

			Environment			Nutrients (Measured Teaspoons per Gallon)				
Date	Week	Day	Temp	RH	Water PH	Cal / Mag	Big Bloom	Grow Big	Tiger Bloom	Notes
Dec 01	Thu	x								Germinated seed in soil mix / solo cup.
Dec 02	Fri	x								
Dec 03	Sat	x								
Dec 04	Sun	x								
Dec 05	Mon	x								
Dec 06	Tue	1	1	73°	15%					Soil Mix: 4 gallons Happy Frog, ½ gallon Perlite, 3 Tablespoons of Dolomite Lime; 4-gallon smart pot; G8LED light suspended 20" above soil line. Seedling emerged today with husk attached. Husk still attached. Misted with water to soften until I was able to remove it.
Dec 07	Wed		2	73°	15%					
Dec 08	Thu		3	73°	15%	6.5				
Dec 09	Fri		4	73°	15%					
Dec 10	Sat		5	74°	18%					
Dec 11	Sun		6	74°	18%	6.5				
Dec 12	Mon		7	74°	19%					
Dec 13	Tue	2	8	74°	18%					Not sure if it's the extremely low humidity, but the leaves look dry and splotchy. Misted with water. First nutrients. Watered with 1 cup distilled water with 4 drops of BB and 2 drops of GB (75 drops = 1 tspn, 1 gallon = 16 cups). Filled tray with water to increase humidity.
Dec 14	Wed		9	74°	17%	6.5				
Dec 15	Thu		10	73°	15%					
Dec 16	Fri		11	73°	18%	6.5	1.00	0.50		
Dec 17	Sat		12	73°	16%					
Dec 18	Sun		13	73°	12%	6.5				
Dec 19	Mon		14	71°	18%					
Dec 20	Tue	3	15	73°	18%	6.5	0.50			Watered with one cup distilled water and two drops Cal/Mag. Observed tap root coming out of the bottom of the Solo cup. Added water to drain tray to try to bump up humidity. The 1/2 gallon of water added to the drain tray two days ago has already evaporated. Added another 1/2 gallon to the drain tray to bump up humidity. Will continue to keep water in drain tray. Watered with one cup distilled water and two drops Cal/Mag. Watered with one cup distilled water and two drops Cal/Mag. Observed roots coming from all drain holes on the cup. Transplanted into smart pot. Watered with 16 ounces of plain distilled water.
Dec 21	Wed		16	72°	22%					
Dec 22	Thu		17	72°	20%					
Dec 23	Fri		18	70°	23%	6.5	0.50			
Dec 24	Sat		19	72°	22%					
Dec 25	Sun		20	73°	22%	6.5	0.50			
Dec 26	Mon		21	72°	22%	6.5				
Dec 27	Tue	4	22	72°	22%					Watered with 16 ounces of distilled water with 8 drops of BB and 4 drops of GB. Watered with 16 ounces of distilled water with 4 drops of Cal/Mag.
Dec 28	Wed		23	73°	18%					
Dec 29	Thu		24	72°	22%	6.7	1.00	0.50		
Dec 30	Fri		25	68°	22%					
Dec 31	Sat		26	70°	18%					
Jan 01	Sun		27	71°	18%	6.7	0.50			
Jan 02	Mon		28	69°	18%					
Jan 03	Tue	5	29	73°	15%					Watered with 16 ounces of distilled water with 4 drops of Cal/Mag. Strangely, the plant has produced three leaves at the top-most node (instead of 2 symetric leaves, one on each side of the stem). Watered with 16 ounces of distilled water with 8 drops of BB and 4 drops of GB.
Jan 04	Wed		30	70°	19%	6.7	0.50			
Jan 05	Thu		31	69°	17%					
Jan 06	Fri		32	70°	16%					
Jan 07	Sat		33	70°	16%	6.8	1.00	0.50		
Jan 08	Sun		34	70°	18%					
Jan 09	Mon		35	69°	21%					
Jan 10	Tue	6	36	70°	21%					Watered with 16 ounces of distilled water with 4 drops of Cal/Mag. Topped to second node. Removed all lower growth.
Jan 11	Wed		37	70°	21%	6.7	0.50			
Jan 12	Thu		38	70°	19%					
Jan 13	Fri		39	70°	20%					
Jan 14	Sat		40	70°	21%	6.7	0.50			
Jan 15	Sun		41	70°	22%					

Jan 16	Mon		42	70°	22%				
Jan 17	Tue		43	70°	21%	6.7	1.00	0.50	Watered with 16 ounces of distilled water with 8 drops of BB and 4 drops of GB.
Jan 18	Wed		44	69°	22%				
Jan 19	Thu		45	70°	21%				
Jan 20	Fri	7	46	69°	23%	6.7	0.50		Watered with 32 ounces of distilled water with 8 drops of Cal/Mag.
Jan 21	Sat		47	69°	23%				
Jan 22	Sun		48	70°	21%				
Jan 23	Mon		49	69°	18%	6.6	2.00	0.75	Watered with 32 ounces of distilled water with 1/2 tspn of BB and 10 drops of GB.
