

Final Outcome/Output Plan Report
2012 Program Develop Plan – Support of County Extension Agent Programs

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Individual Presentations in support of County Extension Agent Programs

1. January 2012, *Cotton Pests – Efficacy and Fit of New Insecticide Chemistries for Texas Cotton*, Moore/Sherman Cotton Meeting, Dumas, TX (organized Extension Program)
2. January 2012, *Cotton Pests – Efficacy and Fit of New Insecticide Chemistries for Texas Cotton*, Carson County Cotton Production Meeting, Groom, TX (organized Extension Program)
3. January 2012, *Cotton Pests – Efficacy and Fit of New Insecticide Chemistries for Texas Cotton*, Hansford/Hutchinson County Production Meeting, Spearman, TX (organized Extension Program)
4. January 2012, *Cotton Pests – Efficacy and Fit of New Insecticide Chemistries for Texas Cotton*, Ochiltree/Lipscomb County Cotton Production Meeting, Perryton, TX (organized Extension Program)
5. January 2012, *Stored Grain Aeration*, 2011 Texas High Plains Grain Elevator Workshop, Amarillo, TX (organized Extension Program)
6. February 2012, *Entomology 101/Landscape and Ornamental Pests/Homeowner Insecticide Training*, Potter County Master Gardener Training, Amarillo, TX (organized Extension Program)
7. February 2012, *Can Corn Rootworms Develop Resistance to Bt Corn in the Texas High Plains/Moth Trapping Project*, 5th Annual Ag Appreciation Day, Dalhart, TX (organized Extension Program)
8. February 2012, *Moth Trapping Studies/New Cotton Pesticides on the Horizon*, Deaf Smith Cotton Conference, Hereford, TX (organized Extension Program)
9. March 2012, *Entomology 101/Landscape and Ornamental Pests*, Randall County Master Gardener Training, Canyon, TX (organized Extension Program)
10. May 2012, *Aquatic Insect Ecology*, Ag Field Day for AISD 4th graders, Amarillo, TX (organized Extension Program)
11. May 2012, *Armyworms and Cutworms in Wheat*, Carson County Wheat Tour and Meeting (organized Extension Program)
12. May 2012, *Armyworms and Cutworms in Wheat*, Ochiltree/Lipscomb Wheat Field Day, Perryton, TX (organized Extension Program)
13. May 2012, *Plant Pest Display*, Texas A&M AgriLife Research and Extension “Wheat and Water Issues” Wheat Field Day, Bushland, TX (organized Extension Program)
14. June 2012, Potter County Horticulture Tour, *Horticulture Pests*, (organized Extension Program)
15. July 2012, *Basic Entomology and Landscape and Tree Pest Management*, Hemphill and Wheeler County Master Gardener Training, Wheeler, TX (organized Extension Program)
16. July 2012, Biological Control of Saltcedar, Briscoe County Ag Producers Meeting, Silverton, TX (organized Extension Program)
17. August 2012, *Wheat Insect Issues*, Gray County Wheat Planning Conference, Pampa, TX (organized Extension Program)
18. August 2012, *Corn Moth Trapping Project in the Texas Panhandle and Spider Mite Research on Drought Tolerant Corn*, Hutchinson County Corn Irrigation Conference, Morse, TX (organized Extension Program)
19. August 2012, *Spider Mite Research on Drought Tolerant and Non-Drought Tolerant Corn under Different Irrigation Levels*, Texas North Plains Corn Irrigation Research and Extension Field Day, (organized Extension Program)

20. August 2012, *Spider Mite Research on Drought Tolerant and Non-Drought Tolerant Corn under Different Irrigation Levels*, Sherman County Corn Irrigation Conference, Stratford, TX (organized Extension Program)
21. August 2012, *Ornamental and Turf Insect Controls*, Gray County Right of Way Meeting, Pampa, TX (organized Extension Program)
22. September 2012, *Cotton Insect Management*, Carson/Gray Cotton Meeting and Tour, Panhandle, TX (organized Extension Program)
23. December 2012, *Wheat Pest Update*, Armstrong County Fall Production Meeting, Claude, TX (organized Extension Program)

Summary of Extension Presentations			
Year	Number of Presentations	Content/Subject	Contacts
2012	23	Field crop IPM for corn, grain sorghum, cotton, and wheat (including Bt technology, spider mite management, Panhandle moth trapping project, saltcedar beetle) and Urban IPM (master gardener training, saltcedar beetle, aquatic insects)	2,112

Individual Contacts in support of County Extension Agents

	Office	On-Site	Phone	Mail/Email	Website	By Volunteers
Total All Contacts	9	0	104	267	0	0

County Agent Training and Science Conference

- April 2012, *Research/Demonstration and Experimental Design Training*, District 1, 2, & 3 Agent Training, Tulia, TX – 10 total
- September 2012, *Horticulture Pest Training*, District 1, 2, & 3 Agent Training, Amarillo, TX – 9 total
- November 2012, *Early Season Pre-tassel Miticide applications for Mite Control*, Ed Bynum, Texas AgriLife Extension Service / Department of Entomology, Texas A&M University, 2012 Entomology Science Conference, College Station, TX

Newsletters

- **Bynum, E. D.** 2012. *Panhandle Pest Update, 12 issues.*
<http://amarillo.tamu.edu/facultystaff/ed-bynum/newsletters/>