



Altus[®] Drench Recommendations for Containerized Ornamentals

Technical sheet

Soil media applications such as drenching can be made to containerized plants for the control of labeled ornamental pests. For best results, apply when the soil media is moist, but not saturated or dry. Roots must be present for plant uptake. The application should be timed only preventatively (before pests are present). If pests are already present, a foliar application is recommended. Avoid leaching treated containers for up to 10 days after application as product performance may be reduced. Heavy rainfall or excessive irrigation after application could reduce insect control. Depending on plant size and environmental conditions, it can take up to 10 days for efficacy. Insect control from a drench application can last up to 8 weeks.

For drench applications, prepare a dilute drench solution by mixing Altus at the rate of 3.7 fluid ounces per 100 gallons of water*. Apply drench solution to ornamentals, vegetables and other labeled plants according to the label. Drench volume should be sufficient to thoroughly wet soil media without overflowing or leaching from the container. Following a drench application, irrigate carefully during the next 10 days to limit excess drainage and avoid loss of active ingredient from the container.

Drench Volume

The amount of drench solution is targeted at 10% of the container volume. This amount can be calculated for any container. Several examples of common container sizes are provided below.

Media Drench Volume for Individual Pots

Agency Product	Unit / Size
4 in. pot (1 pint)	1.6
5 in. pot (1.75 pint)	2.8
6 in. pot (1.25 quart)	4.0
7 in. pot (2.2 quart)	7.0
8 in. pot (3.25 quart)	10.4
10 in. Hanging Basket (1.27 gallon)	16.3
12 in. Hanging Basket (2.39 gallon)	31.1
Nursery Trade Gallon (0.73 gallon)	9.3
Nursery 3 Gallon (2.92 gallon)	37.4

For larger containers and other containerized ornamental plants, such as raised beds, benches, bedding flats, plug and liner trays, apply 12.8 fluid ounces of drench solution per gallon of potting media and avoid overflow or runoff through drain holes.

*Do not apply more than 28 fluid ounces or make more than one drench application of Altus per acre per crop production cycle for greenhouses and container grown ornamentals in nurseries.