

## Forrest W. Nutter, Jr.

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### Education:

<u>Institution</u>	<u>Degree</u>	<u>Year</u>	<u>Field of Study</u>
University of Maryland	B.S.	June 1976	Botany
University of New Hampshire	M.S.	May 1978	Botany and Plant Pathology
The Pennsylvania State Univ.	--	June 1978- Nov. 1980	Plant Pathology
North Dakota State Univ.	Ph.D.	May 1983	Plant Pathology with minor in Plant Breeding/Statistics

### 2. *Published Books:*

Chakraborty, S., Leath, D. T., Skipp, R. A., Pederson, G. A., Bary, R. A., Latch, G. C. M., and Nutter, F. W., Jr. 1997. Pasture and Forage Crop Pathology. Am. Soc. Agron., Crop Sci. Soc. Am., and Soil Sci. Soc. Am., Madison, WI. 653 pp.

### 3. *Refereed Book Chapters and Proceedings (last three years):*

1. Coelho Netto, R. A., and Nutter, F. W. Jr. 2003. Use of GPS and GIS technologies to map the prevalence of Moko disease of banana in the Amazonas region of Brazil. Pages: xxx-xxx in: 3<sup>rd</sup> International Bacterial Wilt Symposium, White River, South Africa, APS Press, St Paul, MN. (in press).
2. Leandro, L. F. S., Gleason, M. L., Wegulo, S. N., and Nutter, F. W., Jr. 2002. Ecology of *Colletotrichum actutatum* on symptomless strawberry leaves. Pages 74-76 in: Strawberry Research to 2001, S. C. Hokanson and A. R. Jamieson, eds, Proceedings of the North American Strawberry Conference, 15 January 2000, Niagara Falls, Ontario, Canada, ASHS Press, Alexandria, VA.
3. Chong, C. S., Basart, J. P., Nutter, F. W., Jr., Tylka, G. L., and Guan, J. 2001. Use of remote sensing to determine plant health and productivity. Pages 484-493 in: Infrared Spaceborne Remote Sensing IX, 29 July - 3 August, San Diego, CA. Proceedings of the 46<sup>th</sup> Annual Meeting of the International Society for Optical Engineering, M. Strojnik, and B. F. Andersen, eds. Vol. 4486.
4. Nutter, F. W., Jr. 2001. Disease assessment terms and concepts. Pages 312-323 in: Encyclopedia of Plant Pathology, O. C. Maloy and T. D. Murray, eds. John Wiley and Sons, Inc., NY.
5. Nutter, F. W., Jr. 2001. New tools for epidemiology applied to disease management. Pages 146-156 in: Understanding Epidemics for Better Disease Management, 8<sup>th</sup> International Workshop on Plant Disease Epidemiology, 6-11 May, Ouro Preto, Brazil. 161 p.
6. Nutter, F. W., Jr., and Esker, P. D. 2001. Disease assessment keys. Pages 323-326 in: Encyclopedia of Plant Pathology, O. C. Maloy and T. D. Murray, eds. John Wiley and Sons, Inc., NY.
7. Nutter, F. W., Jr., and Guan, J. 2001. Disease losses. Pages 340-351 in: Encyclopedia of Plant Pathology, O. C. Maloy and T. D. Murray, eds. John Wiley and Sons, Inc., NY.

