

## Monarch Consortium Field Data Site Form

Date: June 29 2016

Location: NKN2

Monitor: Royce

Start Time: 9 : 52

End Time: 9 : 57

Butterfly Start Time: 9 : 54

Butterfly End Time: 10 : 04

Temp: 65 F/C°

Wind: (circle one) Calm Light Moderate Very Windy

Clouds: (circle one) Clear Mostly Clear Mostly Cloudy Cloudy

### Landscape Sampling:

Is milkweed present? Yes No Estimated number: \_\_\_\_\_

Flowering plants? Yes No Estimated number: 35 every 10m

Type of habitat: Agriculture Wooded Waste Area Pasture

### Definitions

#### Wind

Calm: 0 mph, Smoke rises vertically

Light: 1-3 mph, Wind direction shown by smoke, but not by wind vanes

Moderate Breeze: 13-17 mph, Raises dust and loose paper; small branches move

Windy: 25+ mph, Large branches move

#### Clouds

Clear: No clouds

Mostly Clear: Less than half cloud cover

Mostly Cloudy: More than half cloud cover

Cloudy: Full cloud cover

#### Type of habitat

**Agriculture:** Corn, soybean, small grain (oats, barley, wheat), alfalfa field. In addition to the crop do you observe any weeds or flowering nectar-producing plants?

**Wooded:** Windbreak in which trees are planted in line or row. A woodlot or riparian buffer strips – which have perennial plantings along streams, creeks, waterways consisting of trees, shrubs other perennial vegetation

**Waste Area:** Grass dominated roadsides in Iowa typically planted to smooth brome. Some roadsides have considerable plant diversity, make sure to check for milkweed plants and flowering-nectar producing plants in these areas and estimate density by counting number of plants (should this be plants or stems?)

**Pasture, rangeland, CRP:** these areas may appear to be a meadow/prairie that is grass dominated but may contain plant species of interest: milkweed, flowering-nectar producing plants. These areas differ from agricultural lands because they are not replanted each year but are permanent or semi-permanent lands. They may contain wetlands and grass strips that facilitate water run-off from fields.