

SPEAKER CONTACT SHEET – Forestry, Aquatics, and Right-of-Way CIC 2023

Pesticide Applicator Testing Information

- a. Applicator Licensing and Certification - <https://iowaagriculture.gov/pesticide-bureau/applicator-licensing-certification>

1. **Personal Protective Equipment: Back to Basics** – Evan Alderman, M.S., Co-Coordinator/Extension Specialist, Pesticide Safety Education Program, Iowa State University Extension and Outreach, alderman@iastate.edu; and Carolyn Sheridan, RN, BSN, Founder and Executive Director, Ag Health & Safety Alliance, carolyn@aghealthandsafety.com.
 - a. Ag Health & Safety Alliance - <https://aghealthandsafety.com/>
 - b. Personal Protective Equipment - <https://pesticidestewardship.org/personal-protective-equipment/>
 - c. The Label and PPE - <https://pesticidestewardship.org/personal-protective-equipment/the-label-and-personal-protective-equipment/>
 - d. Components of PPE - <https://pesticidestewardship.org/personal-protective-equipment/components-of-personal-protective-equipment/>
 - e. Cleaning, Maintenance, Storage, and Disposal - <https://pesticidestewardship.org/personal-protective-equipment/cleaning-maintenance-storage-and-disposal/>

2. **Pesticide Storage and Security: 3 Keys to Success** – Evan Alderman, M.S., Co-Coordinator/Extension Specialist, Pesticide Safety Education Program, Iowa State University Extension and Outreach, alderman@iastate.edu.
 - a. Storage Building and Location - <https://pesticidestewardship.org/storage/storage-building-location/>
 - b. Storage Conditions - <https://pesticidestewardship.org/storage/storage-conditions/>
 - c. Storage Safety and Security - <https://pesticidestewardship.org/storage/safety-and-security/>
 - d. Storage of Pesticides - <http://npic.orst.edu/health/storage.html>
 - e. Temperature Effects on Storage - <https://extension.missouri.edu/publications/ipm1012>
 - f. Is This Pesticide on My Shelf Still Good? - https://edustore.purdue.edu/item.asp?Item_Number=PPP-142

3. **Common Noxious & Invasive Weeds and Integrated Roadside Vegetation Management** – Chris Henze, Roadside Vegetation Manager, Johnson County Secondary Roads, chenze@johnsoncountyiowa.gov
 - a. Palmer Amaranth – <https://www.johnsoncountyiowa.gov/irvm/palmer-amaranth>
 - b. Canada Thistle – <https://www.iowadnr.gov/portals/idnr/uploads/forestry/canadianthistle.pdf?amp;tabid=1242>
 - c. Teasel (Common & Cutleaf) - <https://crops.extension.iastate.edu/encyclopedia/common-and-cutleaf-teasel>
 - d. Leafy Spurge - <https://crops.extension.iastate.edu/encyclopedia/leafy-spurge>
 - e. Bull Thistle - <https://crops.extension.iastate.edu/encyclopedia/bull-thistle>
 - f. Multiflora Rose - <https://naturalresources.extension.iastate.edu/encyclopedia/multiflora-rose-invasive-species-profile>
 - g. Field Bindweed - <https://www.johnsoncountyiowa.gov/irvm/field-bindweed>
 - h. Musk Thistle - <https://crops.extension.iastate.edu/encyclopedia/musk-thistle>

