

Dr. Joshua A. McGinty

Current Title: Assistant Professor and Extension Agronomist

Appointment: 100% Extension

Physical Address:

10345 State Hwy 44, Corpus Christi, TX 78406

Email Address: jmcginty@tamu.edu

Education:

Ph.D., Agronomy, Texas A&M University, 2014
M.S., Rangeland Ecology and Management, Texas A&M University, 2012
B.S., Natural Resource Management, Angelo State University, 2009

Extension Focus:

My goal is to provide leadership for Extension programming and applied research in field crops and forages for the Texas Gulf Coast and Lower Rio Grande Valley. Programming will be coordinated with county Extension agents, state-wide colleagues, and industry personnel in order to provide high-quality information to growers in this highly productive region of Texas.

Professional Accomplishments (limit to bullet statements):

- Conducted research on the occurrence and management of glyphosate-resistant weeds in central Texas cotton.
- Conducted droplet size spectra analyses of herbicide sprays using laser diffraction
- Conducted over 35 range and pasture weed control studies
- Assisted with over 100 weed control studies in corn, cotton, soybean, grain sorghum, vegetables, and turfgrass
- Presented data at several professional meetings
- Presented at several extension field days, crop tours, etc.

Recent Publications (limit to 10 most recent):

McGinty, J.A., P.A. Baumann, G.D. Morgan, M.E. Matocha, and L.M. Etheredge. 2014. Management of glyphosate resistant common waterhemp in Texas cotton cultures. Proceedings of the 54th Meeting of the Weed Science Society of America. Vancouver, BC.

M.E. Metting, P.A. Baumann, G.D. Morgan, P.A. Dotray, M.E. Matocha, J.A. McGinty, and M.R. Manuchehri. 2014. Cotton injury from tank contamination levels of 2,4-D. Proceedings of the Southern Weed Science Society 67th Annual Meeting. Birmingham, AL.

McGinty, J.A., P.A. Baumann, M.E. Matocha, G.D. Morgan, and L.M. Etheredge. 2014. Occurrence of glyphosate resistant common waterhemp and management strategies or central Texas cotton. Proceedings of the Southern Weed Science Society 67th Annual Meeting. Birmingham, AL.

Matocha, M.E., P.A. Baumann, J.A. McGinty, and T.W. Janak. 2014. Forage Tolerance and weed management with aminocyclopyrachlor in Texas pastures. Proceedings of the Southern Weed Science Society 67th Annual Meeting. Birmingham, AL.

McGinty, J.A. and P.A. Baumann. 2013. Broadleaf weed control with aminocyclopyrachlor products. 25th Annual Texas Plant Protection Conference. Bryan, TX.

Baumann, P.A., M.E. Matocha, and J.A. McGinty. 2013. 2013 Weed Control Trials. Texas A&M Agrilife Extension Service.

Baumann, P.A., J.A. McGinty, and M.E. Matocha. 2013. Aminocyclopyrachlor performance for weed and brush management in Texas. Proceedings of the Southern Weed Science Society 66th Annual Meeting. Houston, TX. p. 264.

McGinty, J.A., P.A. Baumann, G.D. Morgan, M.E. Matocha, and L.M. Etheredge. 2013. Glyphosate resistant weed management in Texas cotton. Proceedings of the Southern Weed Science Society 66th Annual Meeting. Houston, TX. p. 174.

McGinty, J.A., P.A. Baumann, M.E. Matocha, and L.M. Etheredge. 2012. Herbicide resistant weeds in Texas: an update and management options. 24th Annual Texas Plant Protection Conference. Bryan, TX.

Baumann, P.A., M.E. Matocha, T.W. Janak, and J.A. McGinty. 2012. 2012 Weed Control Trials.

Texas A&M Agrilife Extension Service. 305 p.

Professional Memberships, Leadership Roles and Honors:

1. Weed Science Society of America, 2012-2014
2. Southern Weed Science Society, 2012-2014
3. Texas Plant Protection Association, 2012-2014