**Online Learning Through MNLA**

**MNLA’s online learning platform, Project PLaNT (Professional Landscape and Nursery Training):**

* Green Industry Fundamentals
	+ Free to MNLA Members
	+ A ten-module program designed to train or refresh team members on industry fundamentals. Experts address core knowledge, covering topics from weed control to pesticide safety. An individual’s successful completion of the program earns them an Associate Green Industry Professional certification and starts them on the path to the full Certified Green Industry Professional certification. Modules include:
		- Plant growth and development
		- Plant nomenclature and identification
		- Soil fundamentals
		- Plant nutrition and nutrient management
		- Plant pests and diseases
		- Weeds and weed control
		- Landscape design
		- Native plants, invasive plants, and sustainability
		- Pesticide Safety
	+ <https://etrainingmnla.org/product/project-plant/>
* Pesticide Applicator Training: Category 3A Turfgrass Pest Management
	+ Free to MNLA Members
	+ Description: Join John Stone, Program Coordinator for Michigan State University’s Pesticide Safety Education Program, in this study program intended to prepare pesticide applicators in Category 3A. This set of online modules includes helpful videos, quizzes, and study tips. Open to both new applicators and those seeking recertification credits. Modules include:
		- Turfgrass Pest Management
		- Cultural Management of Turfgrass
		- Federal and State Pesticide Laws
		- Pesticide Application Equipment
		- Application Calculations and Calibration of Equipment
		- Weeds of Turfgrass
		- Diseases and Disorders of Turfgrass
		- Animal Pests of Turfgrass – Insects and Vertebrates
		- Test-Taking Strategies and Tips for Success
	+ <https://etrainingmnla.org/product/pesticide-applicator-training/>
* Drones for the Green Industry: Processing and Utilizing Imagery Collected from Drones
	+ This program will focus on processing and utilizing imagery collected from drones. It will involve converting overlapping images to image mosaics and digital surface models and then utilizing this data in software programs, such as QGIS, blender and AutoCAD. Content, including exercises, is self-guided.
	+ <https://etrainingmnla.org/product/drones-for-the-green-industry-member-pricing/>
	+ Price per person = $300

**GrowTheBench:**

* MNLA members receive a FREE ALL-ACCESS PASS to GrowTheBench.com! This will give you an unlimited access subscription for one month. After that, enjoy 5% off the regular rate as an exclusive MNLA member benefit!
* To get started, follow this link: <http://www.growthebench.com/content/MNLA.aspx>
* Additional notes:
	+ You will need to apply the discount code MNLA before you check out.
	+ You will not be charged for your first 30 days of access and may cancel at any time.
	+ This offer is only valid for MNLA members in good standing and is another benefit that MNLA works hard to provide value for you.

**Other Useful Online Resources**

**MSU Extension: Integrated Pest Management Academy**

* + <https://www.canr.msu.edu/ipm/agriculture/integrated_pest_management_academy>
	+ Description: The Desire to Learn Integrated Pest Management (IPM) Academy is an interactive, online program designed to provide a comprehensive and convenient online learning experience. This self-paced course features university experts and a full-service help center with 24/7 technical support and support materials to learn how to easily navigate the course. Current topics include:

 • An Introduction to IPM

 • IPM Resources at MSU

 • Plant Science

 • Soils 101

 • Identifying and Conserving Natural Enemies

 • Conserving Pollinators

 • Using Enviroweather to Assist IPM Program Decisions

 • Scouting in Greenhouses

 • Scouting in Perennial Crops

 • Scouting in Vegetable Crops

**MDARD Pesticide Credits:**

* This is the current list of approved on-line seminars offering recertification credits for calendar year 2020.
* The report is sorted by the number of credits offered (lowest to highest) and then the first category.
* If you have any questions about a seminar, contact the seminar vendor at the number provided.
* MDARD does not have any information about registration or cost of the approved seminars.
* <https://www.michigan.gov/documents/mdard/Approved_Online_Seminars_7-30-18_628958_7.pdf>