



PLANT MECHANICS

PM SCIENCE GROW SCHEDULE Coco / Hydro / Soil

PM SCIENCE



Plant Mechanics products are compatible with all nutrient regimes.

Super Si is a highly potent mono silicic acid. SuperSi is the most refined silicon available and will increase plant defence, provide stronger stems, shorter internodes and larger fruit.

Root Booster V2 is an organic rooting stimulant that promotes vigorous root growth while increasing concentration of chlorophyll in leaf tissue.

Super N+ is a complex formula of three types of Nitrogen, scientifically blended with the added bonus of Calcium and Magnesium. SuperN+ will increase vegetative growth speed and remedy common deficiencies in horticulture!

MEGA PK encourages faster flower set, with more flower sites and increased potency. Mega yield and mega resin.

FLUSH 3-7 DAYS

Week	Seedling or Clone	1	2	3	4	1	2	3	4	5	6	7	8
Phase	grow	grow	grow	grow	grow	bloom	bloom	bloom	bloom	bloom	bloom	bloom	bloom
SUPER Si MONO-SILICIC ACID	—	0.15ml	0.15ml	0.15ml	0.15ml	0.3ml	0.3ml	0.15ml	0.15ml	0.15ml	0.15ml	0.15ml	0.15ml
Root V2 BOOSTER	0.2ml	0.3ml	0.5ml	0.5ml	0.5ml	0.5ml	0.5ml	0.5ml	0.5ml	0.5ml	—	—	—
SUPER N+ NITROGEN + CAL-MAG	0.3ml	0.3ml	0.5ml	0.5ml	0.5ml	0.5ml	—	—	—	—	—	—	—
MEGA PK MEGA BUD - MEGA RESIN	—	—	—	—	—	—	—	—	1ml	1ml	1ml	1ml	—
EC	0.2-0.5	1.2	1.4-1.6	1.6-1.8	1.8	1.8-2.0	2.0-2.2	2.0-2.2	2.0-2.2	2.0-2.2	2.0-2.2	2.0-2.2	2.0
PH	5.5-5.8	5.5-5.8	5.5-5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8-6.0	5.8-6.2
Humidity	70-85	70-85	70-85	70-85	70-85	70-85	60-70	60-70	50-60	50-60	50-60	40-50	40-50
PPFD $\mu\text{mol}/\text{m}^2/\text{s}$	250-350	250-350	450-550	550-650	550-650	600-800	800-1000	800-1000	800-1200	800-1200	800-1200	800-1200	800-1200

Plant Mechanics Grow Tips

Mixing Instructions: Add SuperSi first to the reservoir filled with clean water before adding any nutrients or additives. Add your favourite Base nutrients. Then add Plant Mechanics Additives. Adjust the pH to $\pm 5.5-6.5$.

PM Advice: EC value is measured with Reverse Osmosis water with an EC 0.0. Therefore, always take EC/PPM values first as water EC differs per region. The ideal water temperature of your nutrient solution is 18-21°C. Flush your crop 3-7 days prior to harvesting. Ensure your plants have sufficient light and airflow. For foliar applications please refer to bottle.

Plant Cycles: Seedling & Clones phase require 24 hours of continuous light - Airspeed m/s = 0.3

Grow / Vegetative phase require 18 hours of light and 6 hours of darkness - Airspeed m/s = 0.3 - 0.5

Bloom / Flowering phase require 12 hours of light and 12 hours of darkness - Airspeed m/s = 0.8 - 1.0

Fine tune your room



For more information please visit: www.plantmechanics.co