

## INTEGRATED PEST MANAGEMENT STANDARD 595

### Key points of change

### STC Update October 2011

- NC NRCS standard 595, along with companion conservation planning worksheet and job sheet was released with the July 2011 FOTG notice.
- Focus of new standard on incorporating comprehensive IPM strategy (PAMS concept— prevention, avoidance, monitoring, suppression) into pest management planning, and mitigating risk of selected pest control methods.
  - “Risk” = when pesticides are used, identified water quality hazards of soil/pesticide interaction through WIN-PST (hazard ratings). “Risk” = resource concerns created by biological and cultural pest suppression methods (ie tillage, burning, etc.) when pesticides are not utilized.
  - “Mitigate” = for water quality hazards, use of IPM techniques and FOTG conservation practices to the extent needed to prevent or reduce risk to acceptable levels.  
“Mitigate” = for resource concerns for non-chemical pesticide techniques = meeting FOTG quality criteria for identified resource concern (ie soil erosion).
- Planner will not be able to ‘assume’ benefits will occur from pest management techniques (such as precision ag reducing pesticide inputs), but will have to prove risk or resource concern exists in order for standard to apply
- The WIN-PST hazard rating will correspond to point levels needed to establish minimum level of mitigation needed to meet standard criteria (“Low” = 0 mitigation points needed, “High” = 40 mitigation points needed)
- IPM techniques/conservation practices are assigned a mitigation point value in Agronomy Tech Note 5.
- Planned IPM measures to mitigate risk will be required to be part of the IPM plan, and required to meet standard criteria
- The IPM standard 595 can be used to support the application of individual IPM techniques IF they are part of an IPM plan that appropriately mitigate site-specific pest suppression risks to natural resources and/or humans (from AGR Tech Note 5)
- Projected 2012 EQIP IPM Regional Scenarios:
  - Basic IPM Field Crop (NC will identify mitigation measures to associate)
  - Advanced IPM Field Crop (NC projected: Basic Precision Ag scenario)
  - IPM for Specialty Crop (NC will identify scenario application)
  - IPM for Organic Field Crops (NC will identify scenario application)
  - IPM for Organic Specialty Crops (NC will identify scenario application)