



Cornell University  
College of Agriculture and Life Sciences  
New York State Agricultural Experiment Station



## *2008 CURRICULUM VITAE*

### **HELENE R. DILLARD**

**DEPARTMENT/UNIT:** Plant Pathology and Plant-Microbe  
Biology, Geneva

**TITLE:** Professor  
Director, Cornell Cooperative Extension  
Associate Dean, College of Agriculture & Life Sciences  
Associate Dean, College of Human Ecology

**CAMPUS ADDRESS:**

Cornell Cooperative Extension  
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Ithaca, NY 14853

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**EDUCATION:**

<u>Year</u>	<u>Degree</u>	<u>Institution</u>
1984	Ph.D.	University of California, Davis
1979	M.S.	University of California, Davis
1977	B.A./B.S.	University of California, Berkeley

## **ACADEMIC RANKS (year achieved)**

**Professor:** 1998

**Associate Professor:** 1990

**Assistant Professor:** 1984

## **PRIMARY DEPARTMENTAL/Unit PROGRAM AREA**

Research and extension on fungal diseases of vegetable crops  
Sustainable disease management; integrated pest management (IPM)

## **AREAS OF EXPERTISE (key words)**

- Extension/outreach, research/extension integration
- Biology, ecology and management of fungal and bacterial pathogens of vegetable crops
- Epidemiology of foliar pathogens
- Epidemiology of rust pathogens
- Pathogen identification and disease diagnosis
- Sustainable disease management strategies and IPM
- Disease management in transitional and organic cropping systems
- Control of pathogens in greenhouse vegetable crops
- Culinary and medicinal herb diseases
- Specializing in the following genera of pathogenic fungi: *Sclerotinia*, *Botrytis*, *Colletotrichum*, *Puccinia*, *Alternaria*

## **PROFESSIONAL OVERVIEW AND OBJECTIVES**

Overall program efforts concentrate on the biology, ecology, and management of fungal diseases of vegetables and dissemination of the information to the vegetable industry. Major projects have included studies on the epidemiology and management of anthracnose diseases with emphasis on *Colletotrichum lindemuthianum* on beans and *Colletotrichum coccodes* on tomatoes; biology and management of *Sclerotinia sclerotiorum* on beans and cabbage with an emphasis on cultural practice management, and biological and chemical control strategies; biological control of *Botrytis cinerea* on greenhouse tomatoes; epidemiology and sustainable management of *Alternaria* leaf spot on crucifers caused by *Alternaria brassicicola*; quantitative epidemiology and management of rust caused by *Puccinia sorghi* on sweet corn; and epidemiology of Stewart's bacterial wilt of corn caused by *Erwinia stewartii*. Project foci for 2007 were on sustainable management of *Sclerotinia sclerotiorum* on snap and dry beans and development of a mold control decision tool for snap and dry bean producers, identification and control of soybean rust (*Phakopsora pachyrhizi*) on snap and dry beans, quantitative epidemiology of *Puccinia sorghi* on sweet corn in New York State, and identification of the causal agent of "spotty beans" and sustainable disease control strategies. Vegetable disease information is disseminated to local, regional, and statewide extension educators, to fresh and processing food industry representatives, and to private crop consultants. Dissemination mechanisms include oral presentations at meetings

organized by extension educators and private industry, hands-on training at disease workshops, newsletter articles, and fact sheets.

## **PROFESSIONAL EXPERIENCE**

<b><u>Year</u></b>	<b><u>Experience</u></b>
2002-	Assoc. Dean Colleges of Agriculture & Life Sciences, and Human Ecology
2002-	Director Cornell Cooperative Extension
2001-02	Associate Director Cornell Cooperative Extension
1998-	Professor, Department of Plant Pathology, Cornell University, NYSAES
1997-2001	Chair, Department of Plant Pathology, Cornell University, NYSAES
1990-97	Assoc. Professor, Department Plant Pathology, Cornell University, NYSAES
1984-90	Assist. Professor, Dept. of Plant Pathology, Cornell University, NYSAES
1979-83	Graduate Research Assistant, UC Davis, Plant Pathology
1978-79	Graduate Research Assistant, UC Davis, Soil Science
1977	Laboratory Assistant, University of California, Berkeley, Plant Nutrition
1976	Laboratory Assistant, University of California, Berkeley, Soil Science

## **SABBATICALS AND STUDY LEAVES (year, project, location)**

1992 (3 mo.) Visiting Scientist, Department of Agriculture, Northfield Research Laboratories, Adelaide, South Australia, Australia. Project objective was to determine pesticide use patterns of potato growers in South Australia, and suggest areas for research on reducing pesticide inputs through greater use of forecasts, thresholds, and other predictive systems.