Jan 24	Tue		50	69°	23%				
Jan 25	Wed		51	69°	20%				
Jan 26	Thu		52	69°	20%	6.7	0.50		Watered with 32 ounces of distilled water with 8 drops of Cal/Mag.
Jan 27	Fri	8	53	68°	19%				
Jan 28	Sat		54	70°	16%				
Jan 29	Sun		55	70°	20%	6.7	0.50		Watered with 48 ounces distilled water and 8 drops of Cal/Mag. Noted what appears to be a slight amount of "nitrogen claw" on some of the larger leaves. Backing off on the nutrients a bit.
Jan 30	Mon		56	69°	21%				
Jan 31	Tue		57	70°	19%				
Feb 01	Wed		58	69°	22%	6.6	1.50	0.50	Watered with 48 ounces of distilled water with 1/2 tspn of BB and 10 drops of GB.
Feb 02	Thu		59	68°	22%				Topped each cola to the third node. Removed growth from second node, leaving 1st and 3rd nodes intact.
Feb 03	Fri	9	60	69°	20%				
Feb 04	Sat		61	70°	20%	6.7	0.50		Watered with 48 ounces of distilled water with 8 drops of Cal/Mag.
Feb 05	Sun		62	69°	22%				
Feb 06	Mon		63	69°	23%				
Feb 07	Tue		64	69°	22%	7.0	0.50		Watered with 64 ounces (1/2 gallon) of distilled water with 10 drops of Cal/Mag.
Feb 08	Wed		65	69°	22%				
Feb 09	Thu		66	68°	25%				
Feb 10	Fri	10	67	68°	25%	6.7	1.50	0.50	Watered with 64 ounces (1/2 gallon) of distilled water with 3/4 tspn of BB and 18 drops (1/4 tspn) of GB .
Feb 11	Sat		68	69°	25%				
Feb 12	Sun		69	69°	25%				
Feb 13	Mon		70	69°	24%				Raised grow light to 22 inches above canopy to try and induce a little stretch in the tops.
Feb 14	Tue		71	70°	20%	6.6	0.50		Watered with 64 ounces (1/2 gallon) of distilled water with 15 drops of Cal/Mag.
Feb 15	Wed		72	69°	24%				
Feb 16	Thu		73	68°	24%				
Feb 17	Fri	11	74	69°	20%	6.6	0.40		Watered with 64 ounces (1/2 gallon) of distilled water with 10 drops of Cal/Mag.
Feb 18	Sat		75	68°	24%				
Feb 19	Sun		76	69°	24%				
Feb 20	Mon		77	69°	23%	6.6	1.50	0.50	Watered with 64 ounces (1/2 gallon) of distilled water with 3/4 tspn of BB and 18 drops (1/4 tspn) of GB .
Feb 21	Tue		78	68°	25%				
Feb 22	Wed		79	68°	24%				Canopy height at 9 inches above soil (one inch below ring). Raised grow light to obtain 22 inches above canopy.
Feb 23	Thu		80	68°	21%				
Feb 24	Fri	12	81	71°	18%	7.0	0.50		Watered with 64 ounces (1/2 gallon) of distilled water with 15 drops of Cal/Mag. Removed several small leaves from the bottom interior of the plant where no light was getting through.
Feb 25	Sat		82	71°	18%				
Feb 26	Sun		83	71°	20%				
Feb 27	Mon		84	71°	17%	7.0	0.50		Watered with 64 ounces (1/2 gallon) of distilled water with 15 drops of Cal/Mag.
Feb 28	Tue		85	71°	20%				
Mar 01	Wed		86	70°	20%				Most tops have reached or passed the ring.
Mar 02	Thu		87	70°	19%				
Mar 03	Fri	13	88	70°	17%	6.5	1.50	0.50	Watered with 1 gallon of distilled water with 1.5 tspn of BB and 1/2 tspn of GB . Leaves were very droopy and the plant clearly needed some water.
Mar 04	Sat		89	70°	21%				
Mar 05	Sun		90	70°	20%				
Mar 06	Mon		91	70°	17%	6.7	0.50		Watered with 1 gallon of distilled water with 1/2 tspn of Cal/Mag. All tops have grown past the ring so have removed all tie-down restraints.

Mar 07	Tue	14	92	70°	17%					Defoliated the bottom-most nodes of each of the eight mains, removing all growth at the base of the plant. This will concentrate growth towards the top. Watered with 1 gallon of distilled water with 1/2 tspn of Cal/Mag.	
Mar 08	Wed		93	70°	20%						
Mar 09	Thu		94	70°	17%	6.5	0.50				
Mar 10	Fri		95	69°	23%						
Mar 11	Sat		96	70°	24%						
Mar 12	Sun		97	71°	20%	6.5		1.50	0.50		
Mar 13	Mon		98	70°	26%					Watered with 1 gallon of distilled water with 1.5 tspn of BB and 1/2 tspn of GB. Most tops are now 4 inches above the ring.	
Mar 14	Tue	15	99	69°	27%					All tops are now between 3 and 5 inches above the ring. Watered with 1 gallon of distilled water with 1/2 tspn of Cal/Mag. Plant was thirsty as leaves were very droopy.	
