

Gaylord Jones, Bioreactor Webster

Jon.

## Monarch Consortium Field Data Site Form

Date: 6/27/16Location: GaylordMonitor: KEFStart Time: 9 : 20End Time: 10 : 17Butterfly Start Time: 9 : 19Butterfly End Time: 9 : 29Temp: 73 F/C°Wind: (circle one) Calm Light Moderate Very WindyClouds: (circle one) Clear Mostly Clear Mostly Cloudy Cloudy

## Landscape Sampling:

★ Is milkweed present?

Yes

No

Estimated number: 0.1/yard

Flowering plants?

Yes

No

Estimated number: 2/yard

Type of habitat:

AgricultureWooded

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.

prairie planting  
in a triangle  
of space by  
bioreactor, pond,  
and agriculture  
milkweed present  
wild parsnip