## **INTERNATIONAL EXPERIENCE**

Scientific Exchange visit to the People's Republic of China under the UC Davis-China agreement, October 20 to November 3, 2007. The objective of this trip was to exchange ideas on integrated pest management techniques for use on vegetable and fruit crops, and best ways to disseminate information via the extension system.

Scientific Exchange visit to the People's Republic of China under the Cornell-China agreement, July 6-16, 2000. Exchange was with Shenyang University scientists studying biological control of vegetable pathogens and sustainable vegetable production practices.

Comprehensive review of the College of Agriculture, American University of Beirut, Lebanon, June 5-13, 1999. Participated in a comprehensive review of the teaching, research, and outreach programs in the college. Initiated discussions on collaborative research with Cornell University.

Comprehensive review of the College of Agriculture, American University of Beirut, Lebanon, June 5-13, 1999. Participated in a comprehensive review of the teaching, research, and outreach programs in the college. Initiated discussions on collaborative research with Cornell University.

Return visit to Zimbabwe, Africa, in May of 1998, sponsored by the CIIFAD program. Assessed the impact of the previously produced disease fact sheets on smallholder producers and their management practices. Prioritized disease and insect research and outreach needs.

Return visit to Zimbabwe, Africa, in May of 1998, sponsored by the CIIFAD program. Assessed the impact of the previously produced disease fact sheets on smallholder producers and their management practices. Prioritized disease and insect research and outreach needs.

Leadership exchange visit to Brazil under the National Extension Leadership Development program (Class V), November 3-16, 1996. Member in a class of 25 Extension professionals in a leadership development program exploring fundamental changes in a foreign society and comparing those with changes in the US.

Scientific exchange visit to the People's Republic of China under the US-PRC Agreement on Agricultural Cooperation in Science and Technology, October 11-25, 1996. Member of 5 person interdisciplinary team of scientists from Cornell University looking at biological control of vegetable pests and specific projects for future collaboration.

Consultation visit on CIIFAD program to Zimbabwe, Africa, March 1993; determined pest management needs of small farmers in Zimbabwe and discussed solutions; advised on projects and possible graduate student research that could link the two universities; prepared 3 extension fact sheets for use in Zimbabwe.

Consultation visit on CIIFAD program to Zimbabwe, Africa, March 1993; determined pest management needs of small farmers in Zimbabwe and discussed solutions; advised on projects and possible graduate student research that could link the two universities; prepared 3 extension fact sheets for use in Zimbabwe.

Attended the British Society of Plant Pathology Anniversary Meeting, Bath, England, December 1990. Participated in the *Colletotrichum* workshop; poster presentation on *Colletotrichum coccodes* research.

Invited participant on a tour of major crucifer seed production areas in Holland, September 1989. Presented a seminar on disease control in cabbage, with emphasis on cabbage diseases affecting production in New York.

Invited speaker at a workshop on cabbage pest management at Escuela Agricola Panamericana, El Zamorano, in Honduras, March 1988. Information on cabbage disease control given in an oral presentation. Discussed possible cooperative projects on control of *Mycosphaerella* on cabbage.

## HONORS AND AWARDS

- *APS FELLOW, The American Phytopathological Society, 2006*
- National Extension Leadership Development Class V, Next Age Leadership Recognition award, 1997
- Recognition of Outstanding Service as Senior Councilor-at-Large, The American Phytopathological Society, 1999
- Excellence in Extension Award, American Phytopathological Society, 1992
- Special citation for Extension Faculty, New York State Association of County Agricultural Agents, 1991
- New York State College of Agriculture and Life Sciences Travel Fellowship, 1988, Japan (Kyoto and Hokkaido)

