

Nationwide Monarch Butterfly Candidate Conservation Agreement Training Program

Monarch CCAA/CCA Training Program for Field Staff

Purpose: Provide a training program for interested Applicants and Partners to promote consistency and best practices in implementation of the Agreement.

1. Introduction

- a. Description of the CCAA
- b. The monarch butterfly status and threats (Habitat loss due to land conversion, herbicide use and mowing)

2. Monarch and Habitat Identification

- a. Provide training for identifying monarch's during their multiple life stages: eggs, larvae, pupae and adult stage
- b. Provide training in identification of prime larvae habitat (milkweed)
- c. Provide training in identification of monarch adult feeding habitat (differentiate between broadleaved flowering plants and other forms of non-nectaring vegetation such as grasses or sedges)

3. Descriptions for Lands Covered

- a. Descriptions for lands covered
- b. Description of activities covered

4. Biological Effectiveness Monitoring Expectations

- a. Are numerous milkweed stems present within the sample area?
- b. Are potentially flowering nectar plants present across more than 10 percent of the sample area?

5. Sampling Protocols

- a. Surveyor experience and Background
- b. Timing required
- c. Sample plot location and size
 - Location and size of the area managed by conservation measures
 - Type of conservation measures implemented
 - Geographic extent
 - Transects (locations, boundaries, or large or variable areas)
 - Sampling frequency
- d. Effectiveness monitoring reporting frequency
- e. Supplemental biological effectiveness monitoring