### 4. *Refereed Journal Articles (last four years):*

1. Esker, P. D., Obrycki, J., and Nutter, F. W., Jr. 2004. Trap height and orientation of yellow sticky traps affect capture of *Chaetocnema pulicaria* (Coleoptera: Chrysomelidae). *J. Econ. Entomol.* 97:145-149.
2. Guan, J., and Nutter, F. W., Jr. 2004. Comparison of single-point alfalfa yield models based on visual disease intensity and remote sensing assessments. *Canadian Journal of Plant Pathology* 25:xxx (accepted for publication)
3. Percifield, R. J., and Nutter, F. W., Jr. 2003. Effects of burning on the onset and development of plant diseases in tallgrass prairies. *Phytopathology* 93: (accepted for publication).
4. Esker, P. D., and Nutter, F. W., Jr. 2003. The temporal dynamics of flea beetle populations infested with *Pantoea stewartii*, the causal agent of Stewart's disease of corn. *Phytopathology* 93: 210-218.
5. Guan, J., and Nutter, F. W., Jr. 2003. Quantifying the intra-rater repeatability and inter-rater reliability of visual disease and remote sensing assessment methods in the alfalfa foliar disease pathosystem. *Canadian Journal of Plant Pathology* 25:143-149.
6. Leandro, L. F. S., Gleason, M. L., Nutter, F. W., Jr., Wegulo, S. N., and Dixon, P. M. 2003. Strawberry plant extracts stimulate secondary conidiation by *Colletotrichum acutatum* on symptomless leaves. *Phytopathology* 93:1285-1291.
7. Leandro, L. F. S., Gleason, M. L., Nutter, F. W., Jr., Wegulo, S. N., and Dixon, P. M. 2003. Influence of temperature and wetness duration on the ecology of *Colletotrichum acutatum* on symptomless strawberry leaves. *Phytopathology* 93: 513-520.
8. Batzer, J. C., Gleason, M. L., Dixon, P. M., and Nutter, F. W., Jr. 2002. Evaluation of post-harvest removal of sooty blotch and flyspeck on apples using sodium hypochlorite. *Plant Dis.* 86: 1325-1332.
9. Esker, P. D., and Nutter, F. W., Jr. 2002. Assessing the risk of Stewart's disease of corn through improved knowledge of the role of the corn flea beetle. *Phytopathology* 92: 668-670.
10. Esker, P. D., Obricki, J. J., and Nutter, F. W., Jr. 2002. Temporal distribution of *Chaetocnema pulicaria* (Coleoptera: Chrysomelidae) populations. *Journal of Economic Entomology* 95: 739-747.
11. Guan, J., and Nutter, F. W., Jr. 2002. Relationships between defoliation, leaf area index, canopy reflectance, and forage yield in the alfalfa-leaf spot pathosystem. *Computers and Electronics in Agriculture* 37: 97-112.
12. Guan, J., and Nutter, F. W., Jr. 2002. Relationships between percentage defoliation, dry weight, percentage reflectance, leaf-to-stem ratio, and green leaf area index in the alfalfa leaf spot pathosystem. *Crop Sci.* 42:1264-1273.
13. Leandro, L. F. S., Gleason, M. L., Wegulo, S. N., and Nutter, F. W., Jr. 2002. Survival and sporulation of *Colletotrichum acutatum* on symptomless strawberry leaves. *Acta Horticulturae* 567: 627-629.
14. McKirdy, S. J., Jones, R. A. C., and Nutter, F. W., Jr. 2002. Quantification of yield losses caused by barley yellow dwarf in oats and wheat in Western Australia. *Plant Dis.* 86: 769-773.
15. Nutter, F. W., Jr., Guan, J., Gotlieb, A. R., Rhodes, L. H., Grau, C. R., and Sulc, R. M. 2002. Quantifying alfalfa yield losses caused by foliar diseases in Iowa, Ohio, Wisconsin, and Vermont. *Plant Dis.* 86:269-277.
16. Nutter, F. W., Jr., Rubsam, R. R., Taylor, S. E., Harri, J. A., and Esker, P. D. 2002. Geospatially-referenced disease and weather data to improve site-specific forecasts for Stewart's disease of corn in the U.S. corn belt. *Computers and Electronics in Agriculture* 37:7-14.
17. Nutter, F. W., Jr., Tylka, G. L., Guan, J., Moreira, A. J. D., Marett, C. C., Rosburg, T. R., Basart, J. P., and Chong, C. S. 2002. Use of remote sensing to detect plant stress caused by soybean cyst nematode. *Journal of Nematology* 34: 222-231.
18. Steinlage, T. A., Hill, J. H., and Nutter, F. W., Jr. 2002. Temporal and spatial spread of soybean mosaic virus (SMV) in soybeans transformed with the coat protein gene of SMV. *Phytopathology* 92: 478-486.

19. Guan, J., and Nutter, F. W., Jr. 2001. Factors affecting the quality and quantity of sunlight reflected from alfalfa canopies. *Plant Dis.* 85:865-874.
20. Leandro, L. F. S., Gleason, M. L., Nutter, F. W., Jr., Wegulo, S. N., and Dixon, P. M. 2001. Germination and sporulation of *Colletotrichum acutatum* on symptomless strawberry leaves. *Phytopathology* 91:659-664.
21. Wang, X., Eggenberger, A. L., Nutter, F. W., Jr., and Hill, J. H. 2001. Pathogen-derived transgenic resistance to soybean mosaic virus in soybean. *Molecular Breeding* 8:119-127.
22. Nutter, F. W., Jr. 1999. Disease assessment theory and practice: "What we think we see is what we get". *Fitopatol. Bras.* 24:229-231.
23. Nutter, F. W., Jr. 1999. Epidemiological concepts in human, veterinary, and botanical epidemiology. *Ecosystem Health* 5:128-130.
24. Nutter, F. W., Jr. 1999. Understanding the interrelationships between botanical, human, and veterinary epidemiology: The Y's and R's of it all. *Ecosystem Health* 5:131-140.
25. Ward, J. M. J., Stromberg, E. L., Nowell, D. C., and Nutter, F. W., Jr. 1999. Gray leaf spot: A disease of global importance in maize production. *Plant Disease* 83:884-895.