## GRADUATE FIELD MEMBERSHIPS

Plant Pathology  
Plant Protection

## GRADUATE MAJORS

- **Current**  
Amara Ruth Camp, MS, 12/08
- **Total Completed**  
Judson Reid, MPS, 5/04  
Nephtali Ntahimpera, PhD, 8/95  
Wendy Wison, PhD, 8/95

## GRADUATE MINORS

- **Current**  
Charles Juma Wasonga, PhD, 2010, Horticulture
- **Total Completed (names and dates)**  
Heidi Rapp, MS, 6/04  
Muhammed Tonguc, PhD, 6/04  
Steven King, PhD, 8/94  
Christopher Hoffman, PhD, 8/90

## PROFESSIONAL SOCIETIES

American Phytopathological Society, 1978-present

Serving as a manuscript reviewer for the refereed journals:

*Plant Disease*

*Phytopathology*

Sigma Xi, 1984-present  
Gamma Sigma Delta, 1995-present  
Epsilon Sigma Phi, 1995-present  
Alpha Zeta, 2007-present

## **PUBLICATIONS**

**HELENE R. DILLARD**

### **Refereed Journal Articles**

Shah, D.A., and Dillard, H. R. 2006. Yield loss in sweet corn caused by *Puccinia sorghi*: a meta-analysis. *Plant Disease* 90:1413-1418.

Shah, D.A., Dillard, H. R., Mazumdar-Leighton, S., Gonsalves, D., and Nault, B.A. 2006. Incidence, spatial patterns, and associations among viruses in snap bean and alfalfa in New York. *Plant Disease* 90:203-210.

Shah, D.A., Dillard, H.R., and Nault, B.A. 2005. Sampling plans for the incidence of aphid-transmitted viruses in snap bean. *Phytopathology* 95: 1405-1411.

Dillard, H.R., Cobb, A.C., Shah, D.A., and Straight, K.M. 2005. Identification and Characterization of Russet on Snap Beans Caused by *Plectosporium tabacinum*. *Plant Disease* 89:700-704.

Nault, B. A., Shah, D. A., Dillard, H. R., and McFaul, A.C. 2004. Seasonal and spatial dynamics of alate aphid dispersal in snap bean fields in proximity to alfalfa and implications for virus management. *Environmental Entomology* 33(6):1593-1601.

Cobb, A.C., and H.R. Dillard, G.L. 2004. Production of Apothecia and Ascospores of *Sclerotinia sclerotiorum*. *The Plant Health Instructor*. DOI: 10.1094/PHI-T-2004-0604-01.

Bellinder, R. R., Dillard H. R., and Shah, D. A. 2004. Weed seedbank community responses to crop rotation schemes. *Crop Protection* 23: 95-101.

Dillard, H. R., Bellinder, R. R., and Shah, D. A. 2004. Integrated management of weeds and diseases in a cabbage cropping system. *Crop Protection* 23: 163-168.

Shah, D.A., Dillard, H. R., and Cobb, A. C. 2002. Alternatives to vinclozolin (Ronilan) for controlling gray and white mold on snap bean pods in New York. *Plant Health Progress* : <http://www.plantmanagementnetwork.org/pub/php/research/snapbean/>.

Wilson, W. J., Dillard, H. R., and Beer, S. V. 1999. Assessment of phenotypic variability in *Erwinia stewartii* based on metabolic profiles. *Plant Disease* 83:114-118.

Cobb, A. C., and Dillard, H. R. 1998. *Thlaspi arvense*, a new host for *Alternaria brassicicola*. Plant Disease 82: 960.

Dillard, H. R., and Cobb, A. C. 1998. Survival of *Colletotrichum coccodes* in infected tomato tissue and in soil. Plant Disease 82: 235-238.

Dillard, H. R., Cobb, A. C., and Lamboy, J. S. 1998. Transmission of *Alternaria brassicicola* to cabbage by flea beetles (*Phyllotreta cruciferae*). Plant Disease 82: 153-157.

Dillard, H. R., and Cobb, A. C. 1997. Disease progress of black dot on tomato roots, and reduction in disease incidence by foliar applied fungicides. Plant Disease 81: 1439-1442.

Dillard, H. R., Johnston, S. A., Cobb, A. C., and Hamilton, G. H. 1997. An assessment of fungicide benefits for the control of fungal diseases of processing tomatoes in New York and New Jersey. Plant Disease 81: 677-681.

