

FloraMaX

EN | IMPERIAL

Dosage Charts & Products



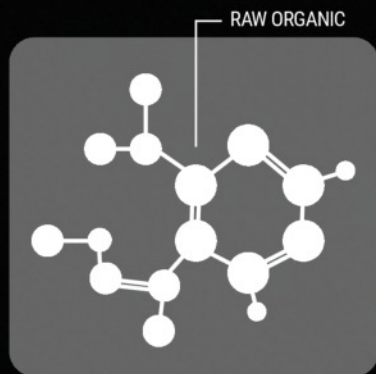
The Next-Generation of Powdered Nutrients

The first powdered nutrient with true organics.

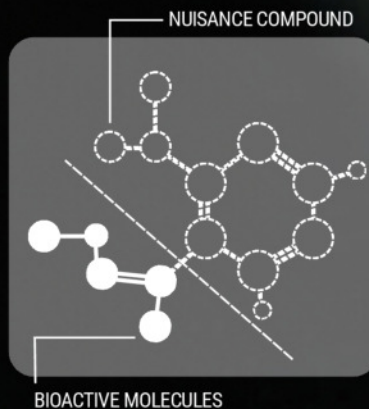
Commercial powdered nutrients have always been mineral-only. There's a reason for that. Raw organics clump, foam, destabilise and block drippers — they simply don't survive the format. Dry them into a powder and the problem multiplies.

So powder manufacturers leave organics out entirely, and growers are forced to accept a mineral-only feed. So we rebuilt them.

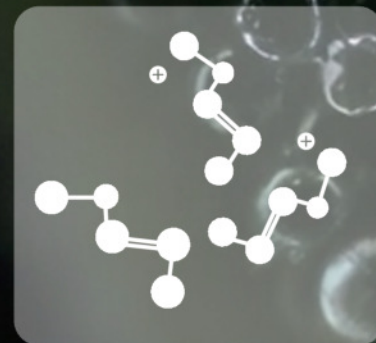
What's left is a stable, fully soluble, and nutrition dense formula. Which is why ProPowders™ are the first powdered nutrients to carry true organics.



- 1 **We identify the bioactive molecules** within a raw organic compound that are beneficial for plant nutrition



- 2 **We isolate and purify** these bioactive molecules, removing every 'nuisance compound'



- 3 **We adjust the concentration** of these purified molecules to the optimal level at which plants perform

WHAT EXTRACTED ORGANICS ACTUALLY DO

Minerals feed a plant. **Organics** change how it grows.



Structure and Stacking

Bioactive molecules alter the plant's physical architecture — more branching, more bud sites, tighter stacking.



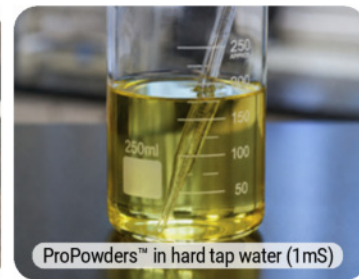
Resin and Flavour

Bioactives trigger secondary metabolite production — terpenes, flavonoids, cannabinoids and esters. This is where the aroma and flavour of the finished crop are decided.



Roots and Uptake

A stronger, larger root mass improves access to nutrients, enabling faster uptake and more vigorous growth. [@h2ohydroponics, USA](#)



Solubility

With the nuisance compounds removed, ProPowders™ dissolve fully in minutes — even in cold or hard water. Warm RO water is not required. High solubility also helps keep drippers clean and simplifies clean-up.

ProPowders™



Veg-1™

1-Part Universal Base Nutrient

1. ONE formula for Veg & Bloom
2. Crop specific formula - no cal-mag required
3. Extremely clean - ideal for drippers & auto-dosers
4. Suitable for hydro, coco, & soil

AVAILABLE IN LIQUID



Root-XS™

Organic Root Accelerant

1. Accelerates root development
2. Reduces transplant stress and stall
3. Enables faster crop rotation
4. Will not cause biofilms or blockages

AVAILABLE IN LIQUID



OrganaBud™

Organic Enhancer for Plant Structure & Fruit Quality

1. Promotes branching, bud sites & stacking
2. Increases potency, terps and pistil vibrancy
3. Will not cause biofilms or blockages

AVAILABLE IN LIQUID





Resin-XS™

Organic Resin Enhancer

1. Increases frosting, resin, density & mass
2. Replaces bloom boosters, PK's & 'finishers'
3. Aids PGR recovery - improves final quality
4. Will not cause biofilms or blockages

AVAILABLE IN LIQUID



Flowering Enhancer

PK + Cal-Mag-Iron + pH Stabilizer

3-in-1 Flowering Additive:

1. PK: Promotes bud swell & improves density
2. Cal-Mag-Iron: Prevents common deficiencies
3. pH Stabilizer: Helps keep pH below 6.5

AVAILABLE IN LIQUID



Ca-Mg-Fe

Cal-Mag-Iron & Cu-Mn-Zn-Mo-B-N

1. The ultimate Cal-Mag. Common deficiencies are caused by these 9 elements, never just cal-mag
2. Prevents leaf yellowing, curl, stunted growth, withered fruit-set and bud rot

AVAILABLE IN LIQUID



Other Additives



Growth-XS™

ORGANIC VEG ACCELERANT

1. Reduces veg phase duration by 25%
2. Enables an extra crop each year
3. Prevents transplant shock and stall
4. Stimulates extra cutting material on mother plants
5. Will not cause biofilms or blockages



Pythoff PLUS

ELIMINATES TOXIC BUILDUP

1. Prevents brown roots, pests & blockages
2. Treats nutrient solutions, flush water & stored water
3. Standardized and stabilized for reliable dosing - shelf-life 10+ years



System Maintenance

ORGANIC PREVENTATIVE FOR BIOFILMS*

1. Keeps drippers and lines clean
2. Compatible with organics & beneficial bacteria
3. Ideal for post-harvest system cleaning

**Alternatively, use FloraMax System Cleaner*



Silica

MONOSILICIC ACID

1. Improves rigidity of stems and leaves
2. Prevents leaf wilt during extreme heat
3. Increases shelf-life of flowers & fruit
4. 100% soluble & bioavailable
5. Extremely stable - shelf-life 10+ years



Clone Spray

ORGANIC FOLIAR SPRAY

1. Promotes rapid root development
2. Prevents transplant stress & wilt
3. Helps reduce overall cropping time
4. Contains specialized wetting agents



Cloner

CLONING GEL FOR CUTTINGS

1. Formulated for faster absorption
2. Helps prevent cross contamination
3. Resistant to congealing
4. Shelf-life 10+ years

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.



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

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/US Gal

(1 Gal = 3.78L)

1/US Gal (1Gal = 3.78L)		Pythoff PLUS	Veg-1™	Root-XS™	Flowering Enhancer	OrganaBud	Resin-XS™	Growth-XS™	Silica	System Cleaner*	EC (mS/cm)
CUTTINGS		1mL	2.5g	0.4g		0.4g				0.8mL	1.0
VEGETATIVE	WEEK 1	2mL	4.2g	0.4g		0.4g		1mL	0.8mL	0.8mL	1.5
	WEEK 2	2mL	5g	0.4g		0.4g		2–4mL	0.8mL	0.8mL	1.8
	WEEK 3+	2mL	5.7g	0.4g		0.4g			0.8mL	0.8mL	2.0
FLOWERING	WEEK 1–3	2mL	5.7g	0.4g	1.5g	0.6g			0.8mL	0.8mL	2.3
	WEEK 4–5	2mL	5g		2.3–3.0g	0.6g	0.8g		0.8mL	0.8mL	2.5–2.7
	WEEK 6–8	2mL	5g		1.5g	0.4g	1.2–1.5g		0.8mL	0.8mL	2.3–2.5

*Alternatively, use FloraMax System Maintenance at 4ml/Gal

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.

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.

Dosage Charts Liquids

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

	OPTIONAL	BASE	CORE ADDITIVES				OPTIONAL			
										EC (mS/cm)
/US Gal (1 Gal = 3.78L)	Pythoff PLUS	Veg-1™	Root-XS™	Flowering Enhancer	OrganaBud	Resin-XS™	Growth-XS™	Silica	System Cleaner*	

	CUTTINGS	1mL	11mL	8mL		4mL				0.8mL	1.0
VEGETATIVE	WEEK 1	2mL	19mL	8mL		8mL		1mL	0.8mL	0.8mL	1.5
	WEEK 2	2mL	23mL	8mL		8mL		2-4mL	0.8mL	0.8mL	1.8
	WEEK 3+	2mL	26mL	8mL		8mL			0.8mL	0.8mL	2.0
FLOWERING	WEEK 1-3	2mL	23mL	8mL	8mL	11mL			0.8mL	0.8mL	2.1
	WEEK 4-5	2mL	19mL		11-15mL	11mL	8mL		0.8mL	0.8mL	2.3-2.5
	WEEK 6-8	2mL	19mL		8mL	8mL	11-15mL		0.8mL	0.8mL	2.2-2.4

*Alternatively, use FloraMax System Maintenance at 4ml/Gal

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ProPowder™ Dosing Options

1 Add directly to reservoir

STEP 1 — Use *Dosage Charts ProPowders™* to calculate, then weigh out each powder

STEP 2 — Add the dry powder directly into the reservoir

- ✓ Dissolves within minutes
- ✓ Suitable for drippers
- ✓ Dissolves in cold or hard water



2 Create stock solutions

STEP 1 — Use the *ProPowder™ Usage Estimator* below to calculate, then weigh out each powder

STEP 2 — Mix each powder with sufficient water to create a liquid stock solution (eg. 1L of Veg-1 stock contains 215g of Veg-1 powder). Then dose according to *Dosage Charts Liquids*

- ✓ Stable for 6+ months

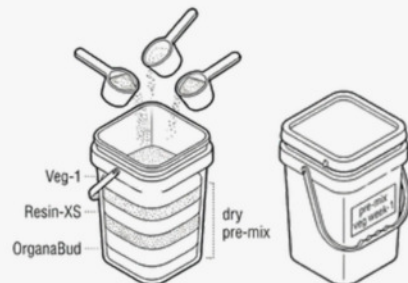


3 Create a dry pre-mix

STEP 1 — Use the *Dosage Charts ProPowders™* to calculate, then weigh out each powder required for one nutrient batch

STEP 2 — Combine each powder into an air-tight container away from direct sunlight, preferably below 25°C (77°F) and store until required

- ✓ Batch prep is centralized
- ✓ Reduces human dosing errors
- ✓ Avoids recipe theft



EXAMPLE: To create a dry pre-mix for 'Vegetative Week-1', combine the doses for Veg-1, Root-XS and OrganaBud

NOTE: Always weigh doses. 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.
CAUTION: Measuring by volume (ml or tsp) is inaccurate.

ProPowder™ Usage Estimator	Veg-1			Root-XS			Flowering Enhancer			OrganaBud			Resin-XS			Ca-Mg-Fe		
Duration of Use	THROUGHOUT			FIRST 7 WEEKS			FLOWERING ONLY			THROUGHOUT			FINAL 5 WEEKS			IF REQUIRED		
ProPowders™ Weight	215g	1.07kg	4.3kg	50g	250g	1kg	200g	1kg	4kg	50g	250g	1kg	100g	500g	2kg	200g	1kg	4kg
Makes Liquid Stock	1L	5L	20L	1L	5L	20L	1L	5L	20L	1L	5L	20L	1L	5L	20L	1L	5L	20L
Makes Nutrient Solution (Av.)	175L	880L	3.5kL	500L	2.5kL	10kL	445L	2.2kL	8.9kL	415L	2.1kL	8.3kL	345L	1.7kL	6.9kL	445L	2.2kL	8.8kL

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 and ensure reservoir is mixed thoroughly from top to bottom. Maintain final pH between 5.5 and 6.2. Set nutrient temperature to 21°C (70°F). NEVER pre-mix liquid products or add extra PK additives, chlorine, or peroxide.
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.
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

pH for Hard or Soft Water (Soft water: <0.4mS; 220ppm) (Hard water: >0.5mS; 275ppm)	Maintain pH 5.5 to 6.2. For very soft waters, raise pH above 5.5 using FloraMax SILICA at 0.4-1.2mL/Gal. Bore, well and town waters are often hard and contain high CO ₂ . Unless the water is well aerated before use, pH can rise after being adjusted causing cloudiness and buildup. Compensate by adjusting pH to 5.5 (or slightly lower) and/or avoid running mixing pumps or air stones continuously.
CO₂ Injection / High PPFD (Above 800 ppm / PPFD 1,200)	Add extra Veg-1 (1.5g/Gal; 8mL/Gal) and add 1:1 ratio of CO ₂ to avoid CO ₂ deficiencies 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 Cleaner at 0.8-1.5mL/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	Treat weekly with 2mL/Gal Pythoff PLUS. Avoid light ingress.
Preventing Foliage Burn	Feed until 10-15% run-off. Feed and flush more regularly.
EC (Electrical Conductivity)	Only recommended for commercial systems or with auto-dosers. See <i>FloraMax Growers Guide</i> .

The Next-Generation of
Powdered Nutrients

ProPowders™

- ✓ Made with organics
- ✓ Dissolves in 2-3 minutes
- ✓ Dissolves in cold & hard water
- ✓ Use with drippers & auto-dosers



LEARN MORE

