



Sampled runoff water from intensive lawn care areas in Cumberland, S Portland, Westbrook, Falmouth, Yarmouth, Brunswick, Freeport, Portland and Cape Elizabeth & Back Cove area



Friends of Casco Bay Sampling - Pesticide residues detected in surface water

- - Diazinon up to (2.6 ppb)**
 2,4-D up to (36.4 ppb)

 - Dicamba up to (4.1 ppb)MCPP up to (26 ppb)
 - MCPA up to (0.45 ppb)
 - Clopyralid up to (0.91 ppb)
 - Propiconazole up to (0.075 ppb)
 - Chlorothalonil up to (0.22 ppb) Found Excess Nitrogen & Phosphorous in most samples
- Pesticide residues detected in sediments

 - Bifenthrin up to (37 ppb)
 Permethrin up to (47 ppb)

USGS National Water Quality Assessment

- Sampled urban streams
 - Insecticides occurred more frequently in urban streams than they did in agricultural area
 - Herbicides detected in 99% of Urban stream samples
 - Phosphorous found at same levels as in agricultural streams
 - 70% of those samples exceeded the EPA desired goal for reducing nuisance plant growth (algae)

Prevent water contamination



AVKEEP

- Locate & stay away from wells
- Stay away from ledge
- Stay away from wetlands & water
- Do not apply to slopes near water
- Do not apply before heavy rains
- Spot applications
- Vegetative buffers



Storage

- Buy only what you need
- Keep them out of reach of children & lock them up
- Keep in original containers
- Never store in basement!







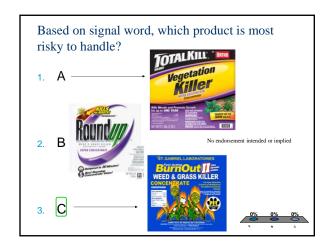
Disposal

- Follow label
- Rinse containers
- Apply extra mix to labeled site
- Call BPC about obsolete pesticides



