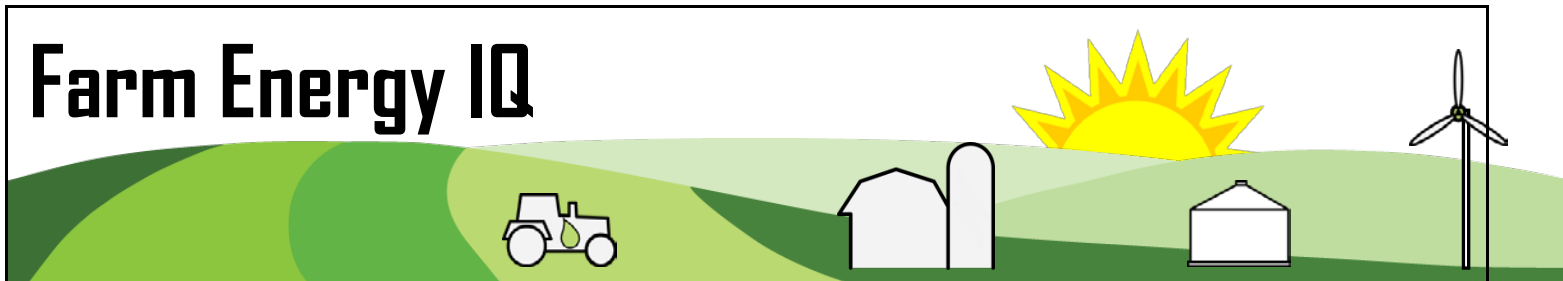


# Farm Energy IQ



## Field Crops—Module Overview

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### PROGRAM OUTLINE

#### 1. Ag Service Provider (ASP) Training Description

- a. Learning objectives—Participants in the educator training session will understand primary and secondary energy sources involved in field crop production in the Northeast. This includes energy use in: 1) field operations, 2) nutrients, 3) irrigation and 4) drying and conservation.
- b. Presentation: Energy Conservation in Field Crop Production, consisting of four sections—1) Field operations (machinery/fuel), 2) Nutrients and Pest Control (fertilizers, pesticides and alternatives), 3) Irrigation, and 4) Grain Drying

#### Accompanying Documents

Slide Set and Script for ASP Presentation (*Field Crop Production – ASP Presentation.PPT*)

ASP Activity Sheet - Energy Savings Calculations (*Field Crop Production – Activity*)

Additional References and Resources

#### 2. Farmer Training Description

- a. Learning objectives: Farmers who participate in training will learn overall energy uses in field crop production and ways to reduce energy use in the major areas of fuel use, nutrients and pest control, irrigation and grain drying where applicable
- b. Presentation slide set and script
- c. Fact sheets: Energy savings in: • Field Operations(machinery/fuel), • Nutrients and Pest Control (fertilizers, pesticides and alternatives), • Irrigation, and • Grain Drying
- d. Activities sheet: Examples of calculations for energy conservation in field crop production of each of the main areas (see fact sheet titles)

#### Accompanying Documents

Slide Set and Script for Farmer Presentation (*Field Crop Production – Farmer Presentation.ppt*)

Fact Sheets for Farmer Training\* (*Field Crop Production – Fact Sheet (various)*)

Activities Sheet for Farmer Training\*

Additional References and Resources

\*Slides, fact sheets and case study are composed of an overview and four main areas of emphasis: Field Operations (machinery/fuel), Nutrients and Pest Control (fertilizers, pesticides and alternatives), Irrigation, and Grain Drying