

HORTUS IBA WATER SOLUBLE SALTS® (20%)

Hortus IBA Water Soluble Salts® is used by professional growers to propagate new plants from cuttings. This rooting hormone uses 20% IBA Water Soluble Salts as its medium and contains no alcohol. Because of this, it is EPA registered for **spray drip down or over the top** safe application to plants in propagation. No need to dip each individual plant, resulting in huge time and labor savings. Also, it may be used on plants as a **quick dip, total immersion, and basal long soak** method. This product comes in three convenient sizes.

DESCRIPTION

EPA number 63310-22

Benefits

- Registered with the US EPA for use in greenhouses and nurseries.
- Water soluble IBA with no alcohol required to dissolve.
- Easy to use. Measure and mix. Economical to use.
- Can be used by basal dip, total immersion, or foliar spray drip down methods.

Plants Propagated

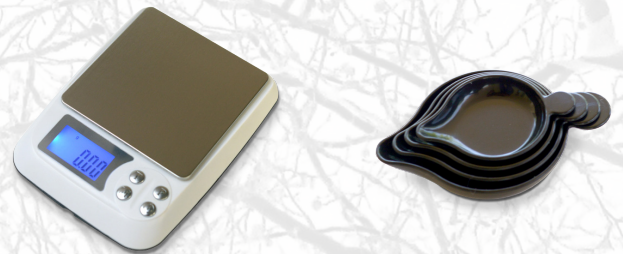
Hortus IBA can benefit plant propagators of all types:

- Herbaceous
- Woody ornamentals
- Tissue culture propagules
- Rootstocks



HORTUS IBA WATER SOLUBLE SALTS®

Item No.	Description	Size in oz
73-1903	IBA Water Soluble Salts 20%, 100 g	3.5 oz
73-1904	IBA Water Soluble Salts 20%, 250 g	8.8 oz
73-1905	IBA Water Soluble Salts 20%, 1,000 g	35 oz

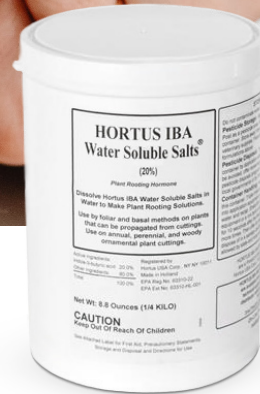


US BALANCE® SCALE AND SCOOPS

Item No.	Description	Overall Size
10-1000	AW US Balance Digital Table to Scale US Boss, 500 g x 0.01 g	4.5" x 6" x 1.3"
10-1001	AW US Scoop (4 pcs) Measuring Weighing Gem Cup Set	3.2" x 2.1" x 0.8"



INTRODUCTION TO HORTUS IBA WATER SOLUBLE SALTS® (20%)



Making Solutions

- When making solutions, growers are required to measure out product using a weigh scale.
- Growers make solutions by dissolving the salts in ordinary water.
- IBA remains in solution at high concentrations up to 100,000 ppm IBA (K-IBA), useful for making concentrates for tank mixing.

Methods of Use

Foliar Spray Drip Down Method

- Stick the cuttings.
- Spray solution onto cutting leaves until visual solution drips down stems in contact with rooting media.

Total Immerse Method

- Totally immerse plant cuttings in the solution for a few seconds.
- Stick the cuttings.

Basal Long Soak Method

- Immerse basal cutting ends in the solution for 12-48 hours.
- Stick the cuttings.

Basal Quick Dip Method

- Immerse basal cutting ends in the solution for a few seconds.
- Stick the cuttings.

Solution Utilization

Spray drip down method is the most labor saving propagation method.

- The IBA solution rates for foliar applications are much lower than basal quick dip applications.
- Some cuttings using basal dip at 1,000 ppm IBA, may only require 200 ppm IBA applied as a foliar spray method. For application rate calculations please visit hortus.com/calculatesalts.htm

Storage

- Dry Hortus IBA Water Soluble Salts in the original package have unlimited shelf life.
- Once in solution, Hortus IBA is stable for several weeks.
- Solutions that have had plants dipped into them should be discarded frequently.

WPS

Hortus IBA Water Soluble Salts products have WPS zero hour REI, with minimum PPE and caution labeling.