Lamboy, J. S., and Dillard, H. R. 1997. First report of a leaf spot caused by *Cladosporium oxysporum* on greenhouse tomato. Plant Disease 81: 228.

Ntahimpera, N., Dillard, H. R., Cobb, A. C., and Seem, R. C. 1997. Influence of tillage practices on anthracnose development and distribution in dry bean field plots. Plant Disease 81: 71-76.

Ntahimpera, N., Dillard, H. R., Cobb, A. C., and Seem, R. C. 1996. Anthracnose development in mixtures of resistant and susceptible dry bean cultivars. Phytopathology 86: 668-673.

Dillard, H. R., and Cobb, A. C. 1995. Relationship between leaf injury and colonization of cabbage by *Sclerotinia sclerotiorum*. Crop Protection 14 (8): 677-682.

Dillard, H. R., Ludwig, J. W., and Hunter, J. E. 1995. Conditioning sclerotia of *Sclerotinia sclerotiorum* for carpogenic germination. Plant Disease 79: 411-415.

Dillard, H. R., Cobb, A. C., Garman, W. C. and Brewer, R. 1995. First report of zonate leaf spot on tomato, caused by *Cristulariella moricola*, in New York. Plant Disease 79: 319.

Wilson, W. J., Wiedmann, M., Dillard, H. R., and Batt, C. A. 1994. Identification of *Erwinia stewartii* by a ligase chain reaction assay. Applied and Environmental Microbiology 60: 278-284.

Dillard, H. R., and Cobb, A. C. 1993. Survival of *Colletotrichum lindemuthianum* in bean debris in New York State. Plant Disease 77: 1233-1238.

Dillard, H. R., Wicks, T. J., and Philp, B. 1993. A grower survey of diseases, invertebrate pests and pesticide use on potatoes grown in South Australia. Australian Journal of Experimental Agriculture 33: 653-661.

Dillard, H. R., Cobb, A. C., and Call, N. G. 1992. Powdery mildew of carrot in New York. *Plant Disease* 76: 972.

Dillard, H. R., Cobb, A. C., and Bozard, B. T. 1991. Velvetleaf, a new host for *Sclerotinia sclerotiorum*. *Plant Disease* 75: 863.

Dillard, H. R., and Seem, R. C. 1990. Use of an action threshold for common maize rust to reduce crop loss in sweet corn. *Phytopathology* 80: 846-849.

Dillard, H. R., and Seem, R. C. 1990. Incidence-severity relationships for common maize rust on sweet corn. *Phytopathology* 80: 842-846.

Dillard, H. R. 1989. Effect of temperature, wetness duration, and inoculum density on infection and lesion development of *Colletotrichum coccodes* on tomato fruit. *Phytopathology* 79: 1063-1066.

Dillard, H. R., and Kline, W. L. 1989. An outbreak of Stewart's bacterial wilt of corn in New York State. *Plant Disease* 73: 273.

Dillard, H. R. 1988. Influence of temperature, pH, osmotic potential and fungicide sensitivity on germination of conidia and growth from sclerotia of *Colletotrichum coccodes* *in vitro*. *Phytopathology* 78: 1357-1361.

Dillard, H. R., and Abawi, G. S. 1988. Occurrence of *Aphanomyces euteiches* f.sp. *phaseoli* on beans in New York State. *Plant Disease* 72:912.

Dillard, H. R., and Hunter, J. E. 1988. Fungal induced blemishes of sugar snap peas associated with adherence of blossom parts to the pods. *HortScience* 23(5):847-848.

Dillard, H. R. 1987. Characterization of isolates of *Rhizoctonia solani* from lima beans grown in New York State. *Phytopathology* 77:748-751.

Dillard, H. R., and Hunter, J. E. 1986. Association of common ragweed with *Sclerotinia* rot of cabbage in New York State. *Plant Disease* 70:26-28.

Dillard, H. R., and Grogan, R. G. 1985. Influence of green manure crops and lettuce on sclerotial populations of *Sclerotinia minor*. *Plant Disease* 69:579-582.

Dillard, H. R., and Grogan, R. G. 1985. Relationship between sclerotial spatial pattern and density of *Sclerotinia minor* and the incidence of lettuce drop. *Phytopathology* 74:90-94.

