BOTANICARE
PLANT ENERGY PRODUCTS

STANDARD RECIPE

CNS17®

Amounts in ml/gallon 1/2 tsp = 2.5 ml 1 teaspoon = 5 ml 1 tablespoon = 15 ml 1 ounce = 30 ml 1 gallon = 3.8 liters

CNS17 Standard Recipe

Stage of Growth	Seedlings / Clones	Vegetative			Bloom Transition			Flowering / Fruiting				Ripening
Number of Weeks	Week 1	Week 1	Week 2	Week 3	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
CNS17 Grow	7 ml	17 ml	19 ml	20 ml	0	0	0	0	0	0	0	0
CNS17 Bloom	0	0	0	0	20 ml	20 ml	22 ml	24 ml	25 ml	25 ml	0	0
CNS17 Ripe	0	0	0	0	0	0	0	0	0	0	27 ml	22 ml

FEEDSHEET TIPS

1. In warmer environments, plants will lose more water through transpiration. Applying a more dilute nutrient solution when temperatures are warmer will prevent over-fertilization.
2. Follow these steps when using Silica Blast or Cal-Mag. When using Silica Blast, always add Silica Blast into your reservoir FIRST followed by Cal-Mag. If Silica blast is not being used and Cal-Mag is, Cal-Mag should be added FIRST, then add the remaining nutrients.
3. If growing in coconut coir-based media or if using reverse osmosis water, add 3-5 ml of Botanicare Cal-Mag Plus to the nutrient solution recipe.
4. Maintain a nutrient solution pH range between 5.5-6.5 using Botanicare pH Up or pH Down.
5. The optimal temperature range of the nutrient solution is... 68°F - 75°F (20°C - 24°C).6. Use nutrient solution immediately after mixing or keep solution circulating to prevent settling.
7. If using a recirculating system, maintain water level in reservoir by adding fresh water and nutrients as needed. Change solution every week.
8. If using a drain to waste system, allow 10-20% runoff to decrease potential for salt buildup. If no runoff is planned, reduce the PPM/EC to prevent potential salt buildup.
9. Additional Botanicare supplements have been scientifically formulated to meet plant needs during important phases of growth and development. Use Hydroguard for maximum root protection, Vitamino to enhance plant tissue development and maintain microbial-root health, and Clearex to break ionic bonds in the grow media while flushing or in the case of over fertilization.

Visit botanicare.com for additional pre-developed recipes and recommendations. Application amounts will vary based on plant types and needs.

BOTANICARE
PLANT ENERGY PRODUCTS

EXPERT RECIPE

CNS17®

Amounts in ml/gallon 1/2 tsp = 2.5 ml 1 teaspoon = 5 ml 1 tablespoon = 15 ml 1 ounce = 30 ml 1 gallon = 3.8 liters

CNS17 Expert Recipe

Stage of Growth	Seedlings / Clones	Vegetative			Bloom Transition			Flowering / Fruiting				Ripening
Number of Weeks	Week 1	Week 1	Week 2	Week 3	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
CNS17 Grow	7 ml	12 ml	14 ml	14 ml	0	0	0	0	0	0	0	0
CNS17 Bloom	0	0	0	0	13 ml	13 ml	14 ml	15 ml	15 ml	15 ml	0	0
CNS17 Ripe	0	0	0	0	0	0	0	0	0	0	17 ml	14 ml
Rhizo Blast	2 ml	2 ml	2 ml	2 ml	0	0	0	0	0	0	0	0
Pure Blend Tea	1 ml	2 ml	3 ml	5 ml	5 ml	5 ml	5 ml	5 ml	5 ml	5 ml	5 ml	5 ml
Silica Blast	2 ml	4 ml	4 ml	4 ml	4 ml	4 ml	4 ml	4 ml	4 ml	4 ml	4 ml	4 ml
Hydroguard	2 ml	2 ml	2 ml	2 ml	2 ml	2 ml	2 ml	2 ml	2 ml	2 ml	2 ml	2 ml

FEEDSHEET TIPS

1. In warmer environments, plants will lose more water through transpiration. Applying a more dilute nutrient solution when temperatures are warmer will prevent over-fertilization.
2. Follow these steps when using Silica Blast or Cal-Mag. When using Silica Blast, always add Silica Blast into your reservoir FIRST followed by Cal-Mag. If Silica blast is not being used and Cal-Mag is, Cal-Mag should be added FIRST, then add the remaining nutrients.
3. If growing in coconut coir-based media or if using reverse osmosis water, add 3-5 ml of Botanicare Cal-Mag Plus to the nutrient solution recipe.
4. Maintain a nutrient solution pH range between 5.5-6.5 using Botanicare pH Up or pH Down.
5. The optimal temperature range of the nutrient solution is... 68°F - 75°F (20°C - 24°C).6. Use nutrient solution immediately after mixing or keep solution circulating to prevent settling.
7. If using a recirculating system, maintain water level in reservoir by adding fresh water and nutrients as needed. Change solution every week.
8. If using a drain to waste system, allow 10-20% runoff to decrease potential for salt buildup. If no runoff is planned, reduce the PPM/EC to prevent potential salt buildup.
9. Additional Botanicare supplements have been scientifically formulated to meet plant needs during important phases of growth and development. Use Hydroguard for maximum root protection, Vitamino to enhance plant tissue development and maintain microbial-root health, and Clearex to break ionic bonds in the grow media while flushing or in the case of over fertilization.

Visit botanicare.com for additional pre-developed recipes and recommendations. Application amounts will vary based on plant types and needs.