

High Residue Integrated Pest Management Working Group Priorities

Overall Priorities

- 1 Extension Identify the key management strategies including best management practices
- 2 Research Build a treatment-decision-making model incorporating weather and other variables such as degree days.
- 2 Regulatory Communicate results about appropriate tillage to NRCS for program compliance
- 3 Research Develop slug thresholds by crop and stage
- 3 Extension Create a comprehensive slug website
- 4 Research Refine sampling procedures/develop common protocols
- 4 Research Identify the large scale economic impact, i.e. acres affected by damage
- 5 Research Identify natural enemies and habitat influences
- 5 Research Identify pathogens (investigate what happens in commercial snail culture)
- 6 Research Cultural practices
- 6 Extension Further develop damage guide
- 7 Extension Create a series of webinars
- 7 Regulatory New labels for existing chemicals
- 8 Regulatory Screen slugs against new products
- 8 Research Investigate new chemical options for control
- 9 Research Collaborate with soil scientists to find the influence of alternative tillage on soil health
- 10 Research Clarify life cycles across the region
- 11 Research Host plant interactions/resistance (ex. Glandular hair alfalfa?)
- 12 Regulatory Re-investigate methiocarb
- 13 Research Improve equipment, like that for zone tillage
- 13 Research International investigation to gain knowledge from other areas.
- 14 Research Look into organic compatible slug management options
- 15 Extension Tap into homeowners

Research Priorities

- 1 Incorporate weather and other variables such as degree days
- 2 Develop slug thresholds by crop and stage
- 3 Identify the large scale economic impact, such as acres affected by damage
- 3 Refine sampling procedures/develop common protocols
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- 4 Identify pathogens (snail culture)

- 5 Cultural practices
- 6 New chemical options
- 7 Collaborate with soil scientists to find the influence of alternative tillage on soil health
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- 10 Improve equipment, like that for zone tillage
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Extension Priorities

- 1 Identify the key management strategies, including best management practices
- 2 Create a comprehensive slug website
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Regulatory Priorities

- 1 Communicate results about appropriate tillage to NRCS for program compliance
- 2 New labels for existing chemicals
- 3 Screen slugs against new products
- 4 Re-investigate methiocarb