Roberts, H. M., Reisenauer, H. M., and Carlson, R. M. 1980. Determination of ammonium, amides, and soluble carboxylates in plant tissues. *J. of Plant Nutrition* 2:395-405.

## **Abstracts - Papers Presented at Professional Meetings**

Shah, D. A., and Dillard, H. R. 2007. Relevance to the binary power law of probability distribution choice for estimating the theoretical variance of a random pattern. *Phytopathology* 97:S179.

Shah, D. A., and Dillard, H. R. 2007. A spatial hierarchy model for the incidence of *Sclerotinia sclerotiorum* in snap bean. *Phytopathology* 97: S107.

Dillard, H.R. and Cobb, A.C. 2006. *Fusarium avenaceum*, a new fungal head rot of cabbage in New York. *Phytopathology* 96:S30.

Massey, D. A., Shah, D. A., Dillard, H. R. 2005. Spectrum of virulence in the *Puccinia sorghi* population. *Phytopathology* 96:S180. Online

Shah, D. A., and Dillard, H.R. 2005. Meta-analysis of yield losses due to common rust in sweet corn. *Phytopathology* 96:S182. Online

Cobb, A.C., and Dillard, H.R. 2005. Effect of Contans on sclerotia populations in the field; inoculum potential of carpogenically germinated sclerotia of *Sclerotinia sclerotiorum*. 13<sup>th</sup> International *Sclerotinia* Workshop, page 69.

Shah, D. A., and Dillard, H. R. 2005. Identifying possible initial inoculum sources for common rust on sweet corn using back trajectory analyses. *Phytopathology* 95:S172.

Dillard, H. R., and Cobb, A. C. 2004. Russet on snap beans, a new disease caused by *Plectosporium tabacinum* in New York and Maryland. *Phytopathology* 94:S26.

Shah, DA, and Dillard, HR. 2004. Possible sources of *Puccinia sorghi* inoculum initiating rust epidemics on sweet corn in western New York, 2002. *Phytopathology* 94:S95.

Shah, D. A., Nault, B. A., Dillard, H. R., Mazumdar-Leighton, S., and Gonsalves, D. 2003. Incidence and spatial patterns of viruses in New York snap beans in 2002. *Phytopathology* 93:S78. <http://www.apsnet.org/meetings/2003/abstracts/a03ma571.htm>

Dillard, H. R., and Cobb, A. C. 2002. Parasitism of sclerotia of *Sclerotinia sclerotiorum* by *Coniothyrium minitans*. *Phytopathology* 92:S105.

Dillard, H. R., Lamboy, J.S., and Cobb, A. C. 1998. Association between flea beetle infestations and incidence of *Alternaria* leaf spot on cabbage. Joint ESA/APS meeting. *Phytopathology*.

Dillard, H. R., Lamboy, J.S., and Cobb, A. C. 1998. Association between flea beetle infestations and incidence of *Alternaria* leaf spot on cabbage. Joint ESA/APS meeting. *Phytopathology*.

Wilson, W. J., Beer, S. V., and Dillard, H. R. 1996. Phenotypic variability in *Pantoea stewartii* based on metabolic profiles. *Phytopathology* 86: S77.

Lambooy, J. S., Cobb, A. C., and Dillard, H. R. 1996. Evaluation of Mycostop for prevention of gray mold in a commercial tomato greenhouse production system. *Phytopathology* 86: S23.

Cobb, A.C., and Dillard, H. R. 1996. A reliable method for producing ascospores of *Sclerotinia sclerotiorum* in vitro. *Phytopathology* 86: S94.

Lambooy, J. S., Cobb, A. C., and Dillard, H. R. 1996. Evaluation of two biocontrol agents for prevention of gray mold in pruning wounds of greenhouse tomatoes. Cornell Community Conference on Biological Control.  
<http://www.nysaes.cornell.edu/ent/bcconf/abstracts2.html#lambooy>

Evans, T. A., Rouse, R. J., Ringer, C. E., Kantzes, J. G., and Dillard, H. R. 1995. Occurrence of *Microdochium* blight of squash on the Delmarva Peninsula. *Phytopathology* 85:1195.

Ntahimpera, N., Dillard, H. R., Seem, R. C., and Cobb, A. C. 1995. Efficacy of mixtures of dry bean cultivars in reducing anthracnose development. *Phytopathology* 85:1127.

