

# Amendment to MII panels report

- Proposed change: P loss reduction credit for High Disturbance Incorporation in Uplands changed from 0 to 12%.
- Not all panelist able to weigh in by meeting time, but no one that responded was opposed to proposed change.
- 10 studies found that looked at High Disturbance Incorporation of liquid manure (Reduction relative to unincorporated application)
  - 7 studies showed decreased P runoff losses (avg=52% )
  - 2 studies showed increased P runoff losses (avg=182%)
  - 1 study varied among years, 147% reduction to 140% increase
- 8 studies found with solid manures all showed decreased runoff P, but mostly with Coastal Plain soils
- Baseline important consideration for timely incorporation with tillage.
  - Compared to no incorporation, increase in sediment a big factor
  - Compared to delayed tillage, water soluble P much less and probably little change in sediment P