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Tree Caliper/Height/Ball Size/Weight

The following lists *typical* caliper, height, ball size, and weight estimates of balled and burlapped (B&B), medium- to fast-growing shade trees, such as honeylocust, red maple, tulip poplar, elm, and pin oak:

(Caliper is read at 6 inches above ground level on trees of 4-inch caliper or less. On larger trees, caliper is read at 12 inches.)

Caliper	Height	Ball Size	Weight
1"	8-10'	20"W x 12"H	200 lbs.
1.5"	10-12'	24"W x 14"H	300 lbs.
1.75"	10-12'	24"W x 14"H	300 lbs.
2"	12-14'	28"W x 16"H	550 lbs.
2.5"	12-14'	32"W x 20"H	700 lbs.
3"	14-16'	36"W x 24"H	1,000 lbs.
3.5"	14-16'	44"W x 26"H	2,000 lbs.
4"	16-18'	48"W x 26"H	2,500 lbs.
4.5"	16-18'	60"W x 34"H	3,000 lbs.
5"	18-20'	60"W x 34"H	3,000 lbs.

The following lists *typical* caliper, height, ball size, and weight estimates of balled and burlapped (B&B), slow-growing shade and ornamental trees, such as horsechestnut, yellowwood, beech, sweetgum, black gum, white oak, linden, and Japanese tree lilac:

Caliper	Height	Ball Size	Weight
1"	6-7'	20"W x 12"H	200 lbs.
1.5"	7-9'	24"W x 14"H	300 lbs.
1.75"	7-9'	24"W x 14"H	300 lbs.
2"	9-10'	28"W x 16"H	550 lbs.
2.5"	9-10'	32"W x 20"H	700 lbs.
3"	10-12'	36"W x 24"H	1,000 lbs.
3.5"	10-12'	44"W x 26"H	2,000 lbs.
4"	12-13'	48"W x 26"H	2,500 lbs.
4.5"	12-13'	60"W x 34"H	3,000 lbs.
5"	13-15'	60"W x 34"H	3,000 lbs.

The following lists *typical* height, ball size, and weight estimates of balled and burlapped (B&B), multi-stem trees and shrubs, such as serviceberry, fringetree, kousa dogwood, river birch, and sweetbay magnolia, as well as upright evergreens, such as Norway spruce, blue spruce, white pine, hemlock, American holly, pyramidal arborvitae, and upright junipers:

Height	Ball Size	Weight
4-5'	24"W x 14"H	300 lbs.
5-6'	28"W x 16"H	300-550 lbs.
6-7'	28"W x 16"H	550-700 lbs.
7-8'	32"W x 20"H	700 lbs.
8-10'	36"W x 24"H	1,000 lbs.
10-12'	48"W x 26"H	2,500 lbs.
12-14'	60"W x 34"H	3,000 lbs.

The following lists *typical* spread, ball size, and weight estimates of balled and burlapped (B&B), spreading, globe, and dwarf evergreens, such as blue holly, China holly, boxwood, yew, and globe blue spruce:

Spread	Ball Size	Weight
12-15"	10"W x 8"H	30 lbs.
15-18"	12"W x 8"H	45 lbs.
18-24"	14"W x 10"H	70 lbs.
24-30"	18"W x 10"H	150 lbs.
30-36"	20"W x 12"H	200 lbs.
36-42"	24"W x 14"H	300 lbs.
42-48"	24"W x 14"H	300 lbs.
48-60"	28"W x 16"H	550 lbs.