Name:
 Period:

## Made in the Shade

The Effects of Agrivoltaics on Crops

		Iranspira	tion Experiment	•
REDI	CTION			
. I pre	edict that the	water loss of the	treatr	ment will be <b>higher</b> (circle one
		ha an ha an an an tao an ta		·II h - th)
	under ti	he solar panels in th	e sun neither (the	y will be the same)
Data			1	
	Circle one	Starting Mass (g)	Ending Mass (g)	Change in Mass (g) Ending - Starting
	Under the Solar Panels	r		
		g÷g ×		ups. The value may be negatives of the second se
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5. Using what you know about transpiration, explain your results.

## Photosynthesis Experiment

## RESULTS

- On the diagram below, draw an arrow showing where your flashlight was positioned when the maximum photosynthesis occurred (the most beads changed color). Label this arrow MAX Photosynthesis.
- 7. How many beads changed color? \_\_\_\_\_ beads
- 8. On the diagram below, draw an arrow showing where your flashlight was positioned when you generated the most energy from the solar panel. Label this arrow **MAX Energy**.
- 9. How much energy were you able to produce? \_\_\_\_\_\_ volts



## Engaging in Argument from Evidence

10. Based on your experiments, would solar panels be beneficial to farmers? Give evidence from the experiments to back up your claim and explain your reasoning.