

APPLICATION
CALCULATOR

Carbon Gold Enriched Biochar

BIOCHAR
TREE SOIL IMPROVER

PER-TREE-SIZE APPLICATION RATES

Approximate Biochar Tree Soil Improver volume per individual tree, by container size, whip height or tree girth.
Rates converted from g/kg at ~0.3 g/ml working density. For project-scale planning, see the materials calculator at www.carbongold.com.

Containers	
Size	Volume
1 L	~165 ml
5 L	~770 ml
10 L	~1.5 L
20 L	~3.0 L
50 L	~7.7 L
100 L	~15 L
160 L	~24 L
300 L	~45 L
500 L	~75 L

Bare root / root-balled / airpot tree girth	
Size	Volume
6 · 8 cm	~2.7 L
8 · 10 cm	~4.3 L
10 · 12 cm	~5.3 L
12 · 14 cm	~8.3 L
14 · 16 cm	~11 L
16 · 18 cm	~16 L
18 · 20 cm	~22 L
20 · 25 cm	~28 L
25 · 30 cm	~38 L
30 · 70 cm	~55 L
70 · 100 cm	~88 L

Bare root whip height	
Size	Volume
< 30 cm	~570 ml
30 · 60 cm	~830 ml
60 · 90 cm	~1.1 L
90 · 120 cm	~1.6 L
120 · 150 cm	~2.2 L
150 · 180 cm	~2.7 L

Bare root tree girth	
Size	Volume
6 · 8 cm