill. 2012. Allelopathic effects of sunnhemp (*Crotalaria juncea* L.) on germination of vegetable and weeds. *HortScience* 47:138-142.

47. **Díaz-Pérez, J.C.** 2010. Bell pepper (*Capsicum annum* L.) grown on plastic film mulches: Effects on crop microenvironment, physiological attributes, and fruit yield. *HortScience*: 45:1196-1204.
46. Erickson, M.C., C. C. Webb, **J.C. Díaz-Pérez**, S.C. Phatak, J. Silvoy. 2010. Infrequent internalization of *Escherichia coli* O157:H7 into field grown leafy greens. *J. Food Protection* 73: 500–506.
45. Erickson, M.C., C.C. Webb, **J.C. Díaz-Pérez**, S.C. Phatak, J. Silvoy, L. Davey, A.S. Payton, J. Liao, L. Ma, and M.P. Doyle. 2010. Surface and internalized *Escherichia coli* O157:H7 on field-grown spinach and lettuce treated with spray-contaminated irrigation water. *J. Food Protection*. 73: 1023-1029.
44. **Díaz-Pérez, J.C.** 2009. Root zone temperature, plant growth, and yield of broccoli [*Brassica oleracea* (Plenck) var. *italica*] as affected by plastic film mulches. *Sci. Hort.* 123:156-163.
43. López-Gómez, R., J.L. Cabrera-Ponce, L.J. Saucedo-Arias, L. Carreto-Montoya, R. Villanueva-Arce, **J.C. Díaz-Pérez**, M.A. Gómez-Lim, and L. Herrera-Estrella. 2009. Ripening in papaya fruit is altered by ACC oxidase cosuppression. *Transgenic research* 18:89-97 (<http://dx.doi.org/10.1007/s11248-008-9197-0>).
42. Boyhan, G.E., **J.C. Díaz-Pérez**, C. Hopkins, R.L. Torrance, and C.R. Hill. 2008. Direct seeding short-day onions in southeastern Georgia. *HortTechnology* 18:349-355. (Participated in the planning, field activities, and writing. Effort = 25%).
41. **Díaz-Pérez, J.C.** 2008. Bell pepper plant growth, gas exchange, mineral nutrition, phytophthora blight, fruit yield, and postharvest fruit decay as affected by harpin protein. *Communications in Soil Science and Plant Analysis* 39 (19):2861-2872.
40. Gaytán-Mascorro, A., J.Z. Castellanos-Ramos, S. Villalobos-Reyes, **J.C. Díaz-Pérez**, and F. Camacho-Ferre. 2008. Response of grafted tomato plants (*Lycopersicon esculentum* Mill) to leaf pruning and nutrient solution concentration. *International Journal of Food, Agriculture & Environment* 6 (3&4):269-277. (Participated in the planning and writing. Effort = 15%).
39. **Díaz-Pérez, J.C.**, R. Gitaitis, and B. Mandal. 2007. Effects of plastic mulches on root zone temperature and on the manifestation of tomato spotted wilt symptoms and yield of tomato. *Scientia Horticulturae* 114:90-95.
38. **Díaz-Pérez, J.C.**, M.D. Muy-Rangel, A. Gaytán-Mascorro. 2007. Fruit size and stage of ripeness affect postharvest water loss in bell pepper fruit (*Capsicum annum* L.). *J. Sci. Food Agric.* 87: 68-73.
37. García-Suárez, F., L. Carreto-Montoya, R. Cárdenas-Navarro, **J.C. Díaz-Pérez**, R. López-Gómez. Pitaya (*Stenocereus stellatus*) fruit growth is associated to wet season in Mexican dry tropic. 2007. *Phyton (International J. of Exp. Bot.)* 76:19-26. (Participated in the planning, data interpretation and writing. Effort = 15%).
36. Monfort, W.S., A.S. Csinos, J. Desaegeer, K. Seebold, T.M. Webster. and **J.C. Díaz-Pérez**. 2007. Evaluating Brassica species as an alternative control measure for root-knot nematode (*M. incognita*) in Georgia vegetable plasticulture. *Crop Protection* 26:1359-1368.
35. Schomberg, H.H., N.L. Martini, **J.C. Díaz-Pérez**, S.C. Phatak, K.S. Balkcom, and H.L. Bhardwaj. 2007. Potential for using sunn hemp as a source of biomass and nitrogen for the

- Piedmont and Coastal Plain regions of the Southeastern USA. *Agron J.* 99: 1448-1457. (Participated in the planning, data interpretation and writing. Effort = 20%).
34. **Díaz-Pérez, J.C.**, S.C. Phatak, D. Guidings, D. Bertrand, and H.A. Mills. 2005. Root zone temperature, plant growth, and fruit yield of tomatillo as affected by plastic film mulch. *HortScience* 40: 1312-1319.
 33. Russo, V.M., and **J.C. Díaz-Pérez**. 2005. Kaolin-based particle film has no effect on physiological measurements, disease incidence or yield in peppers. *HortScience* 48:98-101. (Participated in the Georgia component of the article. Effort = 45%).
 32. Muy Rangel D., J. Siller-Cepeda, **J. Díaz-Pérez**, and B. Valdez Torres. 2004. Las condiciones de almacenamiento y el encerado afectan el estado hídrico y la calidad poscosecha de mango [Wax application and storage conditions modify the water status and quality of mango fruit]. *Revista Fitotecnia Mexicana* 27(2): 201-209. [**Graduate student paper**].
 31. Muy Rangel D., J. Siller-Cepeda, **J. Díaz-Pérez**, and B. Valdez Torres. 2004. Efecto de las condiciones de almacenamiento y el encerado en el estatus hídrico y la calidad poscosecha de pepino de mesa [Effect of storage conditions and waxing on the water status and postharvest quality of cucumber]. *Revista Fitotecnia Mexicana* 27(2):157-165. [**Graduate student paper**].
 30. **Díaz-Pérez, J.C.**, W.M. Randle, G. Boyhan, R.W. Walcott, D. Giddings, D. Bertrand, H.F. Sanders, and R.D. Gitaitis. 2004. Effects of mulch and irrigation system on sweet onion: I. Bolting, plant growth, and bulb yield and quality. *J. Amer. Soc. Hort. Sci.* 129:218-224.
 29. Gitaitis, R.D., R.W. Walcott, H.F. Sanders, L. Zolobowska, and **J.C. Díaz-Pérez**. 2004. Effects of mulch and irrigation system on sweet onion: II. The epidemiology of center rot. *J. Amer. Soc. Hort. Sci.* 129:225-230.
 28. Bautista-Baños, S., **J.C. Díaz-Pérez**, L.L. Barrera-Necha, and L. Bravo-Luna. 2003. Estudio de postcosecha de ciruela roja (*Spondias purpurea* L.) durante el almacenamiento [Postharvest study of red-mombin (*Spondias purpurea* L.) fruit during storage]. *Revista Iberoamericana de Tecnología Postcosecha* 5:82-85.
 27. **Díaz-Pérez, J.C.**, K.D. Batal, D. Granberry, D. Bertrand, D. Giddings, and H. Pappu. 2003. Growth and yield of tomato on plastic film mulches as affected by tomato spotted wilt virus. *HortScience* 38:395-399.
 26. **Díaz-Pérez, J.C.**, S. Bautista, R. Villanueva, and R. López-Gómez. 2003. Modeling the ripening of sapote mamey [*Pouteria sapota* (Jacq.) H. E. Moore and Stearn] fruit at various temperatures. *Postharvest Biol. Technol.* 28:199-202.
 25. **Díaz-Pérez, J.C.**, A.C. Purvis, and J.T. Paulk. 2003. Bolting, yield, and bulb decay of sweet onion as affected by nitrogen fertilization. *J. Amer. Soc. Hort. Sci.* 128:144-149.
 24. Gitaitis, R.D., R.R. Walcott, M.L. Wells, **J.C. Díaz-Pérez**, and F.H. Sanders. 2003. Transmission of *Pantoea ananatis*, causal agent of center rot of onion, by tobacco thrips, *Frankliniella fusca*. *Plant Dis.* 87:675-678.
 23. Bautista-Baños, S., **J.C. Díaz-Pérez**, and L.L. Barrera-Necha. 2002. Postharvest fungal rots of sapote mamey *Pouteria sapota* (Jacq.) H.E. Moore & Stearn. *Postharvest Biol. Technol.* 24:197-200.
 22. **Díaz-Pérez, J.C.**, and K.D. Batal. 2002. Colored plastic film mulches affect tomato growth and yield via changes in root zone temperature. *J. Amer. Soc. Hort. Sci.* 127:127-135.

21. Walcott, R.R., R.D. Gitaitis, A.C. Castro, F.H. Sanders, Jr., and **J.C. Díaz-Pérez**. 2002. Natural infestation of onion seed by *Pantoea ananatis*, causal agent of center rot. *Plant Dis.* 86:106-111.
20. **Díaz-Pérez, J.C.**, A. Mejía, S. Bautista, R. Zavaleta, R. Villanueva, and R. López-Gómez. 2001. Response of sapote mamey [*Pouteria sapota* (Jacq.) H. E. Moore & Stearn] fruit to hot water treatments. *Postharvest Biol. Technol.* 22:159-167. 20.
19. Granberry, D.M., W.T. Kelley, D.B. Langston, K.S. Rucker, and **J.C. Díaz-Pérez**. 2001. Testing compost value on pepper plants. *BioCycle* 42(10):60-62.
18. Ibarra, L., J.M. Fernández-Brondo, J. Murguía López, S.A. Rodríguez-Herrera, **J.C. Díaz-Pérez**, J.L. Hernández Mendoza, and J. Farías Larios. 2001. Análisis del crecimiento en melón y pimiento con acolchado y microtúnel (Growth analysis of muskmelon and bell pepper with mulch and rowcover). *Revista Fitotecnia Mexicana* 24:39-48. [**Graduate student paper**].
17. Ibarra, L., J. Flores, and **J.C. Díaz-Pérez**. 2001. Growth and yield of muskmelon in response to plastic mulch and row covers. *Scientia Hort.* 87:139-145. [**Graduate student paper**].
16. Villanueva, A. R., **J.C. Díaz-Pérez**, and S. Bautista. 2001. Cambios de color y del contenido de sólidos solubles durante el crecimiento y la maduración del fruto de mamey (*Pouteria sapota*). [Changes in color and soluble solids content during the development and ripening of sapote mamey (*Pouteria sapota*)]. *Tecnología de Alimentos* 36:16-19.
15. Bautista-Baños, S., M. Hernández-López, **J.C. Díaz-Pérez**, and C.F. Cano-Ochoa. 2000. Evaluation of the fungicidal properties of plant extracts to reduce *Rhizopus stolonifer* of 'ciruela' fruit (*Spondias purpurea* L.) during storage. *Postharvest Biol. Technol.* 20: 99-106.
14. **Díaz-Pérez, J.C.**, S. Bautista, and R. Villanueva. 2000. Quality changes in sapote mamey fruit during ripening and storage. *Postharvest Biol. Technol.* 18: 67-73.
13. **Díaz-Pérez, J.C.**, and H.R. Pappu. 2000. First report of *tomato spotted wilt virus* infection of tomatillo in Georgia. *Plant Dis.* 84:1155.
12. Ibarra Jiménez, L., J.F. Fernández Brondo, S.A. Rodríguez Herrera, A. Reyes López, **J.C. Díaz-Pérez**, J.L. Hernández Mendoza, and J. Farías Larios. 2000. Influencia del acolchado y microtúnel en el microclima y rendimiento de pimiento morrón y melón (Influence of plastic mulch and row covers on the microclimate and yield of bell pepper and muskmelon). *Revista Fitotecnia Mexicana* 23:1-15. [**Graduate student paper**].
11. López-Gómez, R., **J.C. Díaz-Pérez**, and G. Flores-Martínez. 2000. Vegetative propagation of three species of cacti: Pitaya (*Stenocereus griseus*), Tunillo (*Stenocereus stellatus*) and Jiotilla (*Escontria chiotilla*). *Agrociencia* 34:363-367.
10. Pappu, S.S., H.R. Pappu, D.B. Langston, Jr., J. T. Flanders, D.G. Riley, and **J.C. Díaz-Pérez**. 2000. Outbreak of tomato yellow leaf curl virus (Family Geminiviridae) in Georgia. *Plant Dis.* 84:370.
9. Villanueva-Arce, R., S. Evangelista-Lozano, M.L. Arenas-Ocampo, **J.C. Díaz-Pérez**, and S. Bautista-Baños. 2000. Cambios bioquímicos y físicos durante el desarrollo y postcosecha del mamey [*Pouteria sapota* (Jacq.) H.E. Moore & Stearn)] [Biochemical and physical changes during the development and postharvest of sapote mamey (*Pouteria sapota*) fruit]. *Revista Chapingo Serie Horticultura* 6:63-72.

