



**BioWorks®**  
How You Grow Matters™



## Soil Mix

### RootShield® Granules

1. Custom blend rates:  
1.25 – 1.5 pounds (lb.) per cubic yard (yd<sup>3</sup>) of mix, or a minimum of three, 40 lb. boxes per truckload of mix (100 yd<sup>3</sup>).
2. Effective in all mixes:  
Potting, germination, plug and general purpose. RootShield Granules is compatible with bark containing mixes.
3. Long shelf life in a premix:  
Viability when mixed at 1.5 lb. per yd<sup>3</sup>:

Temperature, F (C)		Time (weeks)
5	(-10)	12
40	(4)	20
77	(25)	20
100	(37)	8

### Coverage Recommendation for RootShield® WP

**Rate: 3 – 5 oz/100 gal.**

- |   |                              |
|---|------------------------------|
| 1. Plug trays, flats and pots less than 4-inches deep | 100 gal./800 ft <sup>2</sup> |
| 2. Beds and pots 4-inches deep or deeper              | 100 gal./400 ft <sup>2</sup> |
| 3. Azalea pots, 6 inches                              | 1600 pots/100 gal.           |
| 4. Pots (approximately 6-inches)                      | 1 cup/pot                    |

**Enclosed scoop = 1.5 oz.**

**Three (3) scoops = 4.5 oz.**

**Constant agitation is recommended for injector applications.**