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.
3. **Regulatory** Communicate results about appropriate tillage to NRCS for program compliance
4. **Research** Develop slug thresholds by crop and stage
5. **Extension** Create a comprehensive slug website
6. **Research** Refine sampling procedures/develop common protocols
7. **Research** Identify the large scale economic impact, i.e. acres affected by damage
8. **Research** Identify natural enemies and habitat influences
9. **Research** Identify pathogens (investigate what happens in commercial snail culture)
10. **Research** Cultural practices
11. **Extension** Further develop damage guide
12. **Extension** Create a series of webinars
13. **Regulatory** New labels for existing chemicals
14. **Regulatory** Screen slugs against new products
15. **Research** Investigate new chemical options for control
16. **Research** Collaborate with soil scientists to find the influence of alternative tillage on soil health
17. **Research** Clarify life cycles across the region
18. **Research** Host plant interactions/resistance (ex. Glandular hair alfalfa?)
19. **Regulatory** Re-investigate methiocarb
20. **Research** Improve equipment, like that for zone tillage
21. **Research** International investigation to gain knowledge from other areas.
22. **Research** Look into organic compatible slug management options
23. **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
4. Refine sampling procedures/develop common protocols
5. Identify natural enemies and habitat influences
6. 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
8 Clarify life cycles across the region
9 Host plant interactions/resistance (ex. Glandular hair alfalfa)
10 International investigation to gain knowledge from other areas
11 Look into organic compatible slug mgmt options

**Extension Priorities**

1 Identify the key management strategies, including best management practices
2 Create a comprehensive slug website
3 Further develop damage guide
4 Create a series of webinars
5 Tap into homeowners

**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