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About *Wood's* Rooting Compound...

Wood's Rooting Compound provides a safe, effective and inexpensive way for the commercial grower to take advantage of rooting stimulants for plant propagation.

This formulation consists of approximately 10,000 parts per million (PPM) of Indole-3butyric acid (*IBA*) and 5,000 PPM of Naphthalene Acetic acid (*NAA*). Because alcohol is used as the solvent for the active ingredients, *Wood's* Rooting Compound is self-sanitizing, so problems with cross contamination are eliminated.

There are several advantages to using concentrated liquid dips over the leading powders. One of the foremost is the flexibility to allow the propagator to easily select the exact concentration desired for each type of cutting (see *Wood's Dilution Matrix*). In current research the liquid concentrate was as good as or better than the powder at promoting root growth. Reasons for the difference between the two may be the uniformity of coverage, and the more rapid absorption of *IBA* that the liquid allows.

Wood's Rooting Compound is safe to use on ornamental trees, and fruit trees that have not yet produced fruit. The active ingredient, *IBA*, is considered a biochemical pesticide by 40 CFR 180 of the EPA. Inclusion in this category means that it has a nontoxic mode of action because it; a) is used in low volumes, b) is target specific (only used on the tip of the cutting), and c) duplicates a naturally occurring process in plants. *Wood's* Rooting Compound is currently registered with the Federal Environmental Protection Agency (reg. #43905-1) and has complied with all EPA regulations for the continued use of *IBA* in the product.

The shelf life, if stored in the original container, is up to two years. Limiting exposure to sunlight and intense heat will help prolong the shelf life. *Wood's* Rooting Compound has a tendency to darken over time without losing its effectiveness. Once diluted in water, it should be used within a 10-12 hour period. To avoid contamination of the product, never return the mixture to the concentrate, and never dip cuttings in the original bottle. *Wood's* Rooting Compound has been tested extensively for both rooting effectiveness and safety to humans, animals and our environment.

Currently, *Wood's* Rooting Compound is shipped to distributors, nurseries etc...via UPS. Shipping regulations permit the shipping of limited quantities under an exemption from the usual hazardous materials restrictions. *Wood's* Rooting Compound can be shipped directly to your facility with a consumer commodity label, ORM-D (Other Related Material) in packages of up to two gallons.

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