Mar 15	Wed		100	69°	28%	6.5	0.50				
Mar 16	Thu		101	69°	24%						
Mar 17	Fri		102	69°	27%						
Mar 18	Sat		103	70°	24%	6.5	0.50				
Mar 19	Sun		104	69°	28%						
Mar 20	Mon		1	68°	26%					All growth appears healthy and on track. Plant height is 15 inches above soil, 5 inches above ring. Raised light to near maximum ensuring 20" above canopy. Lights switched to 12/12.	
Mar 21	Tue	16/1	2	68°	28%	6.5		1.50	1.00	Most tops are about 6 inches above the ring. Have two "stragglers" running behind the others; they are about 4 inches above the ring. Watered with 1 gallon of distilled water with 1/2 tspn of Cal/Mag.	
Mar 22	Wed		3	70°	31%						
Mar 23	Thu		4	70°	30%						
Mar 24	Fri		5	73°	24%	6.7	0.50				
Mar 25	Sat		6	70°	30%						
Mar 26	Sun		7	71°	27%						
Mar 27	Mon		8	73°	25%	6.5	0.50			Watered with 1 gallon of distilled water with 1/2 tspn of Cal/Mag.	
Mar 28	Tue	17/2	9	72°	28%					Most of the tops are > 7 inches above the ring. The shortest "straggler" is about 5.5 inches above the ring. Observed first female pistils.	
Mar 29	Wed		10	72°	27%						
Mar 30	Thu		11	72°	27%	6.6		1.50	1.00		0.25
Mar 31	Fri		12	72°	28%						
Apr 01	Sat		13	72°	26%						
Apr 02	Sun		14	72°	24%	6.7	0.50				
Apr 03	Mon		15	68°	31%						
Apr 04	Tue	18/3	16	71°	27%					Most tops average 8.5 inches above the ring. Over the past several days, two lower leaves have exhibited the classic signs of magnesium deficiency (one leaf had already dropped off the plant). Will start feeding nutrients with every other watering. Will also cease GB going forward.	
Apr 05	Wed		17	72°	22%	6.7		1.50	1.00		0.50
Apr 06	Thu		18	72°	25%						
Apr 07	Fri		19	72°	24%						
Apr 08	Sat		20	73°	23%	6.5	1.00				
Apr 09	Sun		21	70°	26%						
Apr 10	Mon		22	72°	20%					Noted another large leaf on the very bottom of the plant beginning to yellow between the veins. Will increase CalMag.	
Apr 11	Tue	19/4	23	72°	20%	6.4	1.00			Most of the tops are > 9 inches above the ring. The shortest "straggler" is about 6.5 inches above the ring. Noted development of first trichomes.	
Apr 12	Wed		24	71°	24%						
Apr 13	Thu		25	72°	24%						
Apr 14	Fri		26	72°	26%	6.4		1.50			1.00
Apr 15	Sat		27	72°	24%						
Apr 16	Sun		28	72°	24%						
Apr 17	Mon		29	70°	29%	6.8	1.00			Defoliated about 20 leaves from the interior of the plant to allow more light to reach the buds.	
Apr 18	Tue	20/5	30	72°	28%					Plant is exhibiting nitrogen claw, probably from a combination of the Grow Big and MagiCal (both high in nitrogen). With the switch to Tiger Bloom, nitrogen should decrease.	
Apr 19	Wed		31	72°	26%						
Apr 20	Thu		32	73°	24%	6.5	1.00				
Apr 21	Fri		33	72°	28%						
Apr 22	Sat		34								

Apr 23	Sun	35		1.50	1.00
Apr 24	Mon	36			
Apr 25	Tue	37			
Apr 26	Wed	38		1.00	
Apr 27	Thu	39			
Apr 28	Fri	21/6	40		
Apr 29	Sat	41			
Apr 30	Sun	42			
May 01	Mon	43			
May 02	Tue	44			
May 03	Wed	45			
May 04	Thu	46			
May 05	Fri	22/7	47		
May 06	Sat	48			
May 07	Sun	49			
May 08	Mon	50			
May 09	Tue	51			
May 10	Wed	52			
May 11	Thu	53			
May 12	Fri	23/8	54		
May 13	Sat	55			
May 14	Sun	56			
May 15	Mon	57			
May 16	Tue	58			
May 17	Wed	59			
May 18	Thu	60			
May 19	Fri	24/9	61		
May 20	Sat	62			
May 21	Sun	63			
May 22	Mon	64			
May 23	Tue	65			
May 24	Wed	66			
May 25	Thu	67			
May 26	Fri	25/10	68		
May 27	Sat	69			
May 28	Sun	70			
May 29	Mon	71			
May 30	Tue	72			
May 31	Wed	73			
Jun 01	Thu	74			
Jun 02	Fri	26/11	75		
Jun 03	Sat	76			
Jun 04	Sun	77			
Jun 05	Mon	78			
Jun 06	Tue	79			
Jun 07	Wed	80			
Jun 08	Thu	81			
Jun 09	Fri	27/12	82		
Jun 10	Sat	83			
Jun 11	Sun	84			
Jun 12	Mon	85			