8. Pérez-Tello, G.O., T.O. Briceño, I. Vargas-Arispuro, **J.C. Díaz-Pérez**, and M.A. Martínez-Téllez. 1999. Actividad de polifenoloxidasas y peroxidasa en frutos de mamey sapote (*Pouteria sapota*) [Activity of polyphenoloxidase and peroxidase in fruit of sapote mamey (*Pouteria sapota*)]. Revista Iberoamericana de Tecnología Postcosecha 1-2:120-125. [Graduate student paper].
7. Villanueva-Arce, R., S. Evangelista-Lozano, M.L. Arenas-Ocampo, **J.C. Díaz-Pérez**, S. Bautista-Baños. 1999. Evaluación de la calidad del jugo de maracuya (*Passiflora edulis*) durante el crecimiento del fruto [Evaluation of the quality of passion fruit (*Passiflora edulis*) juice during fruit development]. Revista Chapingo Serie Horticultura 5:95-101.
6. **Díaz-Pérez, J.C.** 1998. Transpiration rates in eggplant fruit as affected by fruit and calyx size. Postharvest Biol. Technol. 13:45-49.
5. **Díaz-Pérez, J.C.** 1998. Empaque de berenjena (*Solanum melongena* L.) ‘Clásica’ y ‘Japonesa’ con películas de polietileno. [Packaging of ‘Classic’ and ‘Japanese’ eggplant (*Solanum melongena* L.) with polyethylene films]. Agrociencia 32:71-74.
4. **Díaz-Pérez, J.C.**, R. Zavaleta, S. Bautista, and V. Sebastián. 1998. Cambios físico-químicos de ciruela mexicana (*Spondias purpurea* L.) cosechada en dos diferentes estados de madurez [Postharvest physical and chemical changes in ‘Mexican plum’ (*Spondias purpurea* L.) harvested at two ripening stages]. Revista Iberoamericana de Tecnología Postcosecha 1:22-25.
3. **Díaz-Pérez, J.C.**, K.A. Shackel, and E.G. Sutter. 1995. Effect of in vitro-formed roots and acclimatization on water status and gas exchange of tissue-cultured apple shoots. J. Amer. Soc. Hort. Sci. 120:435-440.
2. **Díaz-Pérez, J.C.**, K.A. Shackel, and E.G. Sutter. 1995. Relative water content and water potential of tissue-cultured apple shoots under water deficits. J. Exp. Bot. 46:111-118.
1. **Díaz-Pérez, J.C.**, E.G. Sutter, and K.A. Shackel. 1995. Acclimatization and subsequent gas exchange, water relations, survival and growth of microcultured apple plantlets after transplanting them in soil. Physiol. Plant. 95:225-232.

Refereed Proceedings of Scientific Meetings: 13

13. Deng, Z., W. Castle, G.E. Vallad, S. Agehara, M. Thetford, J.C. Díaz-Pérez. 2019. Pomegranate: an emergent fruit crop in southeast United States? Acta Hort. 1254, 149-156. <https://doi.org/10.17660/ActaHortic.2019.1254.23>
12. **Díaz-Pérez, J.C.**, K. St. John-Pickel, S. Nambesasan, Y.M. Kabir, A.M Cutiño-Jiménez, J.A. Alvarado-Chávez. 2019. Efecto del color de malla sombra en el rendimiento de chile morrón (*Capsicum annum* L.). Compendio Científico en Ciencias Agrícolas y Biotecnología (vol. 1), XXI Congreso Internacional de Ciencias Agrícolas. OmniaScience Publisher SL, Barcelona, Spain, pp. 163-167.
11. **Díaz-Pérez, J.C.** 2019. Light level under shading nets affects bell pepper (*Capsicum annum* L.) fruit mineral nutrients. Acta Hort. 1252:159-161.
10. **Díaz-Pérez, J.C.**, G. Dumicic, J.A. Alvarado-Chavez, and J. Bautista. 2015. Plant growth and yield in sweet corn (*Zea mays convar. saccharata* var. *rugosa*) on colored plastic film mulches. International Congress of Plastics in Agriculture (CIPA), Saltillo, Mexico.
9. Sidhu, H.S., **J.C. Díaz-Pérez**, and D. MacLean. 2012. Harvest maturity and postharvest storage condition effects on pomegranate fruit quality. Options Mediterraneenes, A

- 103:201-204.
8. **Díaz-Pérez, J.C.**, D. MacLean, and P. Ji. 2012. Impact of reduced irrigation rates on fruit yield and quality in seedless watermelon. *Acta Hort.* 958:127-132.
http://www.actahort.org/books/958/958_14.htm
 7. **Díaz-Pérez, J.C.**, S.C. Phatak, J. Ruberson, and R. Morse. 2012. Mulches increase yield and improve weed control in no-till organic broccoli (*Brassica oleracea* var. *Botrytis*). *Acta Hort.* 933:337-342.
 6. **Díaz-Pérez, J.C.**, J. Silvoy, S.C. Phatak, J. Ruberson, and R. Morse. 2008. Effect of winter cover crops and co-till on the yield of organically-grown bell pepper (*Capsicum annum* L.). *Acta Hort.* 767:243-247.
 5. **Díaz-Pérez, J.C.**, D.M. Granberry, and P. Germishuizen. 2008. Transplant growth and stand establishment of bell pepper (*Capsicum annum* L.) plants as affected by compost-amended substrate. *Acta Hort.* 782:223-227.
 4. **Díaz-Pérez, J.C.**, J. Silvoy, S.C. Phatak, D.S. Pitchay, and R. Morse. 2008. Organic tomato transplant production in compost-amended substrate. *Acta Hort.* 782:241-243.
 3. Pitchay D.S. and **J.C. Díaz-Pérez**. 2008. Is it possible to produce healthy organic herbal plug seedlings through different proportions of organic materials? *Acta Hort.* 782:215-222. (Participated in the planning and writing. Effort = 15%).
 2. **Díaz-Pérez, J.C.**, D. Granberry, D. Bertrand, and D. Giddings. 2004. Tomato plant growth during establishment as affected by root zone temperature under colored mulches. *Acta Hort.* 631:119-124.
 1. Sutter, E.G., K. Shackel, and **J.C. Díaz**. 1992. Acclimatization of tissue-cultured plants. *Acta Hort.* 314:115-119.

Bulletins or Reports: 69

69. **Díaz-Pérez, J.C.** 2019. Vidalia onion bulb yield as affected by rate of organic fertilization. . Vidalia Onion Research/Extension Report.
68. da Silva, A.L.B., T. Coolong, and **J.C. Díaz-Pérez**. 2019. Principles of irrigation and scheduling for vegetable crops. Bulletin. University of Georgia. 12 p.
67. Contreras, A. E. Contonwine, and **J.C. Díaz-Pérez**. 2018. The effect of nitrogen on corn smut, insects, and corn yield. B.S. Research Report, Valdosta State University.
66. **Díaz-Pérez, J.C.** 2018. Jalapeno pepper crop as affected by Invigorate and B-Sure Fertilizers. Research Report presented to Agrinos AS.
65. **Díaz-Pérez, J.C.** 2018. Watermelon crop as affected by Invigorate and B-Sure Fertilizers. Research Report presented to Agrinos AS.
64. **Díaz-Pérez, J.C.** 2018. Effect of ‘Haven’ on bell pepper crop. Fall trial. Research Report presented to Marrone Bio Innovations.
63. **Díaz-Pérez, J.C.** 2018. Effect of ‘Haven’ on bell pepper crop. Spring trial. Research Report presented to Marrone Bio Innovations.
62. **Díaz-Pérez, J.C.** 2018. Vidalia Onion Organic Fertilizer. Sustainable Agriculture at UGA, Summer 2018. <http://www.caes.uga.edu/content/dam/caes-website/extension-outreach/commodities/sustainable-agriculture/documents/Summer2018CAESSustainableAgNewsletter.pdf>.

61. **Díaz-Pérez, J.C.** 2017. Bacterial spot incidence and fruit yield in tomato as affected by Regalia and M110. Research Report presented to Marrone Bio Innovations.
60. **Díaz-Pérez, J.C.** 2017. Zucchini plant growth and yield as affected by GroPal A. Research Report presented to AG-USA.
59. **Díaz-Pérez, J.C.** 2017. Effects of Inocucor on Plant Growth and Fruit Yield of Bell Pepper. Research Report presented to Inocucor.
58. **Díaz-Pérez, J.C.** 2016. Plant growth and fruit yield of organic zucchini as affected by rate of organic fertilizer (fall). Research Report presented to Perdue.
58. **Díaz-Pérez, J.C.** 2016. Plant growth and fruit yield of organic zucchini as affected by rate of organic fertilizer (spring). Research Report presented to Perdue.
57. **Díaz-Pérez, J.C.** 2016. Nimitz Application Rates on Lettuce. Research Report presented to ADAMA USA.
56. **Díaz-Pérez, J.C.** 2016. Effects of Inocucor on plant growth and fruit yield of bell pepper. Research Report presented to Inocucor.
55. **Díaz-Pérez, J.C.** 2016. Nematode control with Majestene in bell pepper. Research Report presented to Marrone Bio Innovations.
54. **Díaz-Pérez, J.C.** 2015. Zucchini Fruit Yield and Incidence of Powdery Mildew as Affected by AGM15053 Fungicide. Research Report presented to Winfield.
53. **Díaz-Pérez, J.C.** 2015. Effects of fungicidal treatments on diseases and yield of cucumber. Research Report presented to Marrone Bio Innovations.
52. **Díaz-Pérez, J.C.** 2015. Effects of Marrone insecticidal treatments on tomato plant growth and fruit yield. Research Report presented to Marrone Bio Innovations.
51. **Díaz-Pérez, J.C.** 2015. Cucumber plant physiology and fruit yield as affected by the plant biostimulant MaxCel[®] and the fertilizer magnesium sulfate. 2014/2015 Vegetable Crop Variety Trial and Research Report. Univ. of Georgia Cooperative Extension Annual Publication 115, 43-46.
50. **Díaz-Pérez, J.C.** 2015. Evaluation of slow-release nitrogen fertilizers in seedless watermelon. 2014/2015 Vegetable Crop Variety Trial and Research Report. Univ. of Georgia Cooperative Extension Annual Publication 115, 70-72.
49. **Díaz-Pérez, J.C.** and John Silvoy. 2015. Effect of Nfusion, a slow-release fertilizer, on bell pepper crop. 2014/2015 Vegetable Crop Variety Trial and Research Report. Univ. of Georgia Cooperative Extension Annual Publication 115, 75-77.
48. **Díaz-Pérez, J.C.** 2015. Bell pepper plant growth, gas exchange, and fruit yield as affected by the plant biostimulants Biozyme, Fitobolic, Foltron, and Balance. 2014/2015 Vegetable Crop Variety Trial and Research Report. Univ. of Georgia Cooperative Extension Annual Publication 115, 78-80.
47. **Díaz-Pérez, J.C.** 2015. Bell pepper plant physiology and fruit yield as affected by the plant biostimulant Maxcel[®] and magnesium sulfate fertilizer. 2014/2015 Vegetable Crop Variety Trial and Research Report. Univ. of Georgia Cooperative Extension Annual Publication 115, 81-82.
46. **Díaz-Pérez, J.C.** 2015. Amelioration of crop heat stress and fruit disorders in bell pepper with biostimulants. 2014/2015 Vegetable Crop Variety Trial and Research Report. Univ. of Georgia Cooperative Extension Annual Publication 115, p. 83.