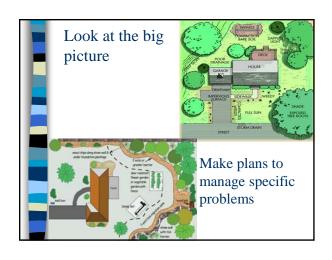
















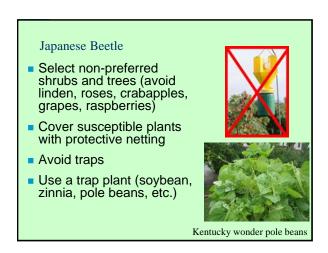


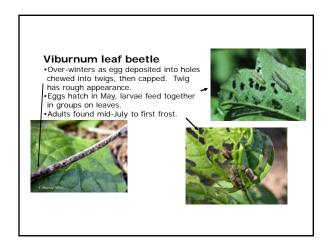




















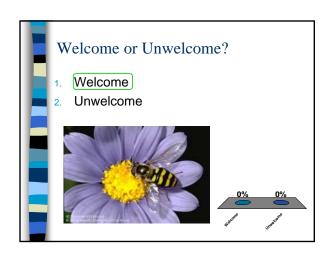




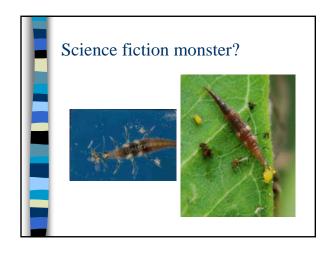


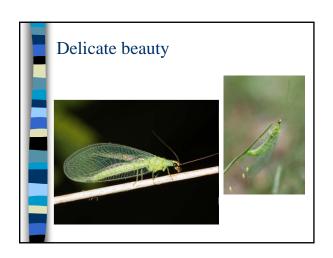




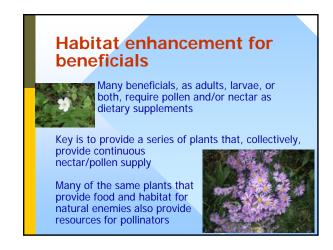


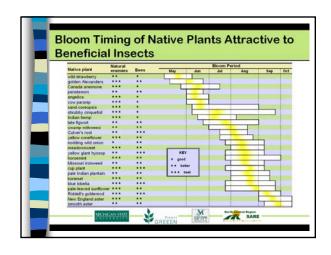


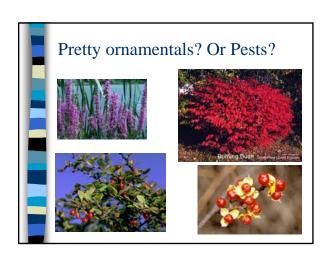




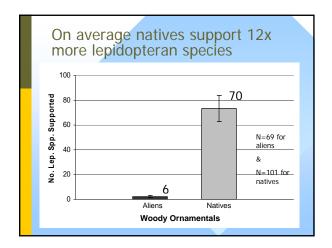








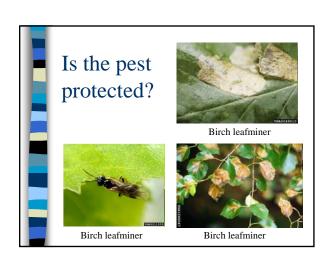










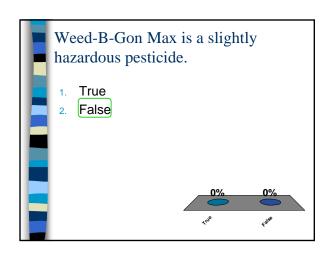


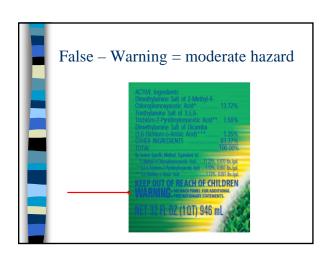


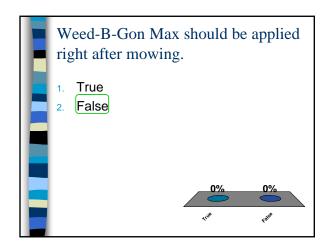




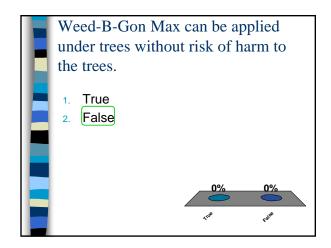


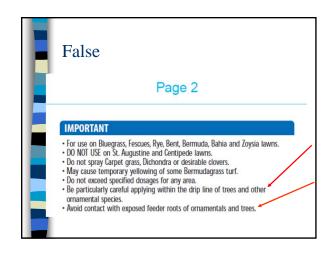


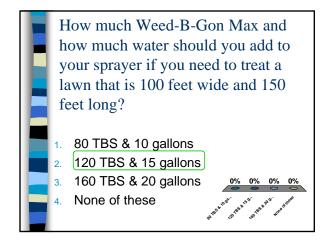


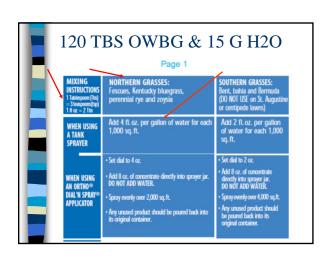


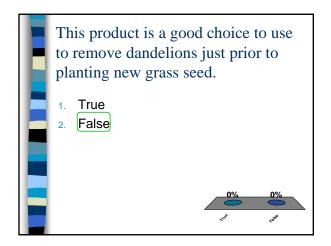


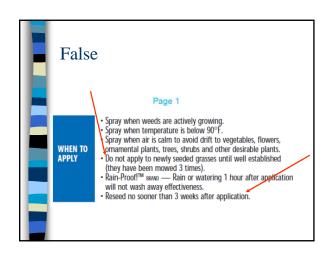


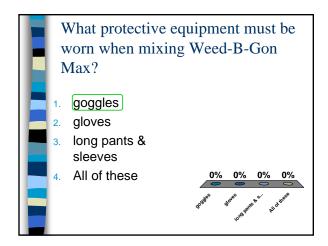


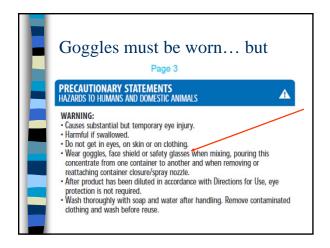


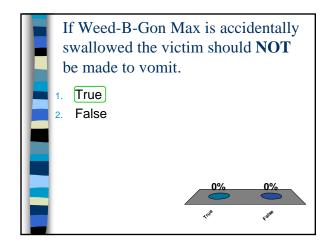


