I-Pollinate Monarch Survey Data Sheet

1. **Record the address of the I-Pollinate garden and the date**
2. **Select one of the descriptions of how the height of the surrounding vegetation roughly compares to the milkweeds.**
3. **Record the type of milkweed and the number of milkweed plants that are present and alive.**
   - If a plant is standing but has no remaining leaves (because they have been eaten or damaged), you can count it as alive.
   - If the plant has disappeared it may re-sprout later, but do not count it on this date.
4. **Carefully check each plant for monarch butterfly eggs and larvae.**
   - Look on all parts of the plant, including the bottom of the leaves, the top of the leaves, the stem, flowers or flower buds (if present), and new growth at the end of the stems (if present).
   - Handle the plant carefully to avoid disturbing or dislodging monarchs
5. **Record the number of ALL eggs and larvae in each instar stage.**
   - Include eggs and larvae that appear to be damaged or dead.
   - Information for each plant # should go into a single row.
   - If you aren't sure what instar a larvae is in, that's OK. Take your best guess. The best clue is to look at both the front and back tentacles.
6. **Record the number of eggs and larvae that appear to be dead or damaged.**
   - Group all larval instars together into one category, "larvae".
7. **Add any additional notes that you think may be interesting or important.**
   - A plant might have a different insect herbivore on it that you might want to mention, like aphids or the milkweed tussock moth caterpillar.
   - Rabbits or squirrels may have damaged a plant.
8. **Go to ipollinate.illinois.edu and submit your data**

Address: Date:	Type of milkweed: ☐ Swamp milkweed ☐ Other: _____	Number of monarch							Number of Damaged/Dead	
Surrounding Vegetation Height *Check one box*	# of plants alive:	Eggs	1st instar	2nd instar	3rd instar	4th instar	5th instar		Eggs	Larvae
If shorter than milkweed plants ☐ *Less* than half as tall as milkweeds	Plant 1									
☐ *More* than half as tall as milkweeds	Plant 2									
If taller than milkweed plants ☐ *Less* than twice as tall as milkweeds	Plant 3									
☐ *More* than twice as tall as milkweeds	Plant 4									

Notes: