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Name

Hydroponics Worksheet

Time	"Soil"	Height	Time	"Complete Nutrient"	Height
(days)	Appearance of Seedlings	(mm)	(days)	Appearance of Seedlings	(mm)
1			1		
2			2		
3			3		
4			4		
5			5		
6			6		
7			7		
8			8		
9			9		
10			10		
11			11		
12			12		
13			13		
14			14		
					i
Time (days)	"Minus Iron" Appearance of Seedlings	Height (mm)	Time (days)	"Minus Calcium" Appearance of Seedlings	Height (mm)

Time (days)	"Minus Iron" Appearance of Seedlings	Height (mm)	Tin (da
1			1
2			2
3			3
4			4
5			5
6			e
7			7
8			8
9			9
10			10
11			11
12			12
13			13
14			14

Time	"Minus Calcium"	Height
(days)	Appearance of Seedlings	(mm)
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		

Post-Lab Questions (Answer on a separate sheet of paper.)

- 1. Compare the plants grown in the soil with those in the complete nutrient solution. Were there major differences in germination rate or overall growth?
- 2. Describe the appearance of wheat seedlings grown without iron compared to those with iron.
- 3. Describe the appearance of wheat seedlings grown without calcium compared to those with calcium.
- 4. Why do plant roots need to be aerated?
- 5. Why were five seeds planted in each cup instead of just one?

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