45. **Díaz-Pérez, J.C.** 2015. Bell pepper plant growth and fruit yield as affected by S-ABA concentration and water application rate. 2014/2015 Vegetable Crop Variety Trial and Research Report. Univ. of Georgia Cooperative Extension Annual Publication 115, 84-87.
44. **Díaz-Pérez, J.C.** 2015. Bell pepper plant physiology and fruit yield as affected by the plant biostimulants Maxcel® and VBC-30197. 2014/2015 Vegetable Crop Variety Trial and Research Report. Univ. of Georgia Cooperative Extension Annual Publication 115, 88-90.
43. **Díaz-Pérez, J.C.** 2015. Bell pepper growth as affected by the biostimulants CX-11020 and Screen Duo. 2014/2015 Vegetable Crop Variety Trial and Research Report. Univ. of Georgia Cooperative Extension Annual Publication 115, 91-93.
42. **Díaz-Pérez, J.C.** 2015. Tomato plant growth and fruit yield as affected by the plant biostimulant CX-11020 and irrigation level. 2014/2015 Vegetable Crop Variety Trial and Research Report. Univ. of Georgia Cooperative Extension Annual Publication 115, 96-98.
41. **Díaz-Pérez, J.C.** 2014. Plant yield and vigor responses of cucumber as affected by M106:M110 ratios. Research Report presented to Marrone Bio Innovations.
40. **Díaz-Pérez, J.C.** 2014. Plant yield and vigor of sweet corn treated with M106. Research Report presented to Marrone Bio Innovations.
39. **Díaz-Pérez, J.C.** 2014. Fruit yield and plant vigor responses of tomato as affected by M106:M110 ratios. Research Report presented to Marrone Bio Innovations.
38. **Díaz-Pérez, J.C.**, J. Bautista, N. Bautista, and J.A. Alvarado. 2014. Evaluation of crop biostimulants as a means to reduce crop heat stress in bell pepper. GFVGA Newsletter.
37. Bateman, A. and **Díaz-Pérez, J.C.** 2014. Effect of sulfur dioxide efficiency of controlled atmosphere and ozone storage on postharvest control of *Botrytis allii* in *Vidalia* sweet onions. *Vidalia Onion Annual Report*.
36. **Díaz-Pérez, J.C.** 2014. Bell pepper under shade nets have increased fruit yield and quality, and reduced incidence of *Phytophthora* blight (caused by *Phytophthora capsici* Leon.). UGA Extension Integrated Pest Management Newsletter 1 (Apr.).
35. Dunkley, C., C.W. Ritz, and J.C. Díaz-Pérez. 2014. Cpmpostaje básico para el avicultor. CAES Extension Bulletin, Univ. of Georgia.
34. **Díaz-Pérez, J.C.** 2013. Bell pepper fruit yield disorders as affected by plant biostimulants. Research Report presented to GFVGA.
33. **Díaz-Pérez, J.C.** 2013. Effects of irrigation and fertilization rates on bell pepper fruit yield and fruit disorders. Research Report presented to GFVGA.
32. Smith, E. and **J.C. Díaz-Pérez.** 2013. Highlights from the pomegranate field day in Alma, GA, September 9, 2013. Georgia Pomegranate Growers Association.
31. **Díaz-Pérez, J.C.** 2012. Bell pepper plant growth as affected by the biostimulants CX-11020 and Screen Duo. Research Report presented to Certis.
30. **Díaz-Pérez, J.C.** 2012. Bell pepper plant growth and fruit yield as affected by ABA concentration and water application rate. Research Report presented to Arysta LifeScience NA.
29. **Díaz-Pérez, J.C.** 2012. Bell pepper plant physiology and fruit yield as affected by plant the biostimulants MaxCel® and VBC-30197. Research Report presented to Arysta LifeScience NA.
28. **Díaz-Pérez, J.C.** 2011. Tomato plant growth and fruit yield as affected by plant the biostimulant CX-11020 and Irrigation Level. Research Report presented to Certis.

27. **Díaz-Pérez, J.C.** 2011. Bell pepper plant physiology and fruit yield as affected by plant the biostimulant MaxCel® and the Magnesium Sulfate Fertilizer. Research Report presented to Arysta LifeScience NA.
26. **Díaz-Pérez, J.C.** 2010. Bell pepper plant growth, gas exchange, and fruit yield as affected by plant the biostimulants *Biozyme*, *Fitobolic*, *Foltron*, and *Balance*. Research Report presented to Arysta LifeScience NA.
25. **Díaz-Pérez, J.C.** 2010. Cucumber plant physiology and fruit yield as affected by the plant biostimulant *MaxCel*® and the fertilizer magnesium sulfate. Research Report presented to Valent BioSciences.
24. **Díaz-Pérez, J.C.** 2010. Irrigation in bell pepper: Effects on soil borne diseases, fruit disorders, fruit yield and quality, and fruit storability. Research Report presented to Georgia Commission for Vegetables.
23. **Díaz-Pérez, J.C.**, D. MacLean, and P. Ji. 2010. Effects of irrigation rates on soil moisture content, phytophthora rot, and fruit yield and quality in seedless watermelon (final report). Research Report presented to the National Watermelon Association.
22. **Díaz-Pérez, J.C.** 2010. Bell pepper plant growth, gas exchange, and fruit yield as affected by plant the biostimulant *Pilatus*. Research Report presented to Arysta LifeScience NA.
21. **Díaz-Pérez, J.C.**, D. MacLean, and P. Ji. 2009. Effects of irrigation rates on soil moisture content, phytophthora rot, and fruit yield and quality in seedless watermelon (Report for year 1). Research Report presented to the National Watermelon Association.
20. Bertrand, P., S. Brown, A. Csinos, **J.C. Díaz-Pérez**, R. Gitaitis, L.L. Hickman, A. Johnson, S. LaHue, N. Martinez, R. McPherson, S. Mullis, C. Nischwitz, F. Reay-Jones, D. Riley, J. Sherwood, K. Stevenson, and L. Wells. 2009. Tospoviruses in Solanaceae and Other Crops in the Coastal Plain of Georgia. Bulletin 1354, College of Agr. Env. Sci., Univ. of Ga. 51 p.
19. **Díaz-Pérez, J.C.** and J. Silvoy. 2008. Evaluation of Nfusion fertilizer and application rate in bell pepper. Research Report presented to Georgia Pacific Inc.
18. **Díaz-Pérez, J.C.** 2007. Effect of harpin protein ('Messenger') on bell pepper plant growth, plant disease, and fruit yield. Georgia Vegetable Extension-Research Report. The University of Georgia, College of Agricultural and Environmental Sciences, Research-Extension Pub. No. 7-2007.
17. **Díaz-Pérez, J.C.** and J. Silvoy. 2007. Evaluation of Georgia Pacific Slow-Release Nitrogen Fertilizers in Watermelon. Research Report presented to Georgia Pacific Inc.
16. Brown, S., A. Csinos, **J.C. Díaz-Pérez**, R. Gitaitis, S.S. LaHue, J. Lewis, N. Martinez, R. McPherson, S. Mullis, C. Nischwitz, D. Riley, J. Sherwood, V. Sisson, M.G. Stephenson, L. Wells. 2005. Tospoviruses in Solanaceae and Other Crops in the Coastal Plain of Georgia. Research Report No. 704 (ISSN 0072-128X), College of Agr. Env. Sci., Univ. of Ga. 39 p.
15. **Díaz-Pérez, J.C.** 2005. Disease incidences and yield in bell pepper as affected by Kaolin-based particle film ('Surround'). Georgia Vegetable Extension-Research Report. The University of Georgia, College of Agricultural and Environmental Sciences, Research-Extension Pub. No. 5-2005, pp: 55-60.
14. Gitaitis, R., **J.C. Díaz-Pérez**, and K. Seebold. 2005. Evaluation of double cropping, biofumigation and solarization for management of soilborne pathogens. 2005 Georgia

- Onion Research and Extension Report, The University of Georgia, College of Agricultural and Environmental Sciences, Tifton Campus, pp: 18-23.
13. **Díaz-Pérez, J.C.**, D. Bertrand, D. Giddings, and R. Gitaitis. 2004. Irrigation rate, nitrogen fertilization, and mulch effects on bolting and yield of sweet onion. 2004 Georgia Onion Research and Extension Report, The University of Georgia, College of Agricultural and Environmental Sciences, Tifton Campus, pp: 28-32.
 12. Boyhan, G., **J.C. Díaz-Pérez**, S. Culpepper, R. Torrance, G. Hardison, and R. Hill. 2003. Evaluation of various parameters for direct seeding of Vidalia onions. Georgia Onion 2003 Research-Extension Report. The University of Georgia, College of Agricultural and Environmental Sciences, Tifton Campus, pp:19-23.
 11. **Díaz-Pérez, J.C.**, D. Bertrand, and D. Giddings. 2003. Yield responses of tomatillo (*Physallis ixocarpa* Brot.) grown on colored plastic film mulches in Georgia. Georgia Vegetable Extension-Research Report 2002. The University of Georgia, College of Agricultural and Environmental Sciences, Research-Extension Pub. No. 5-2003, pp:18-19.
 10. **Díaz-Pérez, J.C.**, and R.D. Gitaitis. 2003. Yield of sweet onion as affected by irrigation system and mulch. Georgia Onion 2003 Research-Extension Report. The University of Georgia, College of Agricultural and Environmental Sciences, Tifton Campus, pp:24-27.
 9. Granberry, D.M., P.J. Germishuizen, **J.C. Díaz-Pérez**, and K.C. Das. 2003. Passive composting fails food safety test. Georgia Vegetable Extension-Research Report 2002. The University of Georgia, College of Agricultural and Environmental Sciences, Research-Extension Pub. No. 5-2003, pp:175-178.
 8. Muy-Rangel, D., J. Siller-Cepeda, **J.C. Díaz-Pérez**, R. García-Estrada, T. Osuna-Enciso. 2003. Efecto de las Condiciones de Almacenamiento y el Encerado en el Estatus Hídrico y la Calidad Poscosecha en Frutos de Pepino de Mesa y Mango (Effect of storage conditions and fruit waxing on the water status and postharvest quality of cucumber and mango fruits). Boletín CIAD 12(2):2-3. [**Graduate student paper**].
 7. **Díaz-Pérez, J.C.**, D. Batal, D. Bertrand, and D. Giddings. 2002. Effects of tomato spotted leaf virus on plant growth, yield and fruit quality of drip-irrigated tomato plants. Georgia Extension-Research Report 2001. The University of Georgia, Research-Extension Pub. No. 5-2002, pp:125-128.
 6. **Díaz-Pérez, J.C.**, D. Batal, D. Bertrand, and D. Giddings. 2001. Excessive soil warming affects tomato plants grown over colored mulches. Georgia Vegetable Extension-Research Report 2000. The University of Georgia, College of Agricultural and Environmental Sciences, Research-Extension Pub. No. 5-2001, pp:2-5.
 5. **Díaz-Pérez, J.C.**, R. Gitaitis, D. Batal, W. Randle, K. Harrison, and R. Torrence. 2001. Mulches and drip irrigation in onion: Effect on plant growth and yield. Georgia Onion 2000 Research-Extension Report. The University of Georgia, College of Agricultural and Environmental Sciences, Tifton Campus, pp:22-23.
 4. Gitaitis, R.D., **J.C. Díaz-Pérez**, S. Culpepper, A.C. Purvis, R.R. Walcott, D.B. Langston, and D.G. Riley. 2000. Bacteriology Report. Georgia Onion 1999 Research-Extension Report. The University of Georgia, College of Agricultural and Environmental Sciences, Tifton Campus. pp. 9-17.
 3. Granberry, D.M., W.T. Kelley, D.B. Langston, Jr., **J.C. Díaz-Pérez**, and K.S. Rucker. 2001. Increase bell pepper yields with compost-amended transplant media. Georgia

- Vegetable Extension-Research Report 2000. The University of Georgia, College of Agricultural and Environmental Sciences, Research-Extension Pub. No. 5-2001, pp:39-
2. **Díaz-Pérez, J.C.**, and R.D. Gitaitis. 2000. Sweet onion production with drip irrigation and soil mulches: Effects on incidence of bacterial diseases, yield and bulb quality. Georgia Onion 1999 Research-Extension Report. The University of Georgia, College of Agricultural and Environmental Sciences, Tifton Campus. p. 8.
 1. García, R., J. Siller, D. Muy, M. Baez, E. Araiza, **J.C. Díaz-Pérez**, R. Avena, and B. Heredia. 1997. La pudrición blanda afecta la calidad y la vida postcosecha de la berenjena (Soft rot affects the quality and shelf life of eggplant). Boletín CIAD 5(4):4-5.

