

rootinn

Easy Grow Guide

SOP GOAL

Standardized, efficient indoor cultivation with minimal risk and maximum quality using the rootinn product range.

INNOVATION

JAM-Technology

Ultra-fine micronization & energetic activation for maximum bioavailability, improved leaf penetration, and optimized nutrient uptake.



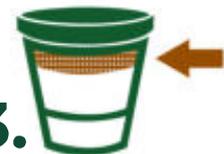
Substrate & Preparation

Soil: Pre-fertilized for approx. 2 weeks, e.g. Canna Terra Professional (without Plus). High quality, pest-free. Mixed with rootinn additives.

This is how you prepare your pre-mix in an 11L pot:

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1. Aqua Save
Mix with soil and incorporate into the lower root zone.
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2. CaMgS, CannaGreen
Mix with soil and incorporate into the upper layer.
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3. SeedTreatment, Boron, Mg12, Fe20
Lightly work into the upper layer.

i **Regarding point 3:**
SeedTreatment, Boron, Mg12, and Fe20 are carried into the deeper soil layers during watering. There, the active ingredients form a nutrient reservoir that serves as a long-term source of nutrients for the plants.

Thanks to this depot effect, boron, magnesium, and iron remain continuously available, promoting stable development and ensuring an even supply to the roots.

4. First watering until full saturation (slight runoff) PH: 6.0 - 6.2 Tap water

Pre-Mix Composition

Aqua Save	2g per liter of substrate	Mix into the soil and incorporate into the lower root zone
CaMgS	5g per liter of substrate	Mix into the soil and incorporate into the upper area
CannaGreen	3g per liter of substrate	Mix into the soil and incorporate into the upper area
SeedTreatment	2g per liter of substrate	Mix into the soil and incorporate into the topmost layer
Boron	1g per liter of substrate	Mix into the soil and incorporate into the topmost layer
Mg12	1g per liter of substrate	Mix into the soil and incorporate into the topmost layer
Fe20	0,5g per liter of substrate	Mix into the soil and incorporate into the topmost layer



***Tip: Mycorrhizae – Promotes strong root growth and optimal nutrient uptake (1 g/L soil)**



rootinn Foliar fertilization

During foliar feeding, dim the lights to the minimum and return to the appropriate light intensity once the leaves have dried.

Week 1-2



Allow seeds or cuttings to establish roots in a 3.5 L pot for 2 weeks. Then transplant into an 11 L rootinn pre-mix.

Phase	Product	Dosage	Frequency / Duration	Note
Vegetativ Week 2-3	SeedTreatment	1 g/L	1x per Week	From the 2nd leaf pair or after transplanting/cloning
Vegetativ Week 4	PowerFlour	2 g/L	1x per Week	From 10-14 days after the 2nd leaf pair
Vorblüte Week 5-6 <small>Umstellung 12/12</small>	Mg12 + Boron	1 g + 1 g/L	1x per Week	Start: 5-7 days before switching to 12/12
Pre-flowering Week 7-8	Mg12 + Boron	1 g + 2 g/L	1x per Week	From 10-14 days after switching to 12/12
Pre-flowering Week 9-10	PowerFlour	2 g/L	1x per Week	Introduction to Bulking / Flowering Mass Development
Pre-flowering Week 11-12	PowerFlour	2 g/L	1x per Week	Final application 20 days before harvest.
Final phase Week 13	-	-	-	Ripening & Hardening
Booster	CannaGreen	1 g/L	every 7-10 days	until the end of the second week of flowering
Note	Fe20 Use for acute iron deficiency or as an iron booster, dosage: 2-3 g/L			

Application for cuttings

e.g.: EasyPlugs → EasyPlug soaking
SeedTreatment:
1g /L
PH: 6.0 - 6.2



Application of wetting agent

Kali Sope: 5-10ml / L → rootinn Prepare/mix the spray solution.
Break Thru: 0,2ml / L
Follow the manufacturer's instructions!

pH Adjustment

e.g.: Terra Aquatica pH-
Use as directed by the manufacturer

e.g.: 2g / 10L lowers pH by 1 point





Irrigation Strategy (Tap Water)

Phase	Base water	rootinn Products	Dosage	Frequency
Germination	Tap Water pH 6.2 EC 0.8	SeedTreatment	1 g / L	1x per Week
Vegetativ	Tap Water pH 6.2 EC 0.8	SeedTreatment	2 g / L	1x per Week
Flowering	Tap Water pH 6.2 EC 0.8	Mg12 + Boron	2 g / L	1x per Week
Flowering (late)	Tap Water pH 6.5-6.8 EC 0.6	PowerFlour	1 g / L	1x per Week

- i** *Water once daily at the beginning of the day or 4–6 shots depending on the phase.
- *Late flowering: reduce pH, target pH value 6.5–6.8 (this lowers the EC value).

pH Powder – 2-in-1 Effect

pH Regulation: Stabilizes the pH level and improves the availability of micronutrients.

Nutrient Source: Supplies nitrogen (energy-efficient conversion from urea → ammonium) and phosphorus (for roots, flowering & energy).

Growth Benefits: Improved nutrient uptake, stronger roots, more compact plants.

Granules: Dry form, safe for transport, highly concentrated & economical.

Conclusion: pH reducer and nutrient booster in one – ideal for root development and energy supply during the vegetative and early flowering stages.



pH & EC Meter

This 3-in-1 device measures pH value, electrical conductivity (EC/PPM), and temperature to optimize nutrient uptake.

With seamless Bluetooth connectivity to Edenic on your mobile device, you can easily record, organize, and share your measurements.

- + Precise: pH/EC measurement, ±0.01 accuracy, temperature-compensated
- + Robust: IP68, waterproof, floats, durable probe
- + Smart: Bluetooth + app, save & share data



Tip: Calibrate your OnePen once a week.

Lighting Strategy

Phase	PPFD Target value
Vegetativ	150 - 350
Flowering	450 - 650
Blüte (late) 7–10 days before harvest	500 - 600



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HELPS
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rootinn



NATURAL | STRONG | SUSTAINABLE

rootinn®