

Arborjet Technical Bulletin: Shortstop® Ready to Use Rate Chart

To make a ready to use batch of Shortstop, always mix 1-part Shortstop to 11-parts water.

*If tree is larger than 20", multiply the DBH by the corresponding mL/inch rate category to determine dosage (Ex: 25" Elm *100mL=2500mL RTU)

Tree DBH	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Species/Rate Category																	
50 mL/inch Redbud, Sweet Gum (Eastern)	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
75 mL/inch Australian Pine, Cypress, Japanese Maple, Sweet Gum (Southern, Western)	300	375	450	525	600	675	750	825	900	975	1050	1125	1200	1275	1350	1425	1500
87.5 mL/inch Linden, Maple (sm) - (Crimson King-Norway/Red/Sugar), Serviceberry	350	438	525	613	700	788	875	963	1050	1138	1225	1313	1400	1488	1575	1663	1750
100 mL/inch Basswood, Box-elder, Elm, Katsura, Live Oak (sm), Maple (lg) - (Crimson King-Norway/Red/Sugar), Mountain Ash, Zelcova	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
125 mL/inch Australian Bottle, Blue Beech, Black Gum (Tupelo), California Pepper, Ironwood, Horse Chestnut, Live Oak (lg), Oleander, Persimmon, Rosewood, Silver Maple (sm)	500	625	750	875	1000	1125	1250	1375	1500	1625	1750	1875	2000	2125	2250	2375	2500
137.5 mL/inch Alianthus (Tree of Heaven), Buckeye, Crape-Myrtle, Silver Maple (lg)	550	688	825	963	1100	1238	1375	1513	1650	1788	1925	2063	2200	2338	2475	2613	2750
150 mL/inch African Sumac, Anaqua, Bay Laurel, Beech, Camphor, Catalpa, Chinaberry, Hickory, Holly, Oak (all species except Laurel, Live, Valley, & Water), Kentucky Coffee, Lilac Tree, Locust, Mimosa, Palo Verde, Paulownia, Pecan, Saltcedar, Sassafras, Soapberry	600	750	900	1050	1200	1350	1500	1650	1800	1950	2100	2250	2400	2550	2700	2850	3000

175 mL/inch Birch, Cedar (all species except red), Ginkgo, Huisache, Oak - (Laurel/Valley/Water), Olive - (Autumn/Black/Russian), Pear, Golden Raintree	700	875	1050	1225	1400	1575	1750	1925	2100	2275	2450	2625	2800	2975	3150	3325	3500
200 mL/inch Alder, Ash (1"-9.9"), Aspen, Banyan, Blue Spruce (1"-3.9"), Cottonwood (1"-7.9"), Cherry, Ebony (Texas), Eucalyptus, Flowering Crab, Hackberry, Hawthorne, Hemlock (1"-3.9"), Jacaranda, Juniper (tree-form), Poplar, Magnolia, Melaleuca, Mulberry, Osage Orange, Palms (most species), Pines, Plum (Ornamental, Red Cedar, Redwood, Spruce (except Blue), Sugarberry, Sycamore (1"-9.9"), Tabebuia, Tallow (Chinese), Tallowwood, Tamarisk, Tulip/Yellow Poplar, Walnut (1"-9.9"), Willow (1"-7.9")	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000
Tree DBH	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

**For multi-stemmed trees: measure the DBH of each stem and add together, then measure the diameter at the narrowest point above the root flare, add these two numbers together and divide the total by 2. Use this number as the average DBH.

***Small Crown Rates (sm) should be used when a tree crown has been reduced by 25-40%

Batch Sizes for Shortstop RTU	Mixing Concentrate into Water
1 1/2 gallon	1 pint into 11 pints water = 5677 mL
3 gallon	1 quart into 11 quarts water = 11,355 mL
6 gallon	1/2 gallon into 5 1/2 gallons water = 22,710 mL
12 gallon	1 gallon into 11 gallons water = 45,420 mL

IMPORTANT: Read the entire Shortstop® label before use. Failure to follow label directions may result in poor control or plant injury. Failure to follow label directions may cause injury to people, animals and environment. The buyer accepts and understands that failure to follow label directions is the responsibility of the buyer. Not for use in New York.