

Light Quality Experiment

Plants grown:

Date seeds planted:

Number of seeds under each light:

Height of light fixtures:

Daily light exposure (hours):

		Type of Bulb		
		Cool White	Warm White	Full Spectrum
Cost				
Intensity of light (in footcandles or lux*)				
Plant Growth				
Date:	% germination			
	Average height			
	Appearance (vigorous, healthy, fair, or poor)			
	Additional notes			
Date:	% germination			
	Average height			
	Appearance (vigorous, healthy, fair, or poor)			
	Additional notes			
Date:	% germination			
	Average height			
	Appearance (vigorous, healthy, fair, or poor)			
	Additional notes			

*make note of the type of measurement used Light Intensity Experiment 1

Type of Bulb:

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Height	Bulb Intensity (in footcandles or lux*)		
	Shelf 1	Shelf 2	Shelf 3
6" from shelf			
1' from shelf			
1.5' from shelf			

*make note of the type of measurement used

Light Intensity Experiment 2

Plants grown:

Date seeds planted:

Number of seeds under each light:

Daily light exposure (hours):

		Shelf 1	Shelf 2	Shelf 3
Height of Light Fixtures				
Intensity of light (footcandles or lux*)				
Plant Growth				
Date:	% germination			
	Average height			
	Appearance (vigorous, healthy, fair, or poor)			
	Additional notes			
Date:	% germination			
	Average height			
	Appearance (vigorous, healthy, fair, or poor)			
	Additional notes			
Date:	% germination			
	Average height			
	Appearance (vigorous, healthy, fair, or poor)			
	Additional notes			

*make note of the type of measurement used Light Duration Experiment

Plants grown:

Date seeds planted:

Number of seeds under each light:

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Height of Light Fixtures:

		Shelf 1	Shelf 2	Shelf 3
Daily light exposure (hours)				
Intensity of light (footcandles or lux*)				
Plant Growth				
Date:	% germination			
	Average height			
	Appearance (vigorous, healthy, fair, or poor)			
	Additional notes			
Date:	% germination			
	Average height			
	Appearance (vigorous, healthy, fair, or poor)			
	Additional notes			
Date:	% germination			
	Average height			
	Appearance (vigorous, healthy, fair, or poor)			
	Additional notes			

*make note of the type of measurement used