



Updates to EcoWillow 2.0

Dear EcoWillow Users,

On behalf of the Willow Project at SUNY-ESF, we are pleased to announce the release of the latest version of our economic analysis tool for shrub willow biomass crops: **EcoWillow 2.0!** The new model and supporting documentation are now available for download at the following address: www.esf.edu/willow/download.htm

Over 1000 users in 70 countries have already downloaded EcoWillow since its original release in 2008. The new version 2.0 has been comprehensively updated based on the latest research and commercial willow operations, and is now better than ever! A summary of updates included in EcoWillow 2.0 are provided below.

Updates to EcoWillow 2.0

- Updated model structure using the most current logistics and management options for commercial willow crops.
- Model inputs and assumptions (suggested values) based on most current data from research trials across North America and commercial willow operations in New York State.
- Updated custom rates for standard and specialized willow field tasks.
- Updated harvest module based on recent development and field testing of New Holland Agriculture 130FB woody crops cutting header and 9000 series forage harvesters.
- New fields module to track numerous fields in one project analysis and more accurately calculate headlands, planted areas and average transport distances.
- Model converted to run primarily on green (wet) weight basis for practical purposes from a producer's perspective, with dry weight outputs (0% moisture) also included for reference.
- Simplified, user-friendly design and visual layout.
- Minor bugs fixes.
- New introduction, tutorial and supporting documentation including two new fact sheets.
- New base case scenario and three additional crop production scenarios developed and tested by SUNY-ESF including an improved scenario using the latest best practice targets and potential incentive programs such as USDA BCAP (Biomass Crop Assistance Program).
- English and metric units versions available.

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The Northeast Woody/Warm-Season Biomass Consortium

www.newbio.psu.edu

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