Nonrefereed Articles and Proceedings of Scientific Meetings: 49

49. Díaz-Pérez, J.C. 2019. Protected Crops - Sustainable agricultural production and efficient plasticulture. *Plasticulture* 138:66-67.
48. Díaz-Pérez, J.C., A.M. Cutiño Jiménez, and J. Bautista. 2019. Efectos de la tasa de fertilización orgánica nitrogenada en el rendimiento de fruto de calabacita (*Cucurbita pepo* L.). Soc. Mex. Ciencias Hort. Conf. Uruapan, Mich., Mexico. Book of Abstracts. 3 p.
47. Cutiño-Jiménez, A.M., J.C. Díaz Pérez, and L. Barrera-Roca. 2019. Insercion en proteina distingue a bacterias de importancia agrícola de la familia *Xanthomonadaceae*. Convencion Internacional Ciencia y Conciencia, Santiago de Cuba, 23-26 Apr.
46. Cutiño-Jiménez, A.M., I.E. Pardo-Cobo, **J.C. Díaz-Pérez**, and L. Barrera-Roca. 2018. Marcadores moleculares en bacterias de importancia agrícola de la familia *Xanthomonadaceae*. XXI Congreso Internacional en Ciencias Agrícolas. Mexicali, Baja California, México, 25-26 Oct. Book of Proceedings.
45. **Díaz-Pérez, J.C.**, K. St. John-Pickel, S.U. Nambesasan, M.Y. Kabir, A.M. Cutiño-Jiménez, J.A. Alvarado-Chávez, and J. Bautista. 2018. Influencia del color de la malla sombra en el rendimiento de chile morrón (*Capsicum annum* L.). XXI Congreso Internacional en Ciencias Agrícolas. Mexicali, Baja California, México, 25-26 Oct. Book of Proceedings.
44. **Díaz-Pérez, J.C.** and J. Bautista. 2017. Efectos del cultivar y del color del acochado en el rendimiento de chile poblano (*Capsicum annum* L.). III Congreso Internacional de la Sociedad Mexicana de Ciencias Hortícolas. Nuevo Vallarta, Mexico, 3-8 Sept. Book of Proceedings.
43. Díaz-Pérez, J.C. and J. Bautista. 2016. Influencia del cultivar y del color del acolchado en el rendimiento de chile poblano (*Capsicum annum*). Proceedings, 13a. Convención Mundial del Chile, 22-24 Oct., Chetumal, Q.R., México.
42. **Díaz-Pérez, J.C.**, G. Dumicic, J.A. Alvarado-Chavez, and J. Bautista. 2015. Plant growth and yield in sweet corn (*Zea mays* convar. *saccharata* var. *rugosa*) on colored plastic film mulches. Proceedings. International Congress of Plastics in Agriculture (CIPA), Saltillo, México, 28-30 Oct.
41. **Díaz-Pérez, J.C.** 2014. Producción de hortalizas bajo plasticultura: Implicaciones entre el rendimiento y el medio ambiente. XVII Congreso Internacional en Ciencias Agrícolas 9-10 Oct., Mexicali, B.C., Mexico.
40. **Díaz-Pérez, J.C.** and J. Bautista. 2014. Tecnologías para aumentar la productividad y calidad del cultivo del chile. 4o. Foro para Productores de Chile, Zacatecas, Zac., Mexico.
39. **Díaz-Pérez, J.C.** and J. Bautista. 2014. Manejo postcosecha de frutos de chile (*Capsicum*

- annum* L.) para mercados de exportación. 4o. Foro para Productores de Chile, Zacatecas, Zac., Mexico.
38. **Díaz-Pérez, J.C.** 2013. Bell pepper (*Capsicum annum* L.) fruit mineral nutrients as affected by shade level. International Plant Nutrition Colloquium and Boron Satellite Meeting Proceedings Book, pp 599-600, Sabanci University, Istanbul. ISBN 978--605---4348---62---6. Retrieved from <http://www.plantnutrition.org/en/2013ipnc---b---proceedings.html>.
 37. Pitchay, D., R. Mikkelsen, S. Kennedy, G. Vijayan, and **J.C. Díaz-Pérez.** 2013. Coffee (*Coffea arabica*) foliar tissue standards and critical values, and visual macro and microelements deficiency symptoms. International Plant Nutrition Congress, 17-18 Istanbul, Turkey, 17-18 Aug. <http://www.plantnutrition.org/files/downloads/2013ipnc-b-proceedings.pdf>.
 36. *Sidhu, H.S., **J.C. Díaz-Pérez,** and D. MacLean. 2011. Harvest maturity and postharvest storage condition effects on pomegranate fruit quality. Proc. II International Symposium on the Pomegranate, Madrid, Spain, 19-21 Oct.
 35. **Díaz-Pérez, J.C.,** R. Srinivasan, and G. Boyhan. 2010. Efectos de la sombra en el microclima, y el rendimiento y calidad de chile dulce (*Capsicum annum* L.) (Effects of shading on the microclimate and the yield and quality of bell pepper). Proc. XII Congress of the CIDAPA [Comité Iberoamericano para el desarrollo y aplicación de los plásticos en la agricultura (Interamerican Committee for the Development and Applications of Plastics in Agriculture)], Santo Domingo, Dominican Republic.
 34. **Díaz-Pérez, J.C.** 2010. Los acolchados plásticos y sus beneficios para aminorar el estrés y aumentar la sostenibilidad de los cultivos hortícolas. 7th. World Pepper Convention, Aguascalientes, Mexico, June 13-15, 5 p.
 33. **Díaz-Pérez, J.C.,** and D. Pitchay. 2010. Fruit yield in bell pepper as influenced by plastic film mulches of various colors. Proc. Natl. Agr. Plastics Cong. 36:1-6.
 32. **Díaz-Pérez, J.C.** and J. Bautista. 2010. Soil nitrogen, leaf nitrogen, and fruit yield in bell pepper (*Capsicum annum* L.) as affected by fertilization with a slow release nitrogen fertilizer. Proc. 2010 Ga. Veg. Conf. 5 p.
 31. **Díaz-Pérez, J.C.** and R. Gitaitis. 2009. Plastic mulch-induced heat stress in tomato affects the manifestation of Tomato spotted wilt symptoms and yield in tomato. Proc. 2009 Ga. Veg. Conf.
 30. **Díaz-Pérez, J.C.,** J. Silvoy, and J. Bautista. 2009. Plastic Film Mulch Color and Root Zone Temperature Effects on Yield of Seedless Watermelon (*Citrullus lanatus*). XVIII Intl. Cong. of the CIPA (Intl. Comm. Plastics in Agriculture), 23-25 Nov. 2009, Almería, Spain.
 29. **Díaz-Pérez, J.C.,** J. Silvoy, and J. Bautista. 2009. Shading levels affect bell pepper fruit yield. Proc. Natl. Agr. Plastics Cong. 35:1-7.
 28. **Díaz-Pérez, J.C.,** and J. Hook. 2009. Drip irrigation levels affect plant growth and yield of bell pepper. Proc. 2009 Georgia Water Resources Conference, held April 27–29, 2009, at the University of Georgia (http://www.gwri.gatech.edu/uploads/proceedings/2009/3.3.4_Diaz-Perez.pdf).
 27. Boyhan, G., **J.C. Díaz-Pérez,** C. Riner, R. Hill, and D. Thigpen. 2008. Evaluation of bell pepper and tomato varieties with and without shade. Proc. 2008 Ga. Veg. Conf.
 26. **Díaz-Pérez, J.C.** 2008. La modificación de la temperatura de la zona radical mediante el

- uso de películas de acolchado plástico y sus aplicaciones para incrementar la productividad de los cultivos hortícolas. Proc. X Congress of the CIDAPA [Comité Iberoamericano para el desarrollo y aplicación de los plásticos en la agricultura (Interamerican Committee for the Development and Applications of Plastics in Agriculture)].
25. **Díaz-Pérez, J.C.**, S.C. Phatak, J. Ruberson, J. Silvoy, and R. Morse. 2008. Utilization of mulches increase yield and improve weed control in no-till organic broccoli. *In* D.M. Endale (ed.) Proc. 30th Southern Conserv. Agric. Syst. Conf. and 8th Ann. Georgia Conserv. Prod. Syst. Trng. Conf., Tifton, Georgia, July 29-31, 2008. <http://www.ag.auburn.edu/auxiliary/nsdl/scasc/>.
 24. **Díaz-Pérez, J.C.** and J. Silvoy. 2008. Eggplant (*Solanum melongena*) yield on black and white plastic mulches. Proc. 2008 Ga. Veg. Conf.
 23. **Díaz-Pérez, J.C.** and J. Silvoy. 2008. Eggplant (*Solanum melongena*) growth and yield as influenced by colored plastic mulches. Proc. Natl. Agr. Plastics Cong. 34.
 22. **Díaz-Pérez, J.C.** 2007. Producción de chile dulce (*Capsicum annum* L.) con acolchado plástico de colores [Bell pepper (*Capsicum annum* L.) production on colored plastic mulches]. Proc. IX Congress of the CIDAPA (Comité Iberoamericano para el desarrollo y aplicación de los plásticos en la agricultura (Interamerican Committee for the Development and Applications of Plastics in Agriculture)].
 21. **Díaz-Pérez, J.C.**, J. Silvoy. 2006. Broccoli [*Brassica oleracea* (Plenck) var. *italica*] growth and yield as affected by colored mulches. Proc. Natl. Agr. Plastics Cong. 33.
 20. **Díaz-Pérez, J.C.**, J. Silvoy. 2006. Broccoli production on colored plastic mulches. Proc. 2006 Ga. Veg. Conf. p. 97.
 19. Monfort, W.S., A.S. Csinos, J. Desaegeer, K. Seebold, T.M. Webster, and **J.C. Díaz-Pérez**. 2006. *Brassica* species: Biocontrol for root-knot nematodes in Georgia vegetable plasticulture. Proc. Methyl Bromide Alternatives Conf. pp: 55-1.
 18. Monfort, W.S., A.S. Csinos, J. Desaegeer, K. Seebold, T.M. Webster, and **J.C. Díaz-Pérez**. 2006. *Brassica* species: Biocontrol for soilborne pathogens in Georgia vegetable plasticulture. Proc. Methyl Bromide Alternatives Conf. pp: 54-1 to 54-2.
 17. **Díaz-Pérez, J.C.** 2005. Tomatillo (*Physalis ixocarpa* Brot. ex Hornem) cultivado con acolchado plástico de colores: Efectos en temperatura de la zona radical, crecimiento de planta y rendimiento. Memorias del XI Congreso Nacional de la Sociedad Mexicana de Ciencias Hortícolas.
 16. **Díaz-Pérez, J.C.**, S.C. Phatak, D. Giddings, and D. Bertrand. 2005. Tomatillo (*Physallis ixocarpa* Brot. Ex. Hornem) plant growth and fruit yield as affected by colored plastic film mulches. Proc. Natl. Agr. Plastics Cong. 32. 142-148.
 15. **Díaz-Pérez, J.C.** and A. Purvis. 2005. Bolting of sweet onions is affected by nitrogen fertilization and mulch. Proc. 2005 Ga. Veg. Conf. pp. 27-30.
 14. Martini, N.L, H.H. Schomberg, S.C. Phatak, and **J.C. Díaz-Pérez**. 2004. Biomass accumulation of 'GA Bush' velvetbean on the Piedmont and Coastal Plain of Georgia. In: D.L. Jordan and D.F. Caldwell (eds.). Proc. 26th Southern Conservation Tillage Conf. for Sustainable Agriculture pp:67-75. North Carolina Agr. Res. Serv. Tech. Bul. No. TB-321 (<http://www.ag.auburn.edu/nsdl/sctcsa>). [Graduate student paper].
 13. **Díaz-Pérez, J.C.**, D. Giddings, and D. Bertrand. 2004. Plant growth and fruit yield of drip-irrigated bell pepper as affected by irrigation levels. Proc. 2004 Ga. Veg. Conf. p.117.
 12. **Díaz-Pérez, J.C.** 2003. Plastic film mulches as a means to modify root zone temperature

