



H2Pro™

GREENHOUSE AND NURSERY

PENETRATING, LONG-LASTING HYDRATION

A unique blend of surfactants with long residual activity for use in containers, pots, hanging baskets, flats, trays, modules and plugs.

H2Pro™ Greenhouse & Nursery surfactant optimizes soilless media water-holding capacity, decreases irrigation frequency, reduces or eliminates dry spots, and helps prevent wilting both in production and post-production.

Flexibility

H2Pro Greenhouse and Nursery comes in both liquid and granular formulations allowing the user to choose the one that best fits their operation.

H2Pro Greenhouse and Nursery is composed of short, medium and long chain surfactant molecules. As the medium and long chains break down, they reattach to the soil and continue working just like the short chain molecules.

It can be applied during soil blending, or any time during production, right up through shipping. At high rates, H2Pro Greenhouse and Nursery's rewetting ability can continue for as long as a year — long enough for the entire production cycle — and right through the retail environment for many crops.

Reasons to Use H2Pro Greenhouse and Nursery

- Optimize moisture penetration and distribution in the root zone of container crops.
- Available in both liquid and granular formulations.
- Flexible: effects are rate related which allows the user to match crop cycle length and wetting agent longevity.
 - Low rates for short-term wetting/rewetting or media that is easy to wet.
 - Medium rates for medium-term wetting/rewetting or media that is moderately difficult to wet.
 - High rates for long-term, season-long wetting/rewetting or media that is hard to wet or very hydrophobic.
- Retains performance even after many wet-dry cycles or if media is stored for months prior to use.
- Powerful tool to reduce losses due to dry down in the post-production, retail or home environments.
- Reduce or eliminate dry spots and perched water tables in the pot.
- Uniform moisture distribution creates better root environment and allows for more even distribution of solutions applied to the pot.

Using H2Pro™

Greenhouse and Nursery Products

Liquid Formulation

- Designed for use when mixing potting soil or any time during production.
- High efficiency liquid delivers the benefits of H2Pro Greenhouse and Nursery at the lowest cost in use.
- Can be applied alone or mixed in stock tank with other products — such as fertilizer — and applied through the irrigation system.
- Use through a mist system to keep cuttings hydrated.

ENSURE YOU GET THE RIGHT PRODUCT

Order ICL-Specialty Fertilizer
Stock Number **G95830**

GROWING MEDIA PREPARATION AND PRODUCTION

Production Cycles	Growing Media Conditions	Incorporation Rate ¹	Drench Concentration ² (ppm)
MAXIMUM LONGEVITY (UP TO 12 MONTHS)			
Long-term	Severely water-repellent	5.5 fl oz in 2 gal of water/yd ³ growing media	1,500 (16 fl oz/100 gal water)
MEDIUM LONGEVITY (UP TO 6 MONTHS)			
Medium-term	Moderately water-repellent	3.5 fl oz in 2 gal water/yd ³ growing media	1,000 (10.5 fl oz/100 gal water)
SHORT-TERM ACTIVITY (UP TO 6 WEEKS)			
Short-term	Slightly water-repellent	2 fl oz in 2 gal water/yd ³ growing media	500 (5.5 fl oz/100 gal water)

¹ Under dry conditions, increasing the water volume aids movement into media during incorporation.

² Drench thoroughly until solution comes out drain holes.

INJECTION RATES

Application	Concentration (ppm)	oz/100 gal	How to Use
With Irrigation	5	0.05	Daily feeding to use
Misting Cuttings	150	1.6	Spray freshly stuck cuttings with a very fine mist to the point of runoff
Interior Plantscapes	500 – 1,000	5.5 – 10.5	Drench containers, hanging baskets and planters
Prior to Shipment	500 – 1,000	5.5 – 10.5	Drench containers, hanging baskets and planters prior to shipment

Granular Formulation

- For customers who prefer the convenience of blending a granular formulation into potting soil if using liquid isn't possible.
- Apply to surface of containers during production, or prior to shipment.

ENSURE YOU GET THE RIGHT PRODUCT

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Stock Number **G95820**

GROWING MEDIA PREPARATION AND PRODUCTION

Maximum Longevity (Up to 12 months)	Incorporation Rate ³		Short to Medium Longevity (Up to 6 months)	Incorporation Rate ³	
	oz/yd ³	gm/yd ³		oz/yd ³	gm/yd ³
Severely water-repellent media; long-term production cycles	27	765	Moderately water-repellant media; short to medium-term production cycles	13.5	382

³ Topdress at a rate of 2 tsp per 1 gal container. Water until container is thoroughly wetted.

Note: There may be variations in longevity under variable growing conditions. It is advised to test a small number of plants before large scale application. Water moves the H2Pro Greenhouse and Nursery into the growing media. For best results, thoroughly wet the growing media at the time of application.

www.ICL-SF.com

ICL Specialty Fertilizers
Where needs take us