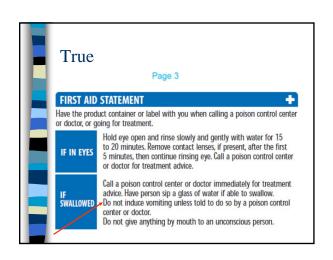


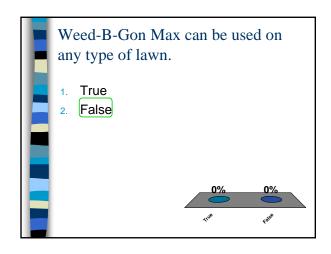




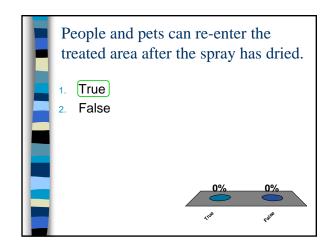


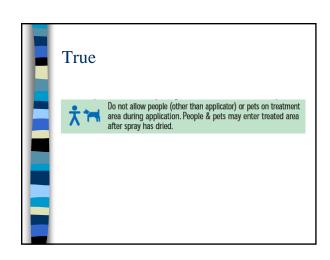


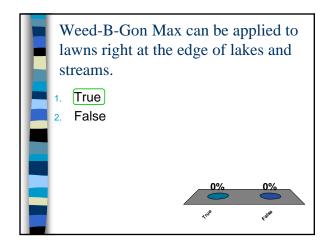


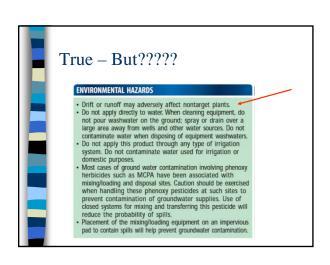


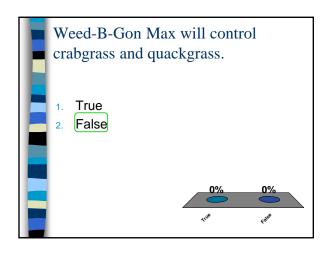


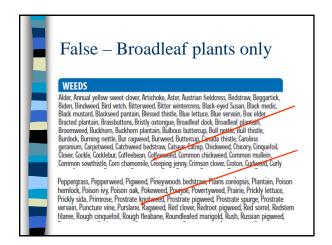


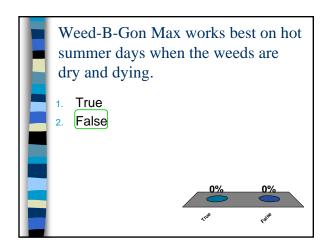




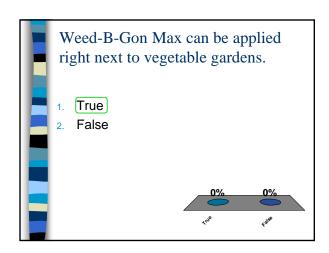


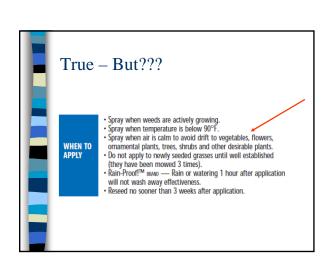




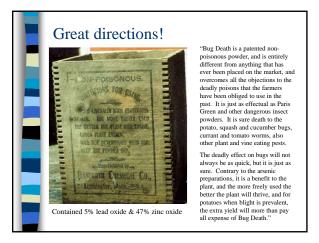






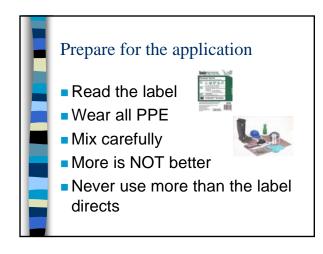








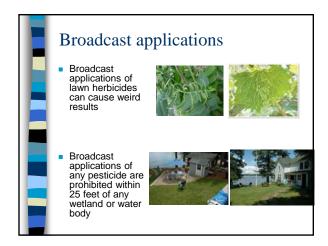


















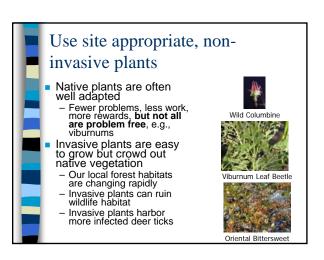






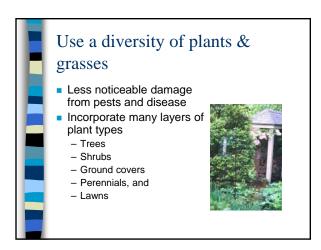






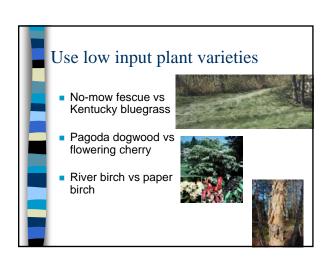




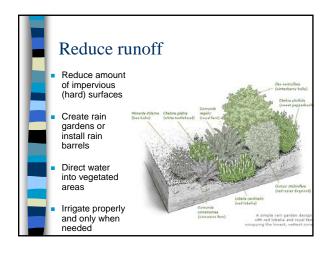


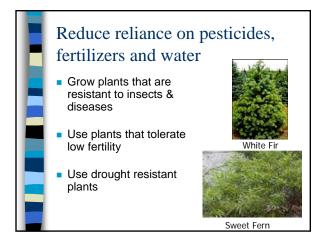


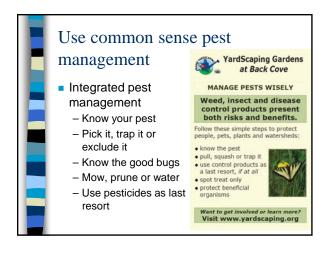


















- Risk = Toxicity x Exposure
- All pesticides have risks
- Reduce risks wear PPE
- Make the benefits outweigh the risks



