



## Planting After The May 2013 Freeze in West Texas

The freezing temperatures on May 2 and 3, while not unprecedented, surprised nearly everyone in West Texas this week. As we approach planting, growers should consider not only soil temperatures, but also the 5-day forecast before planting following this latest cool front. Additionally, pay particular attention to the forecast low for the first 48 hours following planting, as this represents the most sensitive period for chilling injury during imbibition.

Below are the long-range temperature forecasts for four West Texas locations, from Saturday, May 4 through Sunday, May 12, and the 5-day DD60 accumulation and planting recommendation.

### What Is A 'Favorable' Weather Forecast For Planting?

Predictive DD60 Accumulation for 5 days Following Planting	Outlook for Planting
10 or less	Very Poor
11 - 15	Poor
16 - 25	Marginal
25 - 50	Good
Over 50	Very Good

Source: *Cotton Physiology Today*, Vol. 13, No. 1, April, 2007. National Cotton Council

Plainview						
	High	Low	DD60s	Accumulated DD60s for next 5 days	Recommendation	
5/4/2013	72	36	0	22	Do Not Plant (chilling injury risk)	
5/5/2013	75	44	0	30	Do Not Plant (chilling injury risk)	
5/6/2013	75	49	2	36	Do Not Plant (chilling injury risk)	
5/7/2013	86	53	9.5	38	Marginal for planting (<50F predicted later in week)	
5/8/2013	88	53	10.5	33	Marginal for planting (<50F predicted later in week)	
5/9/2013	83	53	8	n/a		
5/10/2013	81	51	6	n/a		
5/11/2013	79	49	4	n/a		
5/12/2013	81	48	4.5	n/a		

Lubbock						
	High	Low	DD60s	Accumulated DD60s for next 5 days	Recommendation	
5/4/2013	76	39	0	30	Do Not Plant (chilling injury risk)	
5/5/2013	77	47	2	41	Do Not Plant (chilling injury risk)	
5/6/2013	77	51	4	47.5	Adequate for planting	
5/7/2013	88	55	11.5	49.5	Adequate for planting	
5/8/2013	90	55	12.5	45	Adequate for planting	
5/9/2013	87	55	11	n/a		
5/10/2013	84	53	8.5	n/a		
5/11/2013	81	51	6	n/a		
5/12/2013	84	50	7	n/a		

Seminole						
	High	Low	DD60s	Accumulated DD60s for next 5 days	Recommendation	
5/4/2013	78	40	0	33.5	Do Not Plant (chilling injury risk)	
5/5/2013	79	47	3	45.5	Do Not Plant (chilling injury risk)	
5/6/2013	80	51	5.5	51	Very good for planting	
5/7/2013	91	53	12	52	Very good for planting	
5/8/2013	90	56	13	48.5	Very good for planting	
5/9/2013	89	55	12	n/a		
5/10/2013	84	53	8.5	n/a		
5/11/2013	83	50	6.5	n/a		
5/12/2013	86	51	8.5	n/a		

Snyder						
	High	Low	DD60s	Accumulated DD60s for next 5 days	Recommendation	
5/4/2013	77	44	0.5	45.5	Do Not Plant (chilling injury risk)	
5/5/2013	77	50	3.5	60.5	Do Not Plant (chilling injury risk)	
5/6/2013	82	56	9	69	Very good for planting	
5/7/2013	90	62	16	70.5	Very good for planting	
5/8/2013	92	61	16.5	66	Very good for planting	
5/9/2013	91	60	15.5	n/a		
5/10/2013	85	59	12	n/a		
5/11/2013	84	57	10.5	n/a		
5/12/2013	86	57	11.5	n/a		

Forecasts from [www.weather.com](http://www.weather.com), as of 8 am, May 3.

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