

# Bee Monitoring Data Sheet: Large Habitat (See Figure 1)

Site Name: \_\_\_\_\_ Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ Observer: \_\_\_\_\_

Visit #: \_\_\_\_ of 2 Skies (circle): Clear / Partly Cloudy / Bright Overcast Temp: \_\_\_\_\_ °F

Type of planting (circle): Meadow / Range / Cover Crop / Other (describe): \_\_\_\_\_

Conduct observations in the afternoon (noon–4 pm), when temperatures are over 60°F, skies are clear (partly cloudy or bright overcast is OK as long as you can see your shadow) and wind speed is low (a gentle breeze or less). **Conduct observations on two 100 ft transects in open areas of the planting.** One transect should be 10–20 ft from the edge, and the other should be 250 ft from the edge or at the center of the habitat, whichever is shorter. Observe plants in each transect for 7.5 minutes. For each transect, record the number of native bees and honey bees visiting flowers (touching reproductive structures of flowers) within 3 ft of one side of your transect line. You can note flies, wasps, or other floral visitors in the notes.

Transect	Start Time	End Time	# Native Bees	# Honey Bees	Notes
Transect 1 (10–20 feet from edge of planting)					
Transect 2 (center of planting)					

Site notes (e.g. details of the planting, dominant plants in bloom, proximity of honey bee hives, etc.): \_\_\_\_\_

---



---



---



---



---

# Bee Monitoring Data Sheet: Small Planting Blocks (See Figure 2)

Site Name: \_\_\_\_\_ Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ Observer: \_\_\_\_\_

Visit #: \_\_\_\_ of 2 Skies (circle): Clear / Partly Cloudy / Bright Overcast Temp: \_\_\_\_\_ °F

Type of planting (circle): Field Trials / Meadow / Cover Crop / Other (describe): \_\_\_\_\_

Conduct observations in the afternoon (noon–4 pm), when temperatures are over 60°F, skies are clear (partly cloudy or bright overcast is OK as long as you can see your shadow) and wind speed is low (a gentle breeze or less). **Conduct observations on 200 ft of transects, evenly spaced through the planting.** Observe plants in all combined transects for a total of 15 minutes. For each transect, record the number of native bees and honey bees visiting flowers (touching reproductive structures of flowers) within 3 ft of one side of your transect line. You can note flies, wasps, or other floral visitors in the notes.

Transect	Start Time	End Time	# Native Bees	# Honey Bees	Notes
Transect 1 length: _____					
Transect 2 length: _____					
Transect 3 length: _____					
Transect 4 length: _____					

Site notes (e.g. details of the planting, dominant plants in bloom, proximity of honey bee hives, etc.): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# Bee Monitoring Data Sheet: Linear Planting (See Figure 3)

Site Name: \_\_\_\_\_ Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ Observer: \_\_\_\_\_

Visit #: \_\_\_\_ of 2 Skies (circle): Clear / Partly Cloudy / Bright Overcast Temp: \_\_\_\_\_ °F

Type of planting (circle): Hedgerow / Windbreak / Insectary Strip / Other (describe): \_\_\_\_\_

Conduct observations in the afternoon (noon–4 pm), when temperatures are over 60°F, skies are clear (partly cloudy or bright overcast is OK as long as you can see your shadow) and wind speed is low (a gentle breeze or less). **Conduct observations on two 100 ft transects along either side of the planting.** Observe plants in each 100 ft transect for 7.5 minutes. For each transect, record the number of native bees and honey bees visiting flowers (touching reproductive structures of flowers) within 3 ft of one side of your transect line. You can note flies, wasps, or other floral visitors in the notes. If it is less than 6 ft wide, consider using a single 200 ft transect.

Transect	Start Time	End Time	# Native Bees	# Honey Bees	Notes (Describe where transect is located)
Transect 1 (side A) length: _____					
Transect 2 (side B) length: _____					

Site notes (e.g. details of the planting, dominant plants in bloom, proximity of honey bee hives, etc.): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_