- i. Plumeless Thistle - <https://www.johnsoncountyiowa.gov/sites/default/files/2019-08/Thistle%20spp.pdf>
 - j. Italian Thistle - <https://www.johnsoncountyiowa.gov/irvm/other-thistles>
 - k. Wild Parsnip - <https://www.extension.iastate.edu/smallfarms/wild-parsnip-weed-watch>
 - l. Japanese Knotweed - <https://www.iowadnr.gov/portals/idnr/uploads/forestry/japaneseknotweed.pdf?amp;tabid=1242>
 - m. Poison Hemlock - <https://crops.extension.iastate.edu/encyclopedia/poison-hemlock>
 - n. Round Leaved Bittersweet – <https://naturalresources.extension.iastate.edu/encyclopedia/oriental-bittersweet-invasive-species-profile>
 - o. Bush Honeysuckle – <https://naturalresources.extension.iastate.edu/encyclopedia/honeysuckle-invasive-species-profile>
 - p. Tree of Heaven – https://naturalresources.extension.iastate.edu/forestry/iowa_trees/trees/tree_of_heaven.html
 - q. Japanese Barberry – <https://naturalresources.extension.iastate.edu/encyclopedia/japanese-barberry-invasive-species-profile>
 - r. Integrated Roadside Vegetation Management - <https://www.johnsoncountyiowa.gov/irvm>
 - s. IRVM Management Tools - <https://www.johnsoncountyiowa.gov/irvm/vegetation-management-tools>
4. **Forest Pests** – Mark Runkel, Forest Health Technician, Iowa Department of Natural Resources, mark.runkel@dnr.iowa.gov and Tivon Feeley, Forest Health Program Manager, Iowa Department of Natural Resources, tivon.feeley@dnr.iowa.gov
- a. Defoliating Caterpillars
 - i. Cankerworms - <https://extension.umn.edu/yard-and-garden-insects/spring-and-fall-cankerworms>
 - ii. Eastern Tent Caterpillar - <https://hortnews.extension.iastate.edu/eastern-tent-caterpillar>
 - iii. Fall Webworm - <https://hortnews.extension.iastate.edu/fall-webworm>
 - iv. Bag Worm - <https://hortnews.extension.iastate.edu/bagworm>
 - b. Tree of Heaven - <https://plant-pest-advisory.rutgers.edu/tree-of-heaven-best-herbicide-treatment-and-removal-timing/>
 - c. Autumn Olive - <https://mdc.mo.gov/trees-plants/invasive-plants/autumn-olive-control>
 - d. Black Locust - <https://mdc.mo.gov/trees-plants/nuisance-native-plants/black-locust-control>
5. **Aquatic Vegetation and Algae Management Strategies** – Jason Euchner, Aquatic Vegetation Management Biologist, Iowa Department of Natural Resources, Jason.euchner@dnr.iowa.gov
- a. Planktonic Algae - <https://extension.psu.edu/planktonic-algae>
 - b. Filamentous Algae - <https://extension.psu.edu/filamentous-algae>
 - c. Watermeal - <https://www.extension.purdue.edu/extmedia/apm/apm-2-w.pdf>
 - d. Duckweed - <https://www.extension.purdue.edu/extmedia/apm/apm-2-w.pdf>
 - e. Cattails - <https://albany.cce.cornell.edu/environment/ponds/controlling-cattails>
 - f. Sago Pondweed - <https://aquaplant.tamu.edu/management-options/sago-pondweed/>
 - g. Coontail - <https://aquaplant.tamu.edu/management-options/coontail/>

6. **2023 Roadside Applicator Update: Broadleaf Edition** – Abe Smith, Pasture and Land Management Territory Manager/Account Manager, Corteva Agriscience, abe.smith@corteva.com
- a. TerraVue™ - <https://www.corteva.us/products-and-solutions/land-management/terravue.html>
 - i. Active Ingredients – Florpyrauxifen-Benzyl and Aminopyralid
 - ii. Product Notes
 - 1. Residual weed control.
 - 2. Low odor and low use rate.
 - 3. Expanded and different spectrum beyond Milestone Herbicide alone but with the same effectiveness on key species.
 - 4. Use Sites: Non-crop, utility, roadside, rights-of-way, rangeland & pasture, natural areas, wildlife management areas
 - b. Milestone® - <https://www.corteva.us/products-and-solutions/land-management/milestone.html>
 - i. Active Ingredient – Amionpyralid
 - ii. Product Notes
 - 1. Controls broadleaf weeds, vines, and select brush species.
 - a. Brush control tank mix partner
 - b. Improves control of conifer and legume species
 - c. Invasive plant control.
 - d. Chemical side trimming.
 - e. Basal and cut stump treatments.
 - 2. Safe on most warm and cool season grasses.
 - 3. Can be used up to water's edge.
 - c. Opensight® - <https://www.corteva.us/products-and-solutions/land-management/opensight.html>
 - i. Active Ingredients – Aminopyralid and Metsulfuron WDG formulation
 - 1. Product Notes
 - a. Excellent activity on noxious and invasive weed and brush problems.
 - b. Wide window of application, including use in the fall.
 - c. Soil residual for season-long control of germinating target species
 - d. 150 weeds on label
 - d. Transline® - <https://www.corteva.us/products-and-solutions/land-management/transline.html>
 - i. Active Ingredient – Clopyralid
 - 1. Product Notes
 - a. Good activity on Canada Thistle with the highest safety toward many brush and tree species.
 - b. Wide window of application, including use in the fall.
 - c. Soil residuals for season-long control of germinating target species.
 - d. Control broadleaf weeds and woody legumes with excellent selectivity.
 - e. Vastlan® – <https://www.corteva.us/products-and-solutions/land-management/vastlan.html>
 - i. Active Ingredients – Triclopyr and 2,4-D Choline
 - 1. Product Notes
 - a. Primarily used for foliar tree and brush control.
 - b. Low odor and low volatility.
 - c. No grazing restrictions.
 - d. Expanded label use sites.

