

*FloraMa***X**

DOSAGE CHARTS

& GROW DIARY

ProPowders™

Mineral nutrients fused with "Extracted" organics for superior results.



- 1 Bio-Synthetic Formula**
Optimum flower quality and plant health creating more valuable yields in hydro, coco or soil
- 2 Rapid Solubility**
ProPowder™ dissolves fully within minutes, even in cold or hard water. There is no need for warm RO
- 3 Revolutionary Dosing**
ProPowders™ can be premixed together as a dry blend then stored until required



ProPowders™ vs AB POWDERS

- ✔ Contains both mineral nutrients and 'extracted' organics
- ✔ Dissolves within minutes, even in cold or hard water
- ✔ Healthier roots and foliage and thicker stems
- ✔ Faster bud onset plus more bud sites and stacking
- ✔ Better bag appeal, flavor and potency



ProPowders™ vs LIQUID NUTRIENTS

- ✔ ProPowders™ can be mixed together as a "dry pre-mix", then stored until required. This simplifies dosing. It also reduces human error and recipe theft when performed by trusted staff.
- ✔ 5x more compact and 7x lighter
- ✔ Freighting by air is safe and affordable
- ✔ Produces minimal waste packaging



Dosing ProPowders™

Option 1: Add dry powders directly to the reservoir, either individually or as a dry pre-mix.

Option 2: Create stock solutions then dose like a liquid nutrient, either manually or via auto-dosers. These have long shelf stability.



100% Soluble

TYPICALLY WITHIN MINUTES

ProPowder™ stock solutions will dissolve in cold, 1mS water within 5 minutes. High solubility reduces blockages, clean-up and the need for warm RO water.



BASE NUTRIENT



Veg-1™

1-PART UNIVERSAL BASE NUTRIENT

1. ONE formula for Veg & Bloom 2. Fewer deficiencies, high pH buffering & extremely clean 3. Suitable for hydro, coco, & soil

CORE ADDITIVE



Root-XS™

BIO-ORGANIC ROOT ACCELERANT

1. Accelerates root development & reduces stall 2. Will NOT cause biofilms

CORE ADDITIVE



Flowering Enhancer

PK + CAL-MAG-IRON + PH STABILIZER

3-in-1 Flowering Additive: 1. Promotes bud swell 2. Prevents deficiencies 3. Assists to keep pH below 6.5

OTHER ADDITIVE



Growth-XS™

BIO-ORGANIC VEG ACCELERANT

1. Reduces veg phase duration by 25% 2. Enables an extra crop each year 3. Will NOT cause stretch or biofilms

CORE ADDITIVE



Resin-XS™

BIO-ORGANIC RESIN ENHANCER

1. Increases frosting, resin, density & mass 2. Replaces bloom boosters & 'finishers' 3. Will NOT cause biofilms

CORE ADDITIVE



OrganaBud™

BIO-ORGANIC ENHANCER FOR PLANT STRUCTURE & FRUIT QUALITY

1. Promotes branching, stacking & terps 2. Will NOT cause biofilms

OTHER ADDITIVE



Ca-Mg-Fe

CAL-MAG-IRON + CU-MN-ZN-MO-B-N

The ultimate Cal-Mag additive. Common deficiencies are caused by these 9 elements, never just Cal-Mag

OTHER ADDITIVE



System Maintenance

ORGANIC PREVENTATIVE FOR BIOFILMS

1. Prevents biofilms to ensure clean drippers & lines 2. Fully compatible with organics & beneficial bacteria

OTHER ADDITIVE



Pythoff PLUS

ELIMINATES TOXIC BUILDUP

1.Prevents root browning, pests & blockages 2.Treats nutrient solutions, flush water & stored water

OTHER ADDITIVE



Silica

MONOSILICIC ACID

1.Improves stress resistance 2.100% soluble & bioavailable 3.Highly concentrated & stable - over 10 year shelf-life

OTHER ADDITIVE



Clone Spray

BIO-ORGANIC FOLIAR SPRAY

1.Promotes rapid root development in cuttings 2.Prevents transplant stress & wilt

OTHER ADDITIVE



Cloner

CLONING GEL FOR CUTTINGS

1.Resists cross contamination 2.Indefinite shelf-life & resistant to drying-out

OUR GUARANTEE

Each batch of FloraMax is manufactured by our in-house chemists and undergoes rigorous quality testing before bottling, ensuring consistent performance and reliable yields from each crop.