- and delay the appearance of tomato spotted wilt virus in tomato. Proc. Natl. Agr. Plastics Cong. 31:119-123.
11. **Díaz-Pérez, J.C.**, D. Granberry, D. Giddings, and D. Bertrand. 2003. Do we understand how plastic mulches work? Effect of soil-warming ability of plastic mulches on tomato plant growth and fruit yield. Proc. 2003 Ga. Veg. Conf. pp. 97-100.
 10. **Díaz-Pérez, J.C.**, D. Granberry, B.M. Mandal, D. Bertrand, D. Giddings. 2002. Plant growth and yield of tomato grown on colored mulches as affected by the time of appearance of symptoms of tomato spotted wilt virus. Proc. Natl. Agr. Plastics Cong. 30:149-154.
 9. **Díaz-Pérez, J.C.**, R.R. Gitaitis, D. Batal, W. Randle, K. Harrison, and R. Torrence. 2001. Sweet onion growth and yield as affected by mulches and drip irrigation. Proc. 2001 Ga. Veg. Conf. pp. 16-20.
 8. Granberry, D.M., W.T. Kelley, D.B. Langston, Jr., **J.C. Díaz-Pérez**, and K.S. Rucker. 2001. Bell pepper transplants grown in compost-amended media out-yield transplants grown in conventional media. Proc. 2001 Ga. Veg. Conf. pp. 61-62.
 7. **Díaz-Pérez, J.C.**, D. Batal, D. Bertrand, and D. Giddings. 2000. Colored plastic mulches affect tomato plant growth and yield via changes in soil temperature. Proc. Intl. Cong. Plast. Agric. 15:544-552.
 6. Ibarra-Jimenez, L., J. Flores-Velasques, **J. Díaz-Pérez**, and J. Farías-Larios. 2000. Influence of soil mulch and row cover-tunnels on growth and yield of muskmelon. Proc. Intl. Cong. Plast. Agric. 15:442-449. [**Graduate student paper**].
 5. **Díaz-Pérez, J.C.** 1999. Vegetable Production: The Mexican perspective. Proc. Ga. Veg. Conf. pp. 7-9.
 4. Ibarra-Jiménez, L., J. Flores-Velásquez, **J.C. Díaz-Pérez**, and J. Fernández-Brondo. 1999. Growth and yield of muskmelon in response to plastic mulch and row-cover tunnels. Proc. Natl. Agric. Plast. Cong. 28:122-127. [**Graduate student paper**].
 3. Bautista S., **J.C. Díaz-Pérez**, S. Evangelista, and R. Villanueva. 1997. Use of natural compounds to reduce postharvest diseases in tropical and subtropical fruits. Proc. 10th Fruit Production Update Course: La Fruticultura frente al Reto de la Demanda Alimentaria. Fundación Sánchez Colín, CONACYT. Coatepec, Harinas, Edo. de México, 7-10 Oct., pp. 86-92.
 2. **Díaz-Pérez, J.C.**, and E. Araiza. 1997. Changes in transpiration rates and skin permeance as affected by storage and tomato fruit ripeness. Proc. 7th Intl. Controlled Atmosphere Res. Conf. 4:34-38.
 1. **Díaz-Pérez, J.C.**, R. García, J. Siller, M. Muy, E. Araiza, and M. Báez. 1995. Empaque de berenjenas 'Clásica' y 'Japonesa' con cubiertas de polietileno ('Classic' and 'Japanese' eggplants packed with polyethylene covers). 5th Seminar Agricultural Development in Arid Zones (JICA/FFM/ESSA), Guerrero Negro, B.C.S, Mexico. 5-9 Dec. (in Spanish).

Abstracts: 128

128. **Díaz-Pérez, J.C.**, K. St. John-Pickel, and J. Bautista. 2019. Bell pepper (*Capsicum annum* L.) Fruit Yield and Quality under Colored Shade Nets. Ann. Intl. Conf. Amer. Soc. Hort. Sci, Washington, D.C., 25 July.
<https://ashs.confex.com/ashs/2019/webprogramarchives/Paper31192.html>

127. **Díaz-Pérez, J.C** and J. Bautista. 2019. Fruit yield of Poblano pepper (*Capsicum annum*) as affected by plastic mulch and cultivar. Ann. Intl. Conf. Amer. Soc. Hort. Sci, Washington, D.C., 25 July.
<https://ashs.confex.com/ashs/2019/webprogramarchives/Paper31261.html>
126. **Díaz-Pérez, J.C.**, K. St. John-Pickel, and J. Bautista. 2019. Effects of Organic Fertilization Rate on ‘Vidalia’ Onion (*Allium cepa* L.) Plant Growth and Mineral Nutrients of Leaves and Bulbs. Ann. Intl. Conf. Amer. Soc. Hort. Sci, Washington, D.C., 25 July. <https://ashs.confex.com/ashs/2019/webprogramarchives/Paper31302.html>
125. **Díaz-Pérez, J.C.**, K. St. John-Pickel, S.U. Nambeesan, M.Y. Kabir, J.A. Alvarado-Chávez, and J. Bautista. 2019. Bell pepper (*Capsicum annum* L.) plant growth and fruit yield under colored shade nets. XI Intl. Symp.on Protected Cultivation in Mild Winter Climates & I Intl. Symp.on Nettings and Screens in Horticulture, Tenerife, Spain, 27-31 Jan.
124. Kabir, M.Y., S.U. Nambeesan, and **J.C. Díaz-Pérez**. 2019. Effect of shade levels on plant growth, physiology, and fruit yield in bell pepper (*Capsicum annum* L.). XI Intl. Symp.on Protected Cultivation in Mild Winter Climates & I Intl. Symp.on Nettings and Screens in Horticulture, Tenerife, Spain, 27-31 Jan.
123. Oguadinma, I.C., **J.C. Diaz-Perez**, M. Torres, M. Erickson, and Y.R. Ortega. 2019. Comparison between persistence of *Salmonella Enterica* Typhimurium on cilantro (*Coriandrum sativum*) and parsley (*Petroselinum crispum*) grown in a chamber and on the field when introduced by spray irrigation. Intl. Assoc. Food. Prot. Ann. Mtg., Louisville, KY, 21-24 July.
122. García-Gaytán, V., J.C. Díaz-Pérez, J. Bautista, G. Gunawani, A. Bateman, and F.C. Gómez-Merino. 2019. Exogenous applications of amino acids affect the growth and concentration of chlorophylls, amino acids and sugars in jalapeño pepper (*Capsicum annum* L.) fruit. 2019. Southeast Fruit and Vegetable Conference, Savannah, GA.
122. **Díaz-Pérez, J.C.** and J. Bautista. 2019. Tasa de fertilización orgánica nitrogenada y el rendimiento de fruto de calabacita (*Cucurbita pepo* L.). 2019 Congress of the SOMECH (Mexican Society of Horticultural Science), Uruapan, Mex., 28-31 Oct.
122. **Díaz-Pérez, J.C.** 2018. Light level under shading nets affects bell pepper (*Capsicum annum* L.) fruit mineral nutrients. XXI CIPA Congress 2018. Agriculture, Plastics & Environment. Bordeaux-Arcachon, France, 29-31 May. Book of Abstracts.
121. **Díaz-Pérez, J.C.**, J. Bautista, G. Gunawani, A. Bateman, and C. Riner. 2018. Chitosan-based biostimulant effects on sweet onion crop 83rd Ann. Mtg. Amer. Soc. Hort. Sci. - Southern Region, Jacksonville, Florida, 2-4 Feb. Book of Abstracts.
120. García-Gaytán, V., **J.C. Díaz-Pérez**, J. Bautista, G. Gunawani², A., Bateman, and F.C. Gómez-Merino. 2018. Exogenous applications of amino acids affect the growth and concentration of chlorophylls, amino acids and sugars in jalapeño pepper (*Capsicum annum* L.) fruit. 83rd Ann. Mtg. Amer. Soc. Hort. Sci. - Southern Region, Jacksonville, Florida, 2-4 Feb. Book of Abstracts
119. Mayorga-Gomez, A., S.U. Nambeesan, **J.C. Díaz-Pérez**, and T.W. Coolong. 2018. Expansins and its role in cell elongation during blossom-end rot development in bell pepper. Ann. Intl. Conf. Amer. Soc. Hort. Sci, Washington, D.C., 31 July.
<https://ashs.confex.com/ashs/2018/meetingapp.cgi/Paper/29005>

118. Deng, Z., W. Castle, G. Vallad, S. Agehara, M. Thetford, and J.C. **Díaz-Pérez**. 2017. Pomegranate: An emerging fruit crop in Southeast United States? POM-SYMP 2017, ISHS. Elche, Spain, 18-22 Sept.
117. **Díaz-Pérez, J.C.** G. Boyhan, P. Ji, R. Srinivasan. 2017. Efectos del nivel de sombreado en el rendimiento y calidad de fruto de chile dulce (*Capsicum annum* L.). AgroCiencias 2017. La Habana, Cuba, 20-24 Nov. Book of Abstracts.
116. **Díaz-Pérez, J.C.**, J. Bautista, and D.S. Pitchay. 2017. Microbial inoculant (*Bacillus subtilis* and *Saccharomyces cerevisiae*) had no effect on bell pepper (*Capsicum annum* L.) plant growth and yield. Ann. Intl. Conf. Amer. Soc. Hort. Sci., Waikoloa, Hawaii, 19-22 Sept. <https://ashs.confex.com/ashs/2017/webprogramarchives/Paper27258.html>
115. **Díaz-Pérez, J.C.** and J. Bautista. 2017. Chitosan-based biostimulant had no effect on zucchini squash (*Cucurbita pepo* L.) plant growth, fruit yield, and root-knot nematode galling. Ann. Intl. Conf. Amer. Soc. Hort. Sci., Waikoloa, Hawaii, 19-22 Sept. <https://ashs.confex.com/ashs/2017/webprogramarchives/Paper27272.html>
114. **Díaz-Pérez, J.C.**, K. St. John-Pikel, and J. Bautista. 2017. Bell pepper fruit yield as affected by colored shade nets. 82nd Ann. Mtg. Amer. Soc. Hort. Sci. - Southern Region, Mobile, Alabama, 3-7 Feb. Book of Abstracts.
113. **Díaz-Pérez, J.C.** and J. Bautista. 2017. Fruit yield of commercial and heirloom tomato cultivars under conventional, no-till, and organic production systems. 82nd Ann. Mtg. Amer. Soc. Hort. Sci. - Southern Region, Mobile, Alabama, 3-7 Feb. Book of Abstracts.
112. Kabir, M.Y., **J.C. Díaz-Pérez**, S.U. Nambeesan, and B. Dutta. 2017. Effect of shade on plant growth, physiology and fruit yield in bell pepper (*Capsicum annum* L.). 82nd Ann. Mtg. Amer. Soc. Hort. Sci. - Southern Region, Mobile, Alabama, 3-7 Feb. Book of Abstracts.
111. **Díaz-Pérez, J.C.**, J. Bautista, and G. Gunawati. 2016. Sweet onion yield and quality as affected by potassium fertilization. National Onion Conference, Savannah, GA.
110. **Díaz-Pérez, J.C.**, D.S. Pitchay. 2016. Improving the value of farm produce and income of growers in Southeast Asia, India, Nepal, Kenya, and the Central American countries. Ann. Intl. Conf. Amer. Soc. Hort. Sci., Atlanta, GA. <https://ashs.confex.com/ashs/2016/webprogram/Paper24272.html>
109. **Díaz-Pérez, J.C.**, J. Bautista, and G. Gunawati. 2016. Fruit yield and quality of heirloom watermelon cultivars grown organically. Ann. Intl. Conf. Amer. Soc. Hort. Sci., Atlanta, GA. <https://ashs.confex.com/ashs/2016/webprogram/Paper23979.html>
108. **Díaz-Pérez, J.C.**, D.S. Pitchay, and R. Ebel. 2016. Training of Growers and Extension Agents in the Dominican Republic. Ann. Intl. Conf. Amer. Soc. Hort. Sci., Atlanta, GA. <https://ashs.confex.com/ashs/2016/webprogram/Paper24269.html>
107. **Díaz-Pérez, J.C.** and J. Bautista. 2016. Efecto del cultivar y del color del acolchado en el rendimiento de chile poblano (*Capsicum annum*). Memorias, 13a. Convención Mundial del Chile, 22-24 Oct., Chetumal, Q.R., México.
106. Azad, M.A.K, Soren, E.B., **J.C. Díaz-Pérez**, and T. El-Joual Eaton. 2015. Effects of mulching and micronutrient management on growth and yield of onion. Ann. Intl. Conf. Amer. Soc. Hort. Sci., New Orleans. FL. <https://ashs.confex.com/ashs/2015/webprogramarchives/Paper20951.html>