Johnston, S. A., and Dillard, H. R. 1994. Assessment of fungicide benefits for the control of anthracnose on processing tomatoes in the northeast, 1993. *Proceedings of the Second National Integrated Pest Management Symposium/Workshop*, page 127.

Ntahimpera, N., Dillard, H. R., Cobb, A. C., and Seem, R. C. 1994. Bean anthracnose development in different tillage practices. *Phytopathology* 84: 1374.

Wilson, W. J., Batt, C. A., Dillard, H. R. 1994. Evaluation of a non-isotopic PCR-coupled ligase chain reaction assay for specificity to *Erwinia stewartii*. *Phytopathology* 84:1087.

Ntahimpera, N., Dillard, H. R., Cobb, A. C., and Seem, R. C. 1994. Development of anthracnose in mixtures of dry bean cultivars. *Phytopathology* 84:1071.

Wilson, W. J., Batt, C. A., Dillard, H. R. 1994. A non-isotopic PCR-coupled LCR reaction assay for the identification of *Erwinia stewartii*. *Phytopathology* 84:549.

Dillard, H. R., and Cobb, A. C. 1993. Persistence of *Colletotrichum coccodes* on tomato roots and in soil. *Phytopathology* 83:1345.

Wilson, W. J., Wiedmann, M., Dillard, H. R., and Batt, C. A. 1993. Development of a ligase chain reaction assay for identification of *Erwinia stewartii*. *Abstracts of the 93rd Annual Meeting of the American Society of Microbiology*, Q105, page 365.

Dillard, H. R. 1990. Factors affecting growth, infection of tomato fruit, and survival of *Colletotrichum coccodes*. British Society for Plant Pathology Abstracts. Page 47-48.

Dillard, H. R. 1990. Survival of *Colletotrichum coccodes* in New York. Phytopathology 80:1026.

Dillard, H. R. 1990. Survival of *Colletotrichum lindemuthianum* in dry bean debris. Phytopathology 80:118.

Dillard, H. R., and Seem, R. C. 1988. Use of incidence-severity relationships for management of common maize rust on sweet corn. Proceedings of 5th International Congress of Plant Pathology. Page 291.

Dillard, H. R., and Seem, R. C. 1987. Common maize rust on sweet corn in New York State. Proceedings of the Forty-Second Annual Northeastern Corn Improvement Conference, page 35-38.

Dillard, H. R., and Seem, R. C. 1987. Use of incidence-severity relationships to determine the action threshold for common maize rust on sweet corn. Phytopathology 77:1700.

Dillard, H. R., and Seem, R. C. 1987. Influence of common maize rust on yield components of processing sweet corn. Phytopathology 77:1748.

Dillard, H. R., and Wallis, G. 1986. Rhizoctonia pod and bean rot of baby lima beans in New York State. Phytopathology 76:651.

Dillard, H. R., and Hunter, J. E. 1985. Association of common ragweed with *Sclerotinia* rot of cabbage in New York State. Phytopathology 75:1287.

Dillard, H. R., and Grogan, R. G. 1984. Relationship between sclerotial populations of *Sclerotinia minor* and the incidence of lettuce drop. Phytopathology 74:839.

Dillard, H. R., Stowell, L. J., and Grogan, R. G. 1983. Population dynamics of *Sclerotinia minor* in naturally infested lettuce fields. Phytopathology 73:958.

### **Technical Articles**

Cobb, A. C., Dillard, H. R., and Strauss, J. 2008. Evaluation of pesticides for control of white and gray mold in snap beans, field Crittenden, 2007. Plant Disease Management Reports (online) The American Phytopathological Society. St. Paul, MN. In press.

Cobb, A. C., Dillard, H. R., and Strauss, J. 2008. Evaluation of pesticides for control of white and gray mold in snap beans, field RN31, 2007. Plant Disease Management Reports (online) The American Phytopathological Society. St. Paul, MN. In press.

Cobb, A. C., Dillard, H. R., and Taras, J. L. 2007. Evaluation of foliar sprays for control of white mold in dry beans, 2006. Plant Disease Management Reports (online) . Report 1:V082. DOI: 10.1094/PDMR01. The American Phytopathological Society, St. Paul, MN.

