



**CARUSO AG**  
**CANNABIS CULTIVATION RECIPE**  
 LED version 1.6

**CARUSO AG**

Description	Veg Week 1	Veg Week 2	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
<b>CARUSO AG</b>	<b>Veg</b>	<b>Veg</b>	<b>Early Bloom</b>	<b>Early Bloom</b>	<b>Mid Bloom</b>	<b>Mid Bloom</b>	<b>Late Bloom</b>	<b>Late Bloom</b>	<b>Late Bloom</b>	<b>Pre Harvest</b>	<b>Flush</b>	<b>Flush</b>
<b>PH Down/Up</b>	As needed	As needed	As needed	As needed	As needed	As needed	As needed	As needed	As needed	As needed	As needed	As needed
<b>Front Row Ag Silica</b>	.25ML	.25ML	.33ML	.33ML	.33ML	.33ML	.33ML	.5ML	.5ML			
<b>Front Row Ag - A</b>	5.9G	5.9G	4.2G	4.2G	3.9G	3.7G	3.0G	2.9G	2.7G	2.4G		
<b>Front Row Ag - B</b>	3.9G	3.9G	2.8G	2.8G	2.5G	2.1G	2.0G	2G	1.9G	1.6G		
<b>Front Row Ag - Bloom</b>			3.2G	3.2G	3.4G	3.4G	3.4G	3.4G	3.2G	2.8G		
<b>Flying Skull - Z7</b>	.5ml	.5ml	.5ml	.5ml	.5ml	.5ml	.5ml	.5ml	.5ml	.5ml	1.5ml	
<b>Earth Juice - Hi Brix (every other batch tank)</b>		1ml	1ml	1ml	1ml	2ml	2ml	2ml	2ml	2ml	2ml	
<b>Protection Plus &amp; Bio Safe Program</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Temperature day/Night</b>	83/78	83/78	83/75	84/75	84/75	82/75	80/75	78/75	76/75	76/75	76/75	76/75
<b>Humidity day/Night</b>	75/70	75/70	73/65	73/65	71/64	67/62	61/58	59/50	57/55	55/55	55/55	55/55
<b>VPD - Air (KPA)</b>	1.1	1.1	1.13	1.15	1.18	1.2	1.31	1.32	1.33	1.38	1.38	1.38
<b>Training &amp; Pruning</b>	Do Not Top	Do Not Top			Day 21 Lollipop	Day 28 Defol big leaf						
<b>Water Temperature</b>	70	70	70	70	70	70	70	70	70	70	70	70
<b>Feeding</b>	P2 - 2% dry back / P3 35-15% dry back	P2 - 3% dry back / P3 15% dry back	P2 - 6% dry back / P3 15-35% dry back	P2 - 7% dry back / P3 35% dry back	P2 - 7% dry back / P3 35% dry back	P2 - 6% dry back / P3 20% dry back	P2 - 3% dry back / P3 15% dry back	P2 - 3% dry back / P3 15% dry back	P2 - 3% dry back / P3 15% dry back	P2 - 5% dry back / P3 15% dry back	P2 - 7% dry back / P3 15% & 35% dry back	P2 - 7% dry back / P3 15% & 35% dry back
<b>Media EC @ Field Cap</b>	3.5EC	3.5EC	3.5EC	5EC	5EC	3EC	2.5EC	2EC	1.5EC	1EC	0EC	0EC
<b>PH</b>	6.4	6.3	6.2	6.1	6	5.9	5.8	5.7	5.6	5.5	5.5	5.5
<b>CO2 PPM</b>			1250	1250	1250	1250	1250	1250	1000	700	400	400
<b>Light Period</b>	17 ON	17 ON	12ON	12ON	12ON	12ON	12ON	12ON	12ON	12ON	12ON	10ON
<b>Moles Per Day</b>												
<b>µmoles (PPFD)</b>	150-250	250-450	450-700	700-800	800-900	800-900	800-900	800-900	800	800-700	600	600

~ **Measurements;** All measurements stated on this chart are based on one (1) us Gallon & the measurements.

**STRUCTURE**

~ **Medium;** COCO 1.5 gal / ROCKWOOL 6" hugo / FOAM 2 Gallon Pots

~ **Plant Count;** 1.25sq/ft

~ **Total Sq/Ft Canopy;**

~ **Strain;**

~ **Lighting;** LED

~ **Feeding;**

~ **Yield - Grams Per Sq/Ft;**

~ **Mix Nutrients;** Mix in the ascending order its in, listed above.

~ **µmoles Light Equation;** Target moles / Light on Period / 60 min / 60 sec = photons per sq. meter x 1,000,000 = µmoles second real time.

~ **Moles Light Equation;** µmoles x 60 sec x 60 min x lights on period = umoles per day / 1,000,000 = Moles per light cycle (day).

~ **Treatment;** when you first get all your coco into your containers (before plants) we 1st make a coco treatment with cal mag, this breaks down pre salts. **1st** mix a solution of 3ML per gallon of cal mag in your reservoir and apply to the coco until you have the target runoff, **2nd** wash out your reservoir and macro flush the media until you have 0 EC of runoff, **3rd** transplant, **4th** Mix feed target solution in reservoir and initiate CAM.

~ **10+/- Week Strains;** Repeat week 7 if you have a strain that goes longer than 10 weeks. Remove week 7 first, if you run strains that go less than 10 weeks.

~ **Feeding;** Veg you will want to feed in a 8-12 hour window, Flowering week 1-3 you will want to feed in a 6 hour window or less, Flowering week 4-8 you will want to feed in a 10 hour window, Flowering week 9-10 you will want to water in a 4-6hour window. (Must Hit the correct dry backs at night, adjust as needed.

~ **Pre Harvest;** continue to use the pre harvest feeding until you hit your desired amber trichome percentage, then start your flush.

~ **Dry & Cure;** hang plants for 14 days in 60% H - 60F , dry Trim and then Cure for 4-5 weeks. (burp the jar once a day for the first 3 weeks)

