Publications for Prof. P. Umaharan

Book Chapters

Butler, D.R and Umaharan, P. (2004). Working with Cocoa Germplasm. In: Flood, J., Murphy, R. (eds.) Cocoa Futures: a source book of some important issues facing the cocoa industry. Chinchina (Colombia). CABI-FEDERACAFE, USDA, 164 pages. (ISBN 958-97441-7).

Monographs

- Umaharan, P. (2004). 'A Biosafety Regulatory Framework for the Caribbean: Regulatory authorities, -systems and guidelines' NIHERST, Trinidad and Tobago.
- Adams, H, Umaharan, P., Brathwaite, R.A.I., Mohammed, K (2007). Hotpepper production manual for Trinidad and Tobago.CARDI, St. Augustine, Trinidad.

Research Articles:

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- (3) Umaharan, P. Ariyanayagam, R.P. and Haque, S.Q. (1997). Effect of short-term waterlogging applied at various growth phases on growth, development and yield in *Vigna unguiculata*. Journal of Agricultural Science (Cambridge) 128; 189-198.
- (4) Umaharan, P. Ariyanayagam, R.P. and Haque, S.Q. (1997). Pod quality characteristics in vegetable cowpea (*Vigna unguiculata* L. Walp) and their inheritance. Scientia Horticulturae (The Netherlands) 70:281-292
- (5) Umaharan, P. Ariyanayagam, R.P. and Haque, S.Q. (1997). Genetic analysis of yield and its components in vegetable cowpea (*Vigna unguiculata* L. Walp). Euphytica 96:207-217.
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- (9) Iwaro, D.A. Sreenivasan, T.N. and Umaharan, P. (1997). Phytophthora resistance in cacao influence of pod morphological characteristics. Plant Pathology 46: 557-565.
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- (12) Iwaro, A.D., Sreenivasan, T.N. and Umaharan, P. (1998). Cacao resistance to *Phytophthora*: Effect of pathogen species, inoculation depths and pod maturity. European Journal of Plant Pathology 104: 11-15.
- (13) Iwaro, A.D., Sreenivasan, T.N and Umaharan, P. (1998). Mode of penetration of cocoa leaves by Phytophthora palmivora Butl. (Butl.). Tropical Agriculture (Special Edition). Advances in Tropical Agriculture in the 20th century and prospects in the 21st century. pp 321-322.
- (14) Mohamed, El, M. Umaharan, P. and R.H. Phelps (1997). The effect of genotype, seedling age and inoculation method on bacterial wilt resistance in tomato (*Lycopersicon esculentum*). CAJANAR 1(2): 1-7.
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- (18) Fakir, S.A., C.R. McDavid and P. Umaharan (1998). Rooting systems in Pigeonpea. Tropical Agric. (Trinidad) 75: 390-394
- (19) Fakir, S.A., Umaharan, P. and C.R. McDavid (1998). A modified method of estimating abscission in pigeonpea. Trop. Agric. 75: 393-395
- (20) Umaharan, P., Padidam, M., Phelps, R.H., Beachy, R.N., and Fauquet, C.M. (1998). Distribution and Diversity of Geminiviruses in Trinidad and Tobago. Phytopathology 88: 1262-1268.
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- (26) Rampersad, S.N., Umaharan, P. (2003) Detection of Begomoviruses in Clarified Plant Extracts: A Comparison of Standard, Direct-Binding, and Immunocapture Polymerase Chain Reaction Techniques. Phytopathology 93 (9): 1153-1157.

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"Regional Biotechnology Consultative Meeting: Charting a future for coorperation in the regulation of GMOs in LAC. Brasilia from 22 to 25 July 2003. UNIDO.

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