105. **Díaz-Pérez, J.C.** and J. Bautista 2015. Efecto de la concentración y volume de aplicación de S-ABA en el crecimiento de planta y rendimiento de chile dulce. Memorias, 12a. Convención Mundial del Chile, 22-24 Oct., Guadalajara, México.
104. **Díaz-Pérez, J.C.** and J. Bautista 2015. Cucumber plant growth and fruit yield as affected by 6-benzyladenine and magnesium sulfate. Ann. Intl. Conf. Amer. Soc. Hort. Sci., New Orleans. FL. <https://ashs.confex.com/ashs/2015/webprogram/Paper21381.html>
103. **Díaz-Pérez, J.C.** and J. Bautista 2015. Bell pepper plant growth and fruit yield as affected by S-ABA concentration and water application rate. Ann. Intl. Conf. Amer. Soc. Hort. Sci., New Orleans. FL. <https://ashs.confex.com/ashs/2015/webprogramarchives/Paper21464.html>
102. **Díaz-Pérez, J.C.**, J. Bautista, G. Gunawati, and A. Bateman. 2015. Sweet onion (*Allium sativa*) yield as affected by potassium rates. Ann. Intl. Conf. Amer. Soc. Hort. Sci., New Orleans. FL. <https://ashs.confex.com/ashs/2015/webprogramarchives/Paper21269.html>
101. **Díaz-Pérez, J.C.**, G. Dumicic, J.A. Alvarado-Chavez, and J. Bautista. 2015. Plant growth and yield in sweet corn (*Zea mays* convar. *saccharata* var. *rugosa*) on colored plastic film mulches. Book of Abstracts. International Congress of Plastics in Agriculture (CIPA), Saltillo, México, 28-30 Oct.
100. **Díaz-Pérez, J.C.**, G. Dumicic, J.A. Alvarado-Chavez, and J. Bautista. 2015. Plant growth and yield in sweet corn are affected by root-zone temperature as modified by colored plastic film mulches. 75th Ann. Mtg. Amer. Soc. Hort. Sci. - Southern Region, Atlanta, GA.
99. **Díaz-Pérez, J.C.** and T. El-Joual Eaton. 2014. Eggplant (*Solanum melongena* L.) plant growth and fruit yield as affected by drip irrigation rate. Ann. Intl. Conf. Amer. Soc. Hort. Sci., Orlando, FL. <https://ashs.confex.com/ashs/2014/webprogram/Paper19135.html>
98. **Díaz-Pérez, J.C.** 2014. Shading nets reduce heat stress and incidence of Phytophthora blight (caused by *Phytophthora capsici*) and fruit yield in bell pepper (*Capsicum annum* L.). Ann. Intl. Conf. Amer. Soc. Hort. Sci., Orlando, FL. <https://ashs.confex.com/ashs/2014/webprogram/Paper18662.html>
97. **Díaz-Pérez, J.C.**, A. Bateman, G. Gunawan, S. Workman, S. Goreta Ban, M. Radunic, E. Smith. 2014. Physical and chemical attributes of pomegranate (*Punica granatum* L.) fruit grown in Georgia. Ann. Intl. Conf. Amer. Soc. Hort. Sci., Orlando, FL. <https://ashs.confex.com/ashs/2014/webprogram/Paper19121.html>
96. **Díaz-Pérez, J.C.** J. Bautista, N. Bautista, A. Alvarado Chávez. 2014. Biostimulants effects on bell pepper (*Capsicum annum*) plant growth, fruit yield, and incidence of fruit disorders. Ann. Intl. Conf. Amer. Soc. Hort. Sci., Orlando, FL. <https://ashs.confex.com/ashs/2014/webprogram/Paper19131.html>
95. **Díaz-Pérez, J.C.** J. Bautista, N. Bautista, D. Pitchay, and C.M. Riner. 2014. Sweet onion yield as affected by organic fertilization rate. Ann. Intl. Conf. Amer. Soc. Hort. Sci., Orlando, FL. <https://ashs.confex.com/ashs/2014/webprogram/Paper19907.html>
94. Dumičić, G., **J.C. Diaz-Perez**, H.S. Sidhu, B. Urlić, S. Goreta Ban, D. McLean, and S. Workman. 2014. Kale leaf water loss as affected by cultivar and storage. 49th Croatian & 9th International Symposium on Agriculture, Duvronic, Croatia, 16-20 Feb.

93. Dumičić, G., K. Zanic Sr., B. Urlić, S. Goreta Ban, and **J.C. Diaz-Perez**. 2014. Tomato yield and aerial pests populations affected by grafting, nitrogen rate and ratio $\text{NO}_3^- : \text{NH}_4^+$ in hydroponic cultivation. Ann. Intl. Conf. Amer. Soc. Hort. Sci., Orlando, FL. <https://ashs.confex.com/ashs/2014/webprogram/Paper17560.html>
92. Dumičić, G., M.J. Spika Sr., B. Urlić, K. Zanic Sr., R. Vidrih Sr., L. Sinkovic Jr., and **J.C. Diaz-Perez**. 2014. Mineral and fatty acid composition in Croatian garlic (*Allium sativum* L.) ecotypes. Ann. Intl. Conf. Amer. Soc. Hort. Sci., Orlando, FL. <https://ashs.confex.com/ashs/2014/webprogram/Paper17561.html>
91. Germishuizen, P., **J.C. Díaz-Pérez**, P. Navia, and J. Bautista. 2014. Broccoli (*Brassica oleracea*) yields and size of flowering head as affected by planting distance. Ann. Intl. Conf. Amer. Soc. Hort. Sci., Orlando, FL. <https://ashs.confex.com/ashs/2014/webprogram/Paper20258.html>
90. Pitchay, D., G. Vijayan, R. Mikkelsen, and **J.C. Díaz-Pérez**. 2014. Could leaf SPAD values (Chlorophyll index) complement nitrogen, phosphorus, potassium, calcium, sulfur, magnesium, and iron nutrient status in Romain lettuce (*Lactuca sativa*). Ann. Intl. Conf. Amer. Soc. Hort. Sci., Orlando, FL. <https://ashs.confex.com/ashs/2014/webprogram/Paper20363.html>
89. **Díaz-Pérez, J.C.** 2013. Cultivar and plastic mulch affect Poblano pepper (*Capsicum annum* L.) yield. 73th Ann. Mtg. Amer. Soc. Hort. Sci. - Southern Region. HortScience 48(9): S40. http://ashs.org/downloads/supplement/2013SR-ASHS_AnnualMtg.pdf.
88. Sidhu, H.S., A. Bateman, D. MacLean, E. Smith, M. Radunic, S. Goreta Ban, and **J.C. Díaz-Pérez**. 2013. Controlled atmosphere storage reduces deterioration rate of pomegranate (*Punica granatum* L.) fruit. Ann. Intl. Conf. Amer. Soc. Hort. Sci., Palm Desert, CA. http://ashs.org/abstracts/2013/abstracts13/abstract_id_15896.html.
87. Urlić, B., G. Dumičić, S. Goreta Ban, **J.C. Díaz-Pérez**. 2013. Influence of nutrient solution concentration on kale seedlings growth. 48th Croatian & 8th International Symposium on Agriculture, Dubrovnik, Croatia, 17-22 Feb.
86. **Díaz-Pérez, J.C.** 2012. Efecto del tamaño y estado de madurez del fruto en la pérdida de agua durante la postcosecha en chile dulce (*Capsicum annum* L.). 9o. Convención Mundial del Chile 2012. Zacatecas, Zac., Mexico, 5-7 July.
85. **Díaz-Pérez, J.C.**, G. Boyhan, D., P. Ji., and R. Srinivasan. 2012. Shade level affects microenvironment, plant growth and plant function in bell pepper (*Capsicum annum* L.). Ann. Intl. Conf. Amer. Soc. Hort. Sci., Miami, FL. <http://ashs.confex.com/ashs/2012/webprogram/Paper11517.html>.
84. **Díaz-Pérez, J.C.**, V. Parkunan, M. Purvis, M. Finger, and P. Ji. 2012. Effects of conventional, organic, and no-till soil on development of southern blight of tomato caused by *Sclerotium rolfsii*. 2012 Amer. Phytopath. Soc. Ann. Mtg., Providence, RI, 4-8 Aug. http://www.apsnet.org/meetings/Documents/2012_Meeting_Abstracts/aps12abP216.html.
83. **Díaz-Pérez, J.C.** and T. El-Joual. 2012. Eggplant (*Solanum melongena* L.) yield as affected by drip irrigation rates. 72th Ann. Mtg. Amer. Soc. Hort. Sci. - Southern Region.
82. **Díaz-Pérez, J.C.**, D. MacLean, S. Goreta Ban, G. Dumičić, and B. Urlic, and S. Workman. 2012. Plant growth and yield of kale (*Brassica oleracea* Acephala group) cultivars under plastic film mulch. 72th Ann. Mtg. Amer. Soc. Hort. Sci. - Southern Region.

81. **Díaz-Pérez, J.C.** and G. Boyhan. 2012. Shade levels affect microenvironment and plant growth and function in field-grown bell pepper (*Capsicum annum* L.). International CIPA Conference 2012, Tel Aviv, Israel, 15-17 May.
80. **Díaz-Pérez, J.C.**, G. Boyhan, and R. Srinivasan. 2012. Heat stress amelioration by shading increases fruit yield and quality in bell pepper (*Capsicum annum* L.). The 21st. International Pepper Conference, Naples, FL, 4-6 Nov.
79. Dumičić, G., H. Sidhu, and J.C. **Díaz-Pérez**. 2012. Effect of postharvest storage conditions on shelf life of kale (*Brassica oleracea* var. *acephala*). Ann. Intl. Conf. Amer. Soc. Hort. Sci., Miami, FL.
<http://ashs.confex.com/ashs/2012/webprogram/Paper10280.html>.
<http://www.conference.ifas.ufl.edu/pepper2012/Proceedings.pdf>.
78. **Díaz-Pérez, J.C.**, D. MacLean, and P. Ji. 2011. Irrigation levels effects on fruit yield and quality of seedless watermelon [(*Citrullus lanatus*) (Thunb.)]. 71th Ann. Mtg. Amer. Soc. Hort. Sci. - Southern Region.
77. **Díaz-Pérez, J.C.** and J. Bautista. 2011. Soil nitrogen, leaf nitrogen, and fruit yield in bell pepper (*Capsicum annum* L.) as affected by fertilization with a slow release nitrogen fertilizer. 71th Ann. Mtg. Amer. Soc. Hort. Sci. - Southern Region.
76. **Díaz-Pérez, J.C.** and D. Pitchay. 2011. Reduced irrigation rates had little impact on fruit yield and quality in seedless watermelon. VegSEA2011, 1st. Intl. Soc. Hort. Sci. Symposium on “Sustainable Vegetable Production in South East Asia”, Salatiga, Indonesia, p. 54.
75. **Díaz-Pérez, J.C.**, G. Boyhan, and R. Srinivasan. 2011. Shading levels affect bell pepper fruit yield. Abstr. # 6327. Ann. Intl. Conf. Amer. Soc. Hort. Sci., Waikoloa, Hawaii, 2-5 Aug.
74. **Díaz-Pérez, J.C.**, G. Boyhan, R. Srinivasan, and D. Pitchay. 2011. Leaf gas exchange of bell pepper (*Capsicum annum* L.) as affected by shading level under field conditions. Abstr. #5984. Ann. Intl. Conf. Amer. Soc. Hort. Sci., Waikoloa, Hawaii, 2-5 Aug.
73. Jenkins, W.K. and **J.C. Díaz-Pérez, J.C.** 2011. Detrimental effects of blood meal and feather meal on germination of tomato (*Lycopersicon esculentum* Mill.). Abstr. # 7679. Ann. Intl. Conf. Amer. Soc. Hort. Sci., Waikoloa, Hawaii, 2-5 Aug.
72. Pitchay, D., **J.C. Díaz-Pérez**, B. Buntong, P. Chulaka, S. Comer, R. Holmes, P. Thi Thu Huong, P. Kumar, T.T.L. Nguyen, Y. Paisooksantivatana, S. Singh, and O. Socheath. 2011. Market Oriented Sustainable Peri-Urban and Urban Garden Cropping System: A Model for Women Farmers in Thailand, Cambodia and Vietnam. Abstr. #7619. Ann. Intl. Conf. Amer. Soc. Hort. Sci., Waikoloa, Hawaii, 2-5 Aug.
71. Pitchay, D. and **J.C. Díaz-Pérez**. 2011. Vegetable production technology and supply chain in Cameron Highlands, Malaysia. VegSEA2011, 1st. Intl. Soc. Hort. Sci. Symposium on “Sustainable Vegetable Production in South East Asia”, Salatiga, Indonesia, p. 70.
70. Sidhu, H.S., **J.C. Díaz-Pérez**, and D. MacLean. 2011. Harvest maturity and postharvest storage condition effects on pomegranate fruit quality. II International Symposium on the Pomegranate, Madrid, Spain, 19-21 Oct.
69. Steiner, J.L., P. Gowda, D. Moriasi, J. Garbrecht, D. Brauer, T.A. Howell, F. Mojarro, C. Bautista, H. Junez, R. Avila, F. Echevarría, A. Serna, E. Kanemasu, **J.C. Díaz-Pérez**, B.L. Harris, and J. Enciso. 2011. A decision framework to enhance sustainable groundwater

