





When to start indoors?			
• Count back from last freeze date: https	://www.weather.gov	/abq/springfreezetab	le
Spring Freeze Data for	Cities Across	New Mexico	
	ahia tar citiac wit		
(Probabilistic charts are avai	lable for cities wit	n links)	
Central Valley	32°F Average	32°F Latest	
Central Valley <u>Albuquerque Sunport</u>	32°F Average April 7	32°F Latest May 27, 1918	
Central Valley <u>Albuquerque Sunport</u> Albuquerque South Valley	32°F Average April 7 April 18	32°F Latest May 27, 1918 May 7, 1999	
Central Valley <u>Albuquerque Sunport</u> Albuquerque South Valley Albuquerque Foothills	32°F Average April 7 April 18 April 16	May 27, 1918 May 7, 1999 May 3, 2008	







Table 1. Soft elliperature controls for vegetable (19) germinatori. Maximum (F) Optimum Range (F) Optimum (F) Maximum (F) Beet • 40 50-85 85 85 Cabbage 40 45-95 85 100 Cauliflower 40 45-85 80 100 Celery 40 60-70 70 85 Chard 40 50-85 85 95 Cucumber 60 60-95 95 105 Eggplant 60 75-90 85 95 Melons 60 75-95 90 100 Onion 35 50-95 75 95 Parsley 40 50-85 85 95 Pumpkin 60 75-95 90 100 Minion 35 50-95 75 95 Parsley 40 50-85 85 95 Pumpkin 60 70-90 90 100 Main 35 45-75 70 85 Squash 60 <th>Table 1 Soil tomr</th> <th>orature conditions for you</th> <th>atable grop gormination</th> <th></th> <th></th>	Table 1 Soil tomr	orature conditions for you	atable grop gormination				
Minimum (F)Optimum Range (F)Optimum (F)Maximum (F)Beet*4050-858585Cabbage4045-9585100Cauliflower4060-707085Calder4060-707085Chard4050-858595Cucumber6060-9595105Eggplant6075-908595Lettuce3540-80755Melons507590100Onion3550-957590Pepper6065-958595Pumpkin6070-9090100Lup funct35757085Pumpkin6070-9090100Lup funct357085100	Table 1. Son temp	bie 1. Son temperature conditions for vegetable crop gerinniation.					
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Pepper 60 65-95 85 95 Pumpkin 60 70-90 90 100 ppinach 35 45-75 70 85 squash 60 70-95 95 100	Parsley	40	50-85	75	90		
Pumpkin 60 70-90 90 100 pinach 35 45-75 70 85 squash 60 70-95 95 100	Pepper	60	65-95	85	95		
Spinach 35 45-75 70 85 Squash 60 70-95 95 100	Pumpkin	60	70-90	90	100		
Squash 60 70-95 95 100	Spinach	35	45-75	70	85		
	Squash	60	70-95	95	100		











LIGHT

• The Sun beams photons at the Earth, which have varying wavelengths. These wavelengths are best observed in a rainbow; where on one side you can see red and orange light (longer wavelengths) and at the opposite are blue and violet (shorter wavelengths). Plants absorb mostly the red and blue ends of the spectrum, but not much green light, reflecting it instead, hence why plants are green.

Most seeds do not need light to germinate (heat though) but they do need light once they emerge























DISEASE: *etiolation*

- Uh-oh. They are "LEGGY" •
- caused by low light •
- **APPEARANCE:**

 - Weak. long, thin stems
 Plant struggling to support itself
 Stretching to reach a light source

PREVENTION: •

- 8-12 hours of light a day Grow lights work best
- WHAT TO DO:
 - catch it as quick as you can provide more light

 - Plant them
 - Start over









