UPCOMING EVENTS

Area Tobacco Meeting
Wednesday, January 28 – 9:30 am
Duplin County Extension Center
Cross Creek Seed, Cureco, and Gold Leaf Seed, our meeting sponsors, will be present at 9:30 am to informally discuss their products. Refreshments will be available.

Meeting presentations will begin at 10:00 am. Dr. Loren Fisher, NCSU Extension Tobacco Specialist, and Dr. Grant Ellington, NCSU Extension Biological & Agricultural Engineering Specialist, will be our guest speakers. A sponsored meal will be served. NCDA pesticide and CCA credits will be available.

Corn, Soybean & Wheat Meeting
Monday, February 2 – 6:00 pm
Duplin County Extension Center
Dr. Nick Piggott, NCSU Extension Agricultural & Resource Economics Specialist, will be our guest speaker. A sponsored meal will be served. NCDA pesticide and CCA credits will be available.

Area Peanut Meeting
Wednesday, February 25 – 6:00 pm
Duplin County Extension Center
Dr. David Jordan, NCSU Extension Peanut Specialist, and Dr. Barbara Shew, NCSU Extension Plant Pathology Specialist, will be our guest speakers. A sponsored meal will be served. NCDA pesticide and CCA credits will be available.

WHEAT

Annual (Italian) Ryegrass Control

Axial XL, Osprey, and PowerFlex are labeled for ryegrass control in wheat. Please note ryegrass size for satisfactory herbicide results. In most cases, optimum ryegrass size will occur before topdress nitrogen should be applied.

For best results, herbicide applications should be made when air daytime temperatures are above 50 degrees F and nighttime temperatures are above freezing.

Axial XL (Syngenta) - MOA 1*
Ryegrass size – 1 to 5-leaf stage on main stem and prior to the 3rd tiller.
Wheat size – 2-leaf to pre-boot stage.
Spray carrier – may be mixed in a spray solution containing up to 50% liquid nitrogen. Water dilution (at least 50%) is required. Liquid nitrogen as a partial carrier may cause crop burn.
Adjuvant – is not required.
Rainfastness – 30 minutes.
Tankmix partner – can be tankmixed with Harmony Extra.
Osprey (Bayer) – MOA 2*
Ryegrass size – 1-leaf to 2-tiller stage.  
Wheat size – emergence to jointing stage.
Other weeds – controls annual bluegrass (1-leaf to 2-tiller), wild radish (1-2 inches), and wild mustard (1-2 inches). 
Spray carrier – may be mixed in a spray solution containing up to 15% liquid nitrogen.  Water dilution (at least 85%) is required.  Liquid nitrogen as a partial carrier may cause crop burn.
Adjuvant – 1) methylated seed oil (1½ pints/acre) or 2) nonionic surfactant (2 quarts per 100 gallons of spray solution) and 30% UAN (1-2 quarts per acre).
Rainfastness – 4 hours.
Tankmix partner – can be tankmixed with Harmony Extra.
Comments – Do not apply topdress nitrogen within 14 days of Osprey application.

PowerFlex (DowAgroScience)–MOA 2*
Ryegrass size – 2-leaf to 2-tiller stage.  
Wheat size – 3-leaf to jointing stage.
Other weeds – controls Carolina geranium (2 inches), mouseear and common chickweed (2 inches), wild mustard (2 inches), field pennycress (2 inches), shepherdspurse (2 inches) and Virginia pepperweed (2 inches). 
Spray carrier - may be mixed in a spray solution containing up to 50% liquid nitrogen but no more than 30 pounds/acre of actual nitrogen.  Water dilution (at least 50%) is required.  Liquid nitrogen as a partial carrier may cause crop burn.
Adjuvant – 1) nonionic surfactant (1-2 quarts per 100 gallons of spray solution) if water is the carrier or 2) nonionic surfactant (1 quart per 100 gallons of spray solution) if liquid nitrogen is used as partial carrier.
Rainfastness – 4 hours.

* MOA is an abbreviation for mode of action.  Mode of action refers to the process whereby a herbicide kills susceptible plants.  Herbicides with different mode of action “numbers” kill susceptible plants using different processes.  Rotating Osprey or PowerFlex with Axial XL is a suggested ryegrass resistance management strategy.

TOBACCO

Variety Information

Enclosed are 3-year, 2-year, and 1-year NCSU Tobacco Official Variety Tests data.  Also enclosed are disease tables that will appear in the 2009 Tobacco Information book.

Please utilize these tables as you select 2009 varieties.

Disclaimer:  The use of brand names and any mention or listing of commercial products or services in this publication does not imply endorsement by North Carolina State University nor discrimination against similar products or services not mentioned.

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