Cobb, A. C., Dillard, H. R., and Taras, J. L. 2007. Evaluation of pesticides for control of white and gray mold in snap beans, 2006. Plant Disease Management Reports (online). Report 1:V083. DOI: 10.1094/PDMR01. The American Phytopathological Society. St. Paul, MN.

Cobb, A. C., Dillard, H. R., and Amsel, N. A. 2006. Evaluation of foliar sprays for control of white mold in dry beans, 2005. Fungicide and Nematicide Tests (online) Report 61:FC033. DOI: 10.1094/FN61. The American Phytopathological Society. St. Paul, MN.

Cobb, A. C., Dillard, H. R., and Amsel, N. A. 2006. Evaluation of foliar sprays for control of white and gray mold in snap beans, field 48a, 2005. Fungicide and Nematicide Tests (online) Report 61:V017. DOI: 10.1094/FN61. The American Phytopathological Society. St. Paul, MN.

Cobb, A. C., Dillard, H. R., and Amsel, N. A. 2006. Evaluation of chemicals and biopesticides for control of white and gray mold in snap beans in Geneva, NY, field 48b, 2005. Fungicide and Nematicide Tests (online) Report 61:V018. DOI: 10.1094/FN61. The American Phytopathological Society. St. Paul, MN.

Cobb, A. C., Dillard, H. R., and Amsel, N. A. 2006. Evaluation of pesticides for control of white and gray mold in snap beans, field 48c, 2005. Fungicide and Nematicide Tests (online) Report 61:V019. DOI: 10.1094/FN61. The American Phytopathological Society. St. Paul, MN.

Cobb, A. C., Dillard, H. R., and Amsel, N. A. 2006. Evaluation of chemicals and biopesticides for control of white and gray mold in snap beans, field 48c, 2005. Fungicide and Nematicide Tests (online) Report 61:V020. DOI: 10.1094/FN61. The American Phytopathological Society. St. Paul, MN.

Cobb, A. C., Dillard, H. R., and Amsel, N. A. 2006. Evaluation of foliar sprays for control of white and gray mold in snap beans, field 49, 2005. Fungicide and Nematicide Tests (online) Report 61:V021. DOI: 10.1094/FN61. The American Phytopathological Society. St. Paul, MN

Cobb, A.C., Dillard, H.R., and Amsel, N.A. 2005. Evaluation of foliar sprays for control of white and gray mold in snap beans, 2004. Fungicide and Nematicide Tests (online) Report 60:V079. DOI: 10.1094.FN60. The American Phytopathological Society. St. Paul, MN.

Reid, J. E., Dillard, H. R., and Cobb, A. C. 2005. Evaluation of fungicide alternatives for control of *Pythium* damping-off in greenhouse cucumbers, 2003. Fungicide and Nematicide Tests (online) Report 60:V101. DOI:10.1094/FN60. The American Phytopathological Society. St. Paul, MN.

Cobb, A.C., and Dillard, H.R. 2005. Evaluation of several rates of Endura for control of white and gray mold in snap beans in the mist chamber, 2004. Fungicide and Nematicide Tests (online) Report 60:V061. DOI: 10.1094/FN60. The American Phytopathological Society. St. Paul, MN.

Cobb, A. C., Dillard, H. R., Amsel, N. A., Pollicove, S. M., and Witt, E. P. 2004. Evaluation of foliar sprays for control of white and gray mold in snap beans in Geneva, NY, 2003. Fungicide and Nematicide Tests (online) Report 59:V001. DOI: 10.1094/FN59. The American Phytopathological Society. St. Paul, MN.

Cobb, A. C., Dillard, H. R., Amsel, N. A., Pollicove, S. M., and Witt, E. P. 2004. Control of white mold on tomatoes with Topsin M in Geneva, NY, 2003. Fungicide and Nematicide Tests (online) Report 59:V0\_\_. DOI: 10.1094/FN59. The American Phytopathological Society. St. Paul, MN.

Dillard, H. R., Cobb, A. C., Spratley, T. M., and Witt, E. P. 2003. Control of powdery mildew on tomatoes with Topsin M in Geneva, NY, 2002. Fungicide and Nematicide Tests (online) Report 58:V012. DOI: 10.1094/FN58. The American Phytopathological Society. St. Paul, MN.

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