



Fact Sheet

Hortus IBA Water Soluble Salts®

Hortus IBA Water Soluble Salts make fresh IBA (K-IBA) rooting solutions for plant propagation from cuttings. This unique product is US EPA registered for use in greenhouses, nurseries, and technical programs.

MAKING ROOTING SOLUTIONS:

Hortus IBA Water Soluble Salts instantly mix and make rooting solutions using only WATER to dissolve; the solutions are free of alcohol and active solvents. No mix agitation is done. The powders stay in solution to over 100,000 ppm IBA (K-IBA), and powders NEVER drop out! High rates can be used to make stock solutions for decanting into production tanks. Solutions are close to pH neutral. No other products nor technical IBA and K-IBA can be made into such stable solutions.

K-IBA, the water soluble version of IBA (indole-butyric acid), is the active ingredient in Hortus IBA Water Soluble Salts rooting solutions.

STORAGE:

Dry Hortus IBA Water Soluble Salts in the original package have un-limited life. There is useful keeping life of solutions.

SOLUTION METHODS:

Use Hortus IBA Water Soluble Salts rooting solutions by all Basal & Foliar Solution Methods with ZERO HOUR REI and no required re-entry PPE. Hortus IBA Water Soluble Salts are used by any IBA or K-IBA solution method specified in technical literature or books and others. Methods: Total Immerse, Spray Drip Down®, Quick Dip, Basal Long Soak.

Ask your URC supplier, what Hortus IBA Water Soluble Salt rates they use in their own rooting stations.

DRY DIP METHOD:

For rooting plant cuttings that effectively use dry dip rooting hormones, Rhizopon AA products are best.

HORTUS USA CORP.

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Support: 314-770-0717 (Phytotronics)

World famous Hortus IBA Water Soluble Salts® are used to make IBA rooting solutions by the trademarked Spray Drip Down® Method; all rights are reserved. Products by other makers try to imitate, but are never successful. Products and methods from Hortus USA and Rhizopon have been used worldwide since 1939.

ROOTING SOLUTION METHODS



Basal Quick Dip Method

(Use only for a first rooting solution application)

- The basal ends of the cuttings are dipped about 3/4 inch into the rooting solution then stuck in media. Rates are established per plant variety.



Spray Drip Down® Method

(Use for first rooting solution application at time of sticking and multiple applications)

- The cuttings are stuck in media. A skilled worker sprays the rooting solutions onto the leaves until the rooting solution drips down. Spraying is done soon after sticking or when not under heat stress, such as early morning. An excess of solution is best rather than a starved liquid volume. Facility appropriate spray equipment is used such as backpack, hydraulic, booms, or robots



Total Immerse Method

(Use only for a first rooting solution application)

- The cuttings are totally immersed a few seconds in the rooting solution then stuck in media.