Dose Chart ProPowders™

COMPATABILITY: Hydro / Coco / Soil / DWC / Outdoor / LED / HID



/US Gal
(1Gal = 3.78L)

	Pythoff PLUS	Veg-1™	Root-XS™	Flowering Enhancer	OrganaBud	Resin-XS™	Growth-XS™	Silica	System Maintenance	EC (mS/cm)	
CUTTINGS	1mL	2.5g	0.4g		0.4g				4mL	1.0	
VEGETATIVE	WEEK 1	2mL	4.2g	0.4g		0.4g		1mL	0.8mL	4mL	1.5
	WEEK 2	2mL	5g	0.4g		0.4g		2-4mL	0.8mL	4mL	1.8
	WEEK 3+	2mL	5.7g	0.4g		0.4g			0.8mL	4mL	2.0
FLOWERING	WEEK 1-3	2mL	5.7g	0.4g	1.5g	0.6g			0.8mL	4mL	2.3
	WEEK 4-5	2mL	5g		2.3-3.0g	0.6g	0.8g		0.8mL	4mL	2.6
	WEEK 6-8	2mL	5g		1.5g	0.4g	1.2-1.5g		0.8mL	4mL	2.3-2.5

EACH CORE PRODUCT CAN BE DOSED USING EITHER OF THESE METHODS:

- 1 Powder format - use gram (g) dose rate - use Dose Chart ProPowders™. CAUTION: Measure powder dose using weight scales - never use 'ml'.
- 2 Stock Concentrate made from the powder - use Dose Chart Liquids. Use 'ml' dose rate.
- 3 Liquid version of these products - use Dose Chart Liquids. Use 'ml' dose rate.

NOTE: Although a Stock Concentrate made from a ProPowder™ is equivalent to the FloraMax liquid version, never combine these in concentrated form.

Create your own personalised dosage charts HERE



VERSION 1 DEC 2025: THIS DOSE CHART SERVES AS A GUIDE ONLY. NO RESPONSIBILITY FOR ANY ERRORS OR OMISSIONS IS ACCEPTED.

Dose Chart Liquids

COMPATABILITY : Hydro / Coco / Soil / DWC / Outdoor / LED / HID



/US Gal
(1 Gal = 3.78L)

	Pythoff PLUS	Veg-1™	Root-XS™	Flowering Enhancer	OrganaBud	Resin-XS™	Growth-XS™	Silica	System Maintenance	EC (mS/cm)	
CUTTINGS	1mL	11mL	8mL		4mL				4mL	1.0	
VEGETATIVE	WEEK 1	2mL	19mL	8mL		8mL		1mL	0.8mL	4mL	1.5
	WEEK 2	2mL	23mL	8mL		8mL		2-4mL	0.8mL	4mL	1.8
	WEEK 3+	2mL	26mL	8mL		8mL			0.8mL	4mL	2.0
FLOWERING	WEEK 1-3	2mL	23mL	8mL	8mL	11mL			0.8mL	4mL	2.1
	WEEK 4-5	2mL	19mL		11-15mL	11mL	8mL		0.8mL	4mL	2.3-2.5
	WEEK 6-8	2mL	19mL		8mL	8mL	11-15mL		0.8mL	4mL	2.2-2.4

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What is the simplest way to use ProPowders™?

ProPowders™ are extremely easy to use especially when dosing dry to reservoir as a 'dry pre-mix'.

1

Equipment



Start with a suitable* set of scales, a measuring cup and an air-tight jar. Place the measuring cup on the scales then 'tare' (or zero) it off.

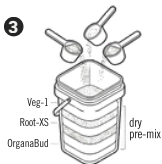
2



Calculate

Refer to the feed chart and determine the required weight of each product for the reservoir size. For example, Veg-1 week-1 for 100L reservoir requires 110g.

3



Measure

Carefully measure out the Veg-1 dose then dump this into the jar. Repeat this step with the remaining ProPowder™ additives until the jar contains a 'dry pre-mix' customized for the week and reservoir volume.

4



Mix

Tip this dry pre-mix into the reservoir and activate the mixing pump until fully dissolved. Add any other required additives then check and adjust pH. If the dry pre-mix is not being used immediately, ensure it is kept tightly sealed and labelled appropriately.

What type of scale do I need to use?

Measure powder dose rates using weight scales. Measuring by volume (ml or tsp) is inaccurate. For reservoirs ranging from 10L–1,000L, the optimum scales are 3kg with a resolution of +/- 0.1g ie. typically termed 3kg x 0.1g.

Is there a ProPowder™ Kit, or Starter Kit?

There are two ProPowder™ Kits. These are compact and light and can be air-freighted to most destinations within 1-2 weeks. Both kits are configured for 4-weeks of veg and 8-weeks of flower. They contain Veg-1 and the 4-core additives (Root-XS, OrganaBud, Flowering Enhancer and Resin-XS).

- 5-PLANT KIT : Produces 65L (17 Gal) of working nutrient per week e.g. Feeds 5 x 10L coco pots with 1.9L per day.
- 20-PLANT KIT : Produces 265L (70 Gal) of working nutrient per week e.g. Feeds 20 x 10L coco pots with 1.9L per day.

How much nutrient solution and liquid stock do the ProPowders™ make?

The weight of ProPowders™ bags are configured to create a specific volume of stock concentrate. For example, the Veg-1 215g bag makes 1L of liquid stock (stock concentrate), or 180L of nutrient solution (working nutrient).

ProPowders™ Size	Veg-1			Root-XS			Flowering Enhancer			OrganaBud			Resin-XS			Ca-Mg-Fe		
	S	M	L	S	M	L	S	M	L	S	M	L	S	M	L	S	M	L
ProPowders™ Weight	215g	1.07kg	4.3kg	50g	250g	1kg	200g	1kg	4kg	50g	250g	1kg	100g	500g	2kg	200g	1kg	4kg
Liquid Stock	1L	5L	20L	1L	5L	20L	1L	5L	20L	1L	5L	20L	1L	5L	20L	1L	5L	20L
Nutrient Solution (approx)	180L	900L	3.6kL	500L	2.5kL	10kL	500L	2.5kL	10kL	500L	2.5kL	10kL	310–380L	1.5–1.9kL	6.2–7.7kL	660L	3.3kL	13.3kL
Duration of Use	THROUGHOUT			FIRST 7 WEEKS			FLOWERING ONLY			THROUGHOUT			FINAL 5 WEEKS			IF REQUIRED		

GENERAL OPERATIONS & SETUP

General Instructions	Fill the reservoir with water first and then refer to the chart. Add Pythoff PLUS before other nutrients. Stir well after every addition. NEVER pre-mix liquid products or add extra PK additives, chlorine, or peroxide. Maintain a final pH between 5.0 and 6.3.
Dry Pre-Mix	FloraMax ProPowders™ can be combined as a dry pre-mix. For example, in 'Vegetative week-1', the dose for Veg-1, Root-XS and OrganaBud can be combined together prior to adding to the reservoir. This can be stored for later use but ensure the container is air-tight and stored away from direct sunlight, preferably below 25°C (77°F). <i>CAUTION: A dry pre-mix is not homogenous therefore allocate entire pre-mix to one nutrient batch.</i>
Auto-Flowering Plants	After week-2 of the Vegetative phase, switch straight to Flowering week-1 schedule.
Caring for Mother Plants	Follow Vegetative week-2 schedule and add 2-4mL/Gal Growth-XS at each feed.
Using Growth-XS	Never use in Flowering phase or the final week of the Vegetative phase. For a shorter Vegetative phase, apply in week-1 instead. Use at 2mL/Gal for sensitive plants.

ENVIRONMENTAL ADJUSTMENTS

Using Hard Water (0.5-1.0 mS)	Avoid running air stones or mixing pumps for more than 1 hour/day. Preferably set pH at 5.0 to 5.5.
Using Soft Water (Below 0.4 mS)	Ensure pH is above 5.0 - to raise pH use FloraMax SILICA at 0.4-1.2mL/Gal.
CO₂ Injection (Above 800 ppm)	Add extra Veg-1 (1.5g/Gal; 8mL/Gal).
Using High Light Intensity (PPFD above 1,200)	Add extra Veg-1 (1.5g/Gal; 8mL/Gal) and add 1:1 ratio of CO ₂ e.g. 1,400 PPFD requires 1,400ppm CO ₂ .

MAINTENANCE & TROUBLESHOOTING

Root Zone Care & Flushing	Flush with plain water every 7-14 days. Include 2mL/Gal Pythoff PLUS and ensure pH 5.0 - 6.0.
Preventing Reservoir Buildup	Use System Maintenance at 4-8mL/Gal. Avoid running air stones or mixing pumps for more than 1 hour/day. Set pH at 5.0 to 5.5. To prevent light ingress and mold, cover reservoir with a 'raised' lid.
Fixing Nutrient Deficiencies	Add FloraMax Ca-Mg-Fe (1.2-2.3g/Gal; 6-12mL/Gal). Feed more often and ensure 10-15% run-off (More feeds are usually required when using growth accelerants like Root-XS and Growth-XS).
Root Diseases/Pests	Add Pythoff PLUS to nutrient solution at 2mL/Gal. Pre-dilute 10-fold with water before adding. Re-dose every 1-2 days.
Maintaining Stored Water (eg. RO or Rainwater)	Treat weekly with 2mL/Gal Pythoff PLUS.
Preventing Foliage Burn	Feed until 10-15% run-off. Feed and flush more regularly.
Measuring EC (Electrical Conductivity)	Only recommended for commercial systems or with auto-dosers. See <i>FloraMax Growers Guide</i> .

Dose Chart **Grow Diary**

Start Date: _____ System Type: _____ Substrate: _____ Water Source: _____ Water EC: _____ Room Area: _____ No. of Plants: _____

	Example	VEGETATIVE WEEK				FLOWERING WEEK								
		1	2	3	4	1	2	3	4	5	6	7	8	
Pot Size	10L													
Light/Day	12hr													
pH	6.2													
EC	2.1mS													
Reservior Temp.	21°C													
Feed Vol/Plant	600mL													
Feed Freq/Day	3													
Run-Off	~10%													
Foliage	Good													
Roots	White													
Pests	X													
System Clean	Pythoff Plus													
Flush	✓													
ADVANCED	CO ₂	1100 ppm												
	PPFD	850												
	VPD	1.1												
OTHER														



	Pythoff PLUS	Veg-1™	Root-XS™	Flowering Enhancer	OrganaBud	Resin-XS™	Growth-XS™	Silica	System Maintenance	EC (gross)
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CUTTINGS										
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VEGETATIVE	WEEK 1									
	WEEK 2									
	WEEK 3									
	WEEK 4									

FLOWERING	WEEK 1									
	WEEK 2									
	WEEK 3									
	WEEK 4									
	WEEK 5									
	WEEK 6									
	WEEK 7									
	WEEK 8									