- management. Sustainability on the border: Water, climate and social change in a fragile landscape. The University of Texas at El Paso, 16-18 May.
68. Azad, M.A.K., M.H. Kabir, **J.C. Díaz-Pérez**, and T. El-Jaoual. 2010. Varietal performances of some modern potato varieties on their yield potentialities and storage behavior. *HortScience* 45(8): S128. (Abstr.).
 67. **Díaz-Pérez, J.C.**, S.C. Phatak, J. Ruberson, and R. Morse. 2010. Mulches increase yield and improve weed control in no-till organic broccoli (*Brassica oleracea* var. *Botrytis*). Book of Abstracts, International Horticultural Congress, and Lisbon, Portugal. S14.042.
 66. **Díaz-Pérez, J.C.**, D. MacLean, and P. Ji. 2010. Effects of irrigation rates on soil moisture content and fruit yield and quality in seedless watermelon. *HortScience* 45:504.
 65. **Díaz-Pérez, J.C.** 2010. Plastic mulches affect crop microenvironment, plant growth, and fruit yield in bell pepper (*Capsicum annum* L.). *HortScience* 45(8): S129. (Abstr.).
 64. **Díaz-Pérez, J.C.**, D. MacLean, and P. Ji. 2010. Fruit yield in seedless watermelon (*Citrullus lanatus* L.) as affected by irrigation rates. *HortScience* 45(8): S249-250. (Abstr.).
 63. Lewis, S., S. Kennedy, D. Pitchay, and **J.C. Díaz-Pérez**. 2010. Effect of cell size on organic transplants for field establishment. *HortScience* 45(8): S139. (Abstr.).
 62. **Díaz-Pérez, J.C.**, J. Silvoy, and J. Bautista. 2009. Broccoli [*Brassica oleracea* (Plenck) Var. *Italica*] plant growth and yield as affected by colored plastic film mulches. *HortScience* 44:1068.
 61. **Díaz-Pérez, J.C.**, J. Silvoy, John, and P. Germishuizen. 2009. Transplant cell volume affects transplant size and subsequent broccoli yield. *HortScience* 44:568.
 60. Erickson, M.C., **J.C. Díaz-Pérez**, S.C. Phatak, L. McGhin, A. Payton, and M.P. Doyle. 2009. Fate of internalized *Escherichia coli* O157:H7 on field grown spinach treated with contaminated irrigation water. *Int. Assoc. Food Protection*, p. 3-14.
 59. Erickson, M.C., **J.C. Díaz-Pérez**, S.C. Phatak, L. McGhin, A. Payton, and M.P. Doyle. 2009. Surface and internalized *Escherichia coli* O157:H7 on field-grown spinach treated with contaminated irrigation water. Center for Food Safety, UGA, p. 3-4.
 58. Boyhan, G.E., **J.C. Díaz-Pérez**, C. Hopkins, R.L. Torrance, and C.R. Hill. 2008. Evaluation of bell pepper and tomato varieties with and without shade. *HortScience* 43:1256.
 57. **Díaz-Pérez, J.C.**; Gitaitis, R; and B. Mandal. 2008. Plastic film mulches affect root zone temperature and the manifestation of tomato spotted wilt symptoms and yield in tomato. *HortScience* 43:1159.
 56. **Díaz-Pérez, J.C.** 2007. Producción de chile dulce (*Capsicum annum* L.) con acolchado plástico de colores [Bell pepper (*Capsicum annum* L.) production on colored plastic mulches]. IX Congress of the CIDAPA (Comité Iberoamericano para el desarrollo y aplicación de los plásticos en la agricultura [Interamerican Committee for the Development and Applications of Plastics in Agriculture]), Caracas, Venezuela, 23-26 Sept.
 55. **Díaz-Pérez, J.C.**, J. Silvoy, S.C. Phatak, J. Ruberson, and R. Morse. 2007. Mulches as a means to control weeds in sustainable production systems. *HortScience* 42:816.

54. Ruberson, J.R, **J.C. Díaz-Pérez**, S.C. Phatak. 2007. Biological control in no-till organic broccoli Annual meeting of the Southeastern Branch of the Entomological Society of America, Knoxville, Tennessee, 6 March 2007.
53. **Díaz-Pérez, J.C.**, D. Granberry, P. Germishuizen. 2006. Growth and Stand Establishment of Bell Pepper Transplants as Affected by Compost-Amended Transplant Substrate. 4th International Symp. Seed, Transplant and Stand Establishment of Horticultural Crops, International Soc. Hort. Sci., San Antonio, Texas, 3-6 Dec.
52. **Díaz-Pérez, J.C.**, S.C. Phatak, J. Silvoy, and R. Morse, D.S. Pitchay. 2006. Organic tomato transplant production in compost-amended substrate. 4th International Symp. Seed, Transplant and Stand Establishment of Horticultural Crops, International Soc. Hort. Sci., San Antonio, Texas, 3-6 Dec.
51. Pitchay, D., **J.C. Díaz-Pérez**. 2006. Is it possible to produce healthy organic herbal plug seedlings through different proportions of organic materials? 4th International Symp. Seed, Transplant and Stand Establishment of Horticultural Crops, International Soc. Hort. Sci., San Antonio, Texas, 3-6 Dec.
50. Ruberson, J., **J.C. Díaz-Pérez**, S.C. Phatak, R.D. Morse. 2006. Tillage and cover crops in organic vegetables: Impact on pests and their biological control in broccoli. Annual Meeting Entomol. Soc. Amer., Indianapolis, IN, 10-13 Dec.
49. Schomberg, H., N.L., Martini, S.C. Phatak, **J.C. Díaz-Pérez**, K.S. Balkcom, H. Bhardwaj. 2006. Predicting potential biomass and N production of sunn hemp when grown as a cover crop in the south. 2006 International Meetings ASA-CSSA-SSSA, Indianapolis, 12-16 Nov.
48. **Díaz-Pérez, J.C.**, R. Gitaitis, B. Mandal. 2006. Root zone temperature as modified by plastic mulches affect the appearance of first systemic symptoms of tomato spotted wilt and fruit yield in tomato. HortScience 41:1005-1006.
47. **Díaz-Pérez, J.C.**, S.C. Phatak, J. Ruberson, J. Silvoy, and R. Morse. 2006. Effect of winter cover crops and no-till on the yield of organically-grown bell pepper (*Capsicum annuum* L). Abstracts of the 27th International Hort. Congress, Seoul, Korea, 13-19 Aug.
46. **Díaz-Pérez, J.C.**, S.C. Phatak, J. Ruberson, J. Silvoy, and R. Morse. 2006. Mulches increase yield in no-till organic broccoli (*Brassica oleracea* var. *italica*). Abstracts of the 52nd Annual Meeting of the Interamer. Soc. Trop. Hort., San Juan, Puerto Rico, 24-30 Sept.
45. **Díaz-Pérez, J.C.**, M.D. Muy-Rangel, A.G. Mascorro. 2006. Fruit size and stage of ripeness affect postharvest water loss in bell pepper fruit (*Capsicum annuum* L.). HortScience 41: 504-504.
44. Boyhan, G.E., **J.C. Díaz-Pérez**, R.L. Torrance, R.H. Blackley Jr., and C.R. Hill. 2005. Direct seeding Vidalia onions. HortScience 40:885.
43. **Díaz-Pérez, J.C.**, S.C. Phatak, J. Ruberson, D. Bertrand, D. Giddings, and R. Morse. 2005. Effects of Cover Crop and Tillage on Organically-Grown Summer Squash Production. HortScience 40 (4) (inadvertently omitted by the ASHS from the book of Abstracts).
42. Boyhan, G.E., **J.C. Diaz-Perez**, R.L. Torrance, R.H. Blackley, Jr., C. R. Hill. 2004. Direct seeding of Vidalia onions. 2004 Natl. Allium Res. Conf. Grand Junction, Col., 9-10 Dec.

41. Seebold, K.W., F.S. Sanders, **J.C. Díaz-Pérez**, and R.D. Gitaitis. 2004. Effect of solarization on soilborne pathogens and weeds in short-day, sweet onions in Georgia. 2004 Natl. Allium Res. Conf., Grand Junction, Col., 9-10 Dec.
40. **Díaz-Pérez, J.C.**, D. Giddings, D. Bertrand, and R. Gitaitis. 2004. Growth of sweet onion plants grown on organic and inorganic mulches. *HortScience* 39:658.
39. **Díaz-Pérez, J.C.** 2004. Acolchados plásticos de colores en jitomate y chile dulce: Efecto en el rendimiento y control del virus de la marchitez manchada (Effect of colored plastic film mulches on tomato yield and control of tomato spotted wilt). Tercer Simposium de Tecnologías Agrícolas con Plástico (Abstracts of Third Symposium of Agricultural Technologies with Plastic), Amipac, Puebla, Mexico, 24-27 Feb.
38. **Díaz-Pérez, J.C.**, D. Giddings, and D. Bertrand. 2004. Irrigation levels affect plant growth and fruit yield of drip-irrigated bell pepper. *HortScience* 39:748.
37. Granberry, D.M., J.C. Díaz-Pérez, and P.J. Germishuizen. 2004. Non-aerated static composting raises food safety concerns. Ann. Mtg. Prof. Improvement Conf., Natl. Assoc. County Agr. Agents, Orlando, Fla., 11-15 July.
36. **Díaz-Pérez, J.C.**, A.C. Purvis, and J.T. Paulk. 2003. Nitrogen fertilization affects bolting and yield of sweet onion. *HortScience* 38:1287.
35. Muy Rangel, D., J. Siller Cepeda, **J. Díaz-Pérez**, and B. Valdez Torres. 2003. Las condiciones de almacenamiento modifican la calidad postcosecha del mango cv. Keith encerado (Storage conditions modify the postharvest quality of waxed mango cv. Keith). Abstracts 10th. Ntl. Cong. Mex. Soc. Hort. Sci. p. 328. [**Graduate student paper**].
34. **Díaz-Pérez, J.C.**, R. Gitaitis, D. Bertrand, D. Giddings, and W. Randle. 2002. Influence of mulches and drip irrigation on the growth, yield and quality of *Vidalia* onion. *HortScience* 37:748.33.
33. **Díaz-Pérez, J.C.**, D. Granberry, D. Bertrand, and D. Giddings. 2002. Tomato transplant growth as affected by root-zone temperature under colored plastic mulches. XXVIth Intl. Hort. Cong. of the Int. Soc. Hort. Sci. p. 554.
32. **Díaz-Pérez, J.C.** 2001. Panorama of the vegetable industry in Mexico, Central America and the Caribbean Region into the XXI century: Introduction to the Workshop. *HortScience* 36:445.
31. **Díaz-Pérez, J.C.**, D. Batal, D. Bertrand, and D. Giddings. 2001. Tomato plant growth and yield as affected by root-zone temperature under colored mulches. *HortScience* 36:578.
30. **Díaz-Pérez, J.C.**, R. Gitaitis, D. Batal, W. Randle, K. Harrison, and R. Torrence. 2001. Response of sweet onion to the use of plastic mulch and drip irrigation. *HortScience* 36:845.
29. Granberry, D.M., W. T. Kelley, D.B. Langston, **J.C. Díaz-Pérez**, and K.S. Rucker. 2001. The effects of on-farm-produced compost on transplant and field production of bell pepper. *HortScience* 36:844.
28. Muy Rangel, M.D., and **J.C. Díaz-Pérez**. 2001. Efecto del tiempo de cosecha sobre algunas características físicas y fisiológicas del fruto de chile bell (Physical and chemical characteristics of bell pepper fruit as affected by harvest time). Proc. 47th Meeting Interamer. Soc. Trop. Hort. p. 312. [**Graduate student paper**].
27. VanSickle, J.J., and **J.C. Díaz-Pérez**. 2001. Cuban vegetable industry. *HortScience* 36:445.

26. **Díaz-Pérez, J.C.**, D. Batal, D. Bertrand, and D. Giddings. 2000. Tomato plant size and fruit yield as affected by symptom appearance of tomato spotted wilt virus. *HortScience* 35:392.
25. **Díaz-Pérez, J.C.**, A. Mejia, R. Zavaleta, and S. Bautista. Response of Sapote Mamey Fruit to Hot Water Treatments. 2000. Proc. Intl. Multidisciplinary Conf.: Integral View of Fruit and Vegetable Quality. Griffin, Ga., 1-3 May.
24. **Díaz-Pérez, J.C.**, S. Bautista, and R. Villanueva. 1999. Simple ripening model of sapote mamey (*Pouteria sapota*) fruit. *HortScience* 34:512.
23. Ibarra-Jiménez L., J. Flores-Velázquez, **J.C. Díaz-Pérez**, and J. Fernández-Brondo. 1999. Growth and yield of muskmelon in response to plastic mulch and row-cover tunnels. Proc. Natl. Agric. Plast. Cong. 28:122-127. [**Graduate student paper**].
22. Villanueva A.R., S. Bautista, and **J.C. Díaz**. 1999. Efecto de cubiertas plásticas en la maduración de frutos de mamey (*Pouteria sapota*). Abstr. 45th Mtg. Interamer. Soc. Hort. p. 49.
21. Villanueva A.R., S. Bautista, and **J.C. Díaz**. 1999. Características del fruto del 'cuaguayote' (*Jacaratia mexicana* A. D.C). Abstr. 45th Mtg. Interamer. Soc. Hort. Sci. p. 62.
20. **Díaz-Pérez, J.C.**, S. Bautista, and R. Villanueva. 1998. Response of sapote mamey *Pouteria sapota* fruit to storage. *HortScience* 33:456.
19. Pérez-Tello, G. O., M.A. Martínez-Téllez, B.O. Briceño, I. Vargas-Arispuro, and **J.C. Díaz-Pérez**. 1998. Effect of three temperatures of storage on the activities of polyphenoloxidase and peroxidase in mamey sapote fruits (*Pouteria sapota*). Agri-Food Quality II: Quality management of fruits and vegetables - From field to table, pp. 174-176, Turku, Finland, 22-25 Apr.
18. Bautista, S., and **J.C. Díaz-Pérez**. 1997. Evaluación de las enfermedades postcosecha en mamey de Coatlán del Río, Morelos, México (Evaluation of postharvest diseases in sapote mamey *Pouteria sapota* from Coatlan del Rio, Morelos, Mexico). *Horticultura Mexicana* 5:168.
17. **Díaz-Pérez, J.C.**, S. Bautista, M. Arenas, S. Evangelista, and R. Arce. 1997. Response of sapote mamey *Pouteria sapota* fruits to postharvest exogenous ethylene applications. *HortScience* 32:496.
16. **Díaz-Pérez, J.C.**, J. Siller, R. Garcia, R. Avena-Bustillos, M. Muy, E. Araiza, and M. Baez. 1996. Postharvest behavior of 'ciruela' (*Spondias purpurea*) harvested at three different maturity stages. Book of Abstr. Ann. Mtg. Inst. Food Technol. p. 97, New Orleans, 22-26 June.
15. Exiga, P., M. Arenas, S. Bautista, and **J.C. Díaz-Pérez**. 1996. Evaluación bioquímica del fruto de maracuyá de varias regiones del estado de Morelos, México [Biochemical evaluation of yellow passion fruit (*Passiflora edulis* var. *flavicarpa*) from various regions of the state of Morelos, Mexico]. Abstr. XI Natl. Cong. Biochem. Eng., Mexico City, 11-15 Nov.
14. **Díaz-Pérez, J.C.** 1995. Transpiration in eggplant fruits as affected by fruit stage of development and storage conditions. *HortScience* 30:826.
13. **Díaz-Pérez, J.C.**, E. Araiza, M. Baez, R. Garcia, M. Muy, and J. Siller. 1995. Uso de películas plásticas y almacenamiento a baja temperatura para prolongar la vida de anaquel de berenjena "Japonesa" (Use of plastic films and low temperature storage to extend shelf

- life of 'Japanese' eggplant). Abstr. 6th. Cong. Mex. Soc. Hort. Hermosillo, Mexico, 26-29 Apr.
12. **Díaz-Pérez, J.C.**, E. Araiza, R. Araoz, J. Siller, R. Garcia, M. Muy, and M. Baez. 1995. Efecto del déficit de agua y la etapa de madurez al momento de la cosecha sobre las características físico-químicas y sensoriales del tomate (Effect of water deficits and ripening stage at harvest on physical-chemical and sensorial characteristics of tomato). Abstr. Ann. Cong. Mex. Soc. Food Technol., Puerto Vallarta, Mexico, 13-16 Jun.
 11. García, R., M. Baez, J. Siller, **J. Díaz**, M. Muy, and E. Araiza. 1995. Identificación de enfermedades postcosecha de frutos de carambola (*Averrhoa carambola* L.) cultivados en el Valle de Culiacán [Identification of postharvest diseases in carambola fruits grown in the Culiacan Valley]. Abstr. 6th. Cong. Mex. Soc. Hort. Hermosillo, Mexico, 26-29 Apr.
 10. García, R., M. Muy, E. Araiza, M. Baez, J. Siller, and **J. Díaz**. 1995. Quality changes and respiration rate of eggplant fruits infected with *Phytophthora capsici* L. HortScience 3:825.
 9. Muy, M., E. Araiza, M. Baez, J. Siller, R. Garcia, **J. Díaz**, and A. Ireta. 1995. Efecto del almacenamiento y la simulación de condiciones de mercadeo en la calidad de fruto de clones de mango (Effect of storage and simulation-marketing conditions in the fruit quality of mango clones). Abstr. 6th Congress of Mexican Soc. Hort. Sci., Hermosillo, Mexico, 26-29 Apr.
 8. Siller, J., E. Araiza, M. Baez, M. Muy, R. Garcia, and **J. Díaz**. 1995. Dinámica de crecimiento de berenjena 'Clásica' (Growth dynamics of 'Classic' eggplant). Abstr. 6th. Cong. Mex. Soc. Hort. Hermosillo, Mexico, 26-29 Apr.
 7. Siller, J., M. Muy, E. Araiza, M. Baez, R. Garcia, R. Baez, and **J. Díaz**. 1995. Postharvest changes of carambola fruit (*Averrhoa carambola* L.) picked at different ripening stages. HortScience 3:814.
 6. **Díaz-Pérez J.C.**, K. Shackel, and E. Sutter. 1994. Acclimatization and subsequent gas exchange, water relations and growth of microcultured apple shoots after transplanting. HortScience 29:562.
 5. **Díaz-Pérez J.C.**, K. Shackel, and E. Sutter. 1993. Effects of in vitro-formed roots on water status and photosynthesis of tissue-cultured apple shoots. HortScience 28:526.
 4. **Díaz-Pérez J.C.**, K. Shackel, and E. Sutter. 1993. Importance of roots for the maintenance of water status in tissue-cultured apple shoots. Abstr. 5th Cong. Mex. Soc. Hort. Sci., Veracruz, Mexico, 18-23 July.
 3. **Díaz-Pérez, J.C.**, K. Shackel, and E. Sutter. 1992. Water relations of tissue-cultured apple shoots under water deficits. HortScience 27:572.
 2. **Díaz-Pérez, J.C.**, and K. Shackel. 1991. Diurnal fluctuations in tomato fruit size. HortScience 26:779.
 1. **Díaz-Pérez, J.C.**, and J.L. Martínez Ramírez. 1984. Distribución del Virus Mosaico Enanismo del Maíz en Jalisco (Distribution of Maize Dwarf Mosaic Virus in Jalisco). 11th Cong. Mex. Phytopathol. Soc., San Luis Potosí, Mexico, 16-18 July.

Popular Articles: 29

29. Thompson, C. and J.C. Díaz-Pérez. 2019. UGA vegetable scientist recommends organic mulches for weed control. <https://vegetablegrowersnews.com/news/uga-vegetable-scientist-recommends-organic-mulches-for-weed-control/>
28. Díaz-Pérez, J.C. 2018. 'Vidalia' onion bulb yield as affected by organic fertilization rate. Sustainable Agriculture Newsletter, CAES, University of Georgia, Summer of 2018. <http://sustainagga.caes.uga.edu/content/dam/caes-website/extension-outreach/commodities/sustainable-agriculture/documents/Summer2018CAESSustainableAgNewsletter.pdf>
27. Jernigan, J. 2018. The poblano pepper, a spicier complement to the bell pepper. CAES News, University of Georgia. <http://www.caes.uga.edu/news/story.html?storyid=7511&story=Poblano-Pepper>
26. Thompson, C. 2016. Georgia eggplant growers can use less water. Vegetable Growers News, April: 21. <http://vegetablegrowersnews.com/news/georgia-eggplant-producers-can-decrease-irrigation-usage/>
25. American Society for Horticultural Science. 2016. Drip irrigation rates tested for eggplant growth, yield: Eggplant can tolerate reduced irrigation, resulting in water savings. ScienceDaily. www.sciencedaily.com/releases/2016/01/160111152806.htm
24. Thompson, C. 2016. UGA horticulturist finds that Georgia eggplant producers can decrease irrigation usage. Media Newswire, CAES, Univ. of GA. <http://www.caes.uga.edu/newswire/story.html?storyid=5711>
http://apps.caes.uga.edu/gafaces/?public=viewStory&pk_id=5711
23. **Díaz-Pérez, J.C.** 2015. Shading nets affect fruit yield and quality and extend growing season in bell pepper, pp. 5-7. Sustainable Agriculture Newsletter, CAES, University of Georgia. <http://www.caes.uga.edu/topics/sustainag/documents/SustainableAgUGAWinter2015Newsletter.pdf>
22. Cooper, D.H. 2012. Bell peppers can grow better in the shade. Vegetable Growers News. <http://vegetablegrowersnews.com/index.php/magazine/article/bell-peppers-can-grow-better-in-the-shade>.
21. Cooper, D.H. 2012. Shading helps South Georgia beat the heat. Southeast Farm Press. <http://southeastfarmpress.com/vegetables/shading-helps-south-georgia-peppers-beat-heat>.
20. Cooper, D.H. 2012. Shading helps South Georgia beat the heat. Georgia FACES, College Agr. Env. Sci, Univ. of Georgia. http://www.caes.uga.edu/applications/gafaces/?public=viewStory&pk_id=4416.
20. **Díaz-Pérez, J.C.** 2012. Pepper yields may be made in the shade. The Grower, May. <http://www.thegrower.com/news/Pepper-yields-may-be-made-in-the-shade-151384495.html>
19. **Díaz-Pérez, J.C.** 2012. Shading benefits. Growing Produce, Sept. <http://www.growingproduce.com/article/30927/the-benefits-of-shading-peppers>.
18. **Díaz-Pérez, J.C.** 2012. The benefits of shading of peppers. Growing Produce, September. <http://www.growingproduce.com/article/30927/the-benefits-of-shading-peppers>.
17. **Díaz-Pérez, J.C.** 2011. Moderate shading improves bell pepper fruit yield. Georgia Fruit & Vegetable Growers News.

16. Noble, D. 2009. Shade bell peppers for higher yields in heat conditions. *The Tomato Magazine* 13(5): 12-13.
15. **Díaz-Pérez, J.C.** 2005. Disease incidences and yield in bell pepper as affected by kaolin-based particle film ('Surround'). *Georgia Fruit & Vegetable Growers News*.
14. **Díaz-Pérez, J.C.**, D. Giddings, and D. Bertrand. 2004. Drip irrigation levels affect yield of bell pepper. *Georgia Fruit & Vegetable Growers News*.
13. **Díaz-Pérez, J.C.**, D. Granberry, D. Giddings, and D. Bertrand. 2002. Pepper yield and incidence of blossom-end rot as affected by calcium application and irrigation rates. *Georgia Fruit & Vegetable Growers News* 7 (2):23-24.
12. Granberry, D.M., W.T. Kelley, D.B. Langston, **J.C. Díaz-Pérez**, and K.S. Rucker. 2001. Growing higher yielding bell pepper transplants with compost. *Southeastern Floriculture* May/June:33-35.
11. Granberry, D.M., W.T. Kelley, D. Langston, Jr., **J.C. Díaz-Pérez**, and K.S. Rucker. 2001. Georgia compost increases yield potential of bell pepper transplants. *Georgia Fruit & Vegetable Growers News* 6(2):25-28.
10. **Díaz-Pérez, J.C.** 1998. Waxing of vegetables. *Productores de Hortalizas* 7(2):54-58 (in Spanish).
9. **Díaz-Pérez, J.C.** 1997. Cracking of fresh fruits. *Productores de Hortalizas* 6(3):20-22 (in Spanish).
8. **Díaz-Pérez, J.C.** 1996. Accumulated heat is your time clock. *Productores de Hortalizas* 5(10):20-23 (in Spanish).
7. **Díaz-Pérez, J.C.** 1996. Take a look at diversification: Exporters look for new markets. *Productores de Hortalizas* 5(3):20 (in Spanish).
6. **Díaz-Pérez, J.C.** 1995. Concepts about irrigation management. *Productores de Hortalizas* 4(11):20-22 (in Spanish).
5. **Díaz-Pérez, J.C.** 1995. Precooling prolongs the shelf-life of vegetables. *Productores de Hortalizas* 4(9):44-45 (in Spanish).
4. **Díaz-Pérez, J.C.** 1995. Vegetables and water stress. *Productores de Hortalizas* 4(9):36-37 (in Spanish).
3. **Díaz-Pérez, J.C.** 1995. Chlorination of vegetables in the packaging shed. *Productores de Hortalizas* 4(5):14-15 (in Spanish).
2. **Díaz-Pérez, J.C.** 1995. The wash tank may induce fruit decay in tomatoes. *Productores de Hortalizas* 4(4):26-27 (in Spanish).
1. **Díaz-Pérez, J.C.** 1995. How to interpret the reading of your tensiometer. *Productores de Hortalizas* 4(2):18 (in Spanish).