NO TILL SLUG CONTROL
**PROBLEM:**

- Slug problems are usually associated with heavy crop residue which holds moisture
- They feed on seedlings, crop residue, and cover crops
- There is currently no economic threshold based on slug numbers or feeding damage
- Can require partial or complete replanting of fields
SLUG/SNAIL ACTIVITY:

- Nocturnal – mostly feed at night
- Difficult to locate during the day and even in low winds
- Early morning is the best time to monitor populations
- Scouting is important
- Will seek out shade and moisture
CROP DAMAGE:

• Slugs are capable of feeding on leaf tissue throughout the growing season

• Slowing early growth can lead significant crop damage

• No-tilled fields are impacted the most severely
CROP DAMAGE IN CORN:
HOW TO MINIMIZE SLUG/SNAIL DAMAGE:

• Use a cover crop to provide an alternate food source

• Delaying planting until plant growth is more rapid improves the chances that soybeans will outgrow potential damage

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LABEL SUMMARY:

• 5% iron EDTA active ingredient
• Use sites: All crops
• Rate: 5 - 20 lbs./acre
• Zero hour Reentry Interval and zero day Pre-harvest interval
• No MAX # OF APPS/YEAR
• Can be used in areas where pet and wildlife protection is a concern
Intermediate ryegrass
Slug control in no-till red clover - Nicole Anderson, Nov. 2011, OSU, WA County

Graph showing the average number of slugs per plot before (Pre-Bait), 7 days after treatment (7 DAT), and 14 days after treatment (14 DAT) for different treatments:
- Ferroxx 10 lb/ac
- Ferroxx 20 lb/ac
- Deadline 10 lb/ac
- Untreated

The graph indicates a significant reduction in slug population for the Ferroxx treatments compared to the untreated control.
MODE OF ACTION:

- Ingested molluscicide-non reversible
- Kills by intoxication, not dehydration
- Snails and slugs are very sensitive to iron
- Immediately inhibits feeding once ingested
- Kills within 1 day
- Directly replaces metaldehyde
- No slime trails
ADVANTAGES:

• Micropellet™ technology delivers better coverage and uniform distribution

• 3 times as many pellets per pound compared to competitor
  • This will ensure slugs are more likely to find the bait
Number of feeding points at a rate of 10 lbs/acre

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<th>Pellets per acre at 10 lb rate</th>
<th>Ferroxx Blue</th>
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ADVANTAGES:

• Shelf life of 5+ years

• Rainfast formula provides superior activity in moist conditions

• Will not harm earthworms

• Iron-based baits retain greater efficacy than metaldehyde at low temperatures
ADVANTAGES:

• Can be used around pets and wildlife

• Easily blends with granular fertilizer

• Can be applied by ground or air

• Long-lasting and resistant to rain and watering
Even when submerged in water, Ferroxx holds up while the competitor pellets dissolve.
NO TILL SLUG CONTROL
Questions? Comments?

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