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Current Position

Assistant Professor and State Extension Cotton Specialist

Appointment

100% Extension

Education

Louisiana State University	
Ph.D. – Agronomy	2017
Texas A&M University	
M.S. – Agronomy	2012
Texas A&M University	
B.S. – Agronomy	2008

Program Overview

The primary goal of the state-wide cotton specialist is to provide leadership and coordination of research, extension, and industry, with producers input, and to increase the sustainability of cotton production in Texas. This primary goal will be accomplished with focused educational programming and applied research programs for Texas cotton. Applied research includes evaluating new technologies, including variety/traits evaluation, seed treatments, pest management (herbicides, fungicides, and seed treatments), fertility (site-specific, residual nutrients, and foliar), off-target movement of herbicides, harvest-aids, stalk destruction, and fiber quality. Educational programming will occur across the state in cooperation with Extension Agronomists, county agents, IPM agents, and research colleagues. The results of these activities will be an increase in knowledge of new technologies and production management strategies that will improve sustainable cotton production in Texas

Publications (10 most recent)

1. **McKnight, B. M.**, E.P. Webster, and D.C. Blouin. 2018. Benzobicyclon activity on Common Louisiana Rice Weeds. *Weed Technol.* 32:314-318
2. Webster L.C, E.P. Webster, D.C. Blouin and **B. M. McKnight**. 2019. Do adjuvants reduce the antagonism of quizalofop-p-ethyl when mixed with bispyribac-sodium?. *Weed Technol.* 33:in press.
3. Osterholt M.J., E.P. Webster, D.C. Blouin and **B. M. McKnight**. 2019. Quizalofop interactions when mixed with clomazone and pendimethalin in acetyl coenzyme A carboxylase-inhibiting herbicide-resistant rice. *Weed Technol.* 33:<https://doi.org/10.1017/wet.2019.59>

4. Osterholt, M.J., E.P. Webster, D.C. Blouin, and **B. M. McKnight**. 2019. Overlay of residual herbicides in rice for improved weed management. *Weed Technol.* 33:426-430
5. Rustom S. Y., E.P. Webster, D.C. Blouin, and **B. M. McKnight**. 2019. Interactions of quizalofop-p-ethyl mixed with contact herbicides in ACCase-resistant rice production. *Weed Technol.* 33:233-238
6. Teló G.M., E.P. Webster, D.C. Blouin, **B. M. McKnight**, and S.Y. Rustom, Jr. 2019. Florpyrauxifen-benzyl activity on perennial grass weeds found in Louisiana rice production. *Weed Technol.* 33:246-252
7. Webster E.P., S.Y. Rustom, **B. M. McKnight**, D.C. Blouin, and G.M. Teló. 2019. Quizalofop-p-ethyl mixed with synthetic auxin and ACCase inhibiting herbicides for weed management in rice production. *Int. J. Agron.* Vol. 2019: <https://doi.org/10.1155/2019/6137318>
8. Rustom, S.Y., E.P. Webster, D.C. Blouin and **B. M. McKnight**. 2018. Interactions between quizalofop-p-ethyl and acetolactate synthase-inhibiting herbicides in acetyl-coA carboxylase inhibitor-resistant rice production. *Weed Technol.* 32:297-303
9. Teló, G.M., E.P. Webster, D.C. Blouin, **B. M. McKnight** and S.Y. Rustom, Jr. 2018. Activity of florpyrauxifen-benzyl on fall panicum and nealley's sprangletop. *Weed Technol.* 32: 603-607.
10. Webster, E. P., E.A. Bergeron, D.C. Blouin, **B. M. McKnight** and M.J. Osterholt. 2018. Impact of Nealley's Sprangletop on Rough Rice Yield. *Weed Technol.* 32: 532-536.

Book Chapters

1. Burgos, N., K. Al-Khatib, E.P. Webster, **B. M. McKnight**, J. Bond, and M. Bagavathiannan. 2017. Rice Weeds and Management in North America. *In: A.N. Rao and H. Matsumoto (Eds.) 2017. Weed Management in Rice in the Asian-Pacific Region.* Pp. 308-345.

Organizations

- Southern Weed Science Society (2009-present)
- Weed Science Society of America (2012-present)

Awards

- Outstanding Graduate Student of the Year Award- 2012 Texas Plant Protection Association