



Pro Core

SOLUBLE BASE FERTILIZER

CLONE	VEG	FLOWER
☑	☑	☑

- Large prill to ensure consistent batches.
- Provides strong baseline nutrition across all stages of plant growth.
- Calcium Nitrate PLUS microelement package.
- Not just Calcium Nitrate (like competitors).
- Microelements are evenly coated for a clean look and homogenous formula.
- Used as a 2-part with Bloom or Grow during all stages.

Pro Grow

SOLUBLE VEGETATIVE FERTILIZER

CLONE	VEG	FLOWER
	☑	

- Balanced NPK formula and microelements package.
- Contains additional Nitrogen for vegetative growth.
- Contains no urea or ammoniacal nitrogen.
- Used as a 2-part with Core during vegetative growth.

Pro Bloom

SOLUBLE FLOWERING FERTILIZER

CLONE	VEG	FLOWER
☑		☑

- A balanced fertilizer blend of Phosphorus, Potassium, and essential microelements.
- Phosphorus and Potassium (PK) included, no boosters needed.
- No Nitrogen (like competitors).
- Contains Potassium Sulfate instead of Potassium Nitrate (like competitors).
- Sulfates increase terpene and cannabinoid production (increased secondary metabolite production).
- 9% added Sulfate content.

Recommended Feed Program

FEED PROGRAM WITHOUT FADE		All measurements are mL per 10 L based on 226 grams per liter stock tank concentrate.												
MIXING ORDER ↓	CLONE	VEG				FLOWER								
	Pre-Soak & Feed	W1	W2	W3	W4	W1	W2	W3	W4	W5	W6	W7	W8	W9
Balance	*Use as pH up	Balance: Recommended for batch tank mixing and Dosatron. Do not use with Netaflex. Pro Balance: Recommended for advanced irrigation systems like Netaflex. *If using Blended Balance, do not use an additional potassium silicate product.												
Pro Balance														
Pro Grow		90	90	90	90									
Pro Bloom	57					90	90	90	90	90	90	90	42	42
Pro Core	34	54	54	54	54	54	54	54	54	54	54	54	25	25
Cleanse	3	5-13	5-13	5-13	5-13	5-13	5-13	5-13	5-13	5-13	5-13	5-13	5-13	5-13
EC	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	1.5	1.5
PPM 500	1000	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	750	750
PPM 700	1400	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	1050	1050
pH	5.6	5.8-6.2 (Coco/Rockwool)		6.0-6.4 (Peat based mediums)		5.8-6.2 (Coco/Rockwool)			6.0-6.4 (Peat based mediums)			6.0-6.4 (All)		

PRE-SOAK
Coco
• pH 5.5 - 5.8
• EC 3.5 - 4.0
Rockwool
• pH 5.0 - 5.5
• EC 2.5 - 3.0



Scan this QR Code for the full Athena Handbook.

Disclaimer: This is a baseline recommendation. Any adjustments made are at the growers discretion. Adjust the feed chart according to weeks needed to complete a run. Strain dependent.

FLUSH	
RO + Cleanse	26 mL
EC	<0.1
PPM 500	<50
PPM 700	<70
pH	6.0 - 6.4
Coco	Last 3 days
Rockwool	Last day



Athena® Pro Bags



Athena® Pro Boxes

www.bioleaftech.co.za



info@bioleaftech.co.za

11.3kg Pro Line Bags

STOCK CONCENTRATE PROCEDURE

STEP 1

STOCK CONCENTRATE PROCEDURE

CAUTION: A CONCENTRATE SHOULD NEVER BE FED DIRECTLY TO YOUR PLANTS. THE CONCENTRATE MIX IS MEANT FOR MAKING A BATCH RESERVOIR.

226 GRAMS/LITER CONCENTRATE MIX RATE. If using a different concentrate mix rate, see **Dosage Reference Guide**.

1A Fill container with water to about **80% of final volume**.

1B Empty entire contents of **Pro Line Bag**. (always use a full bag)

1C Mix thoroughly until all granules are dissolved. (approx 15-45 minutes)

1D Top off container to **final volume**. Mix one final time for 1-2 minutes to ensure stock tank uniformity before validating.

RECOMMENDED: Use **Concentrate Validation Procedure** to ensure proper EC has been achieved prior to feeding plants.

Athena® Pro Bags

STEP 2

BATCH RESERVOIR PROCEDURE

NOTE: USE YOUR STOCK CONCENTRATE TO MIX A RESERVOIR TO FEED DIRECTLY TO PLANTS.

This procedure is for hand mixing a batch reservoir. If you are using a dosing system, refer to our **Irrigation Systems document**.

2A Fill reservoir with water and add **Balance**. Follow our **Balance Procedure**.

2B Use this chart to determine the proper dosage of each Pro Line concentrate.

Dosage in mL/10 L 226 grams/Liter CONCENTRATE		
TARGET EC	PRO GROW / PRO BLOOM	PRO CORE
1.0	27 mL	16 mL
1.5	42 mL	25 mL
2.0	57 mL	34 mL
2.5	73 mL	44 mL
3.0	90 mL	54 mL
3.5	107 mL	64 mL
4.0	124 mL	75 mL

2C Measure each concentrate and add to reservoir separately. **CAUTION: COMBINING PRODUCTS IN CONCENTRATE FORM WILL GENERATE PRECIPITATION.**

For example: If you have a 200 liter reservoir and wish to feed 3.0 EC Pro Core and Pro Bloom here is what to do:

90 mL Pro Bloom x 20 (200 liter reservoir) = 1800 mL concentrate (90x20=1800 mL)

54 mL Pro Core x 20 (200 liter reservoir) = 1080 mL concentrate (54x20=1080 mL)

2D Mix thoroughly; check EC and pH.

If EC is off, troubleshoot.

If EC is on, let's feed.

4.5kg & 11.3kg Pro Line Boxes

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1A Fill container with water to about **80% of final volume**.

1B Empty entire contents of **Pro Line Pouch**. (always use a full pouch)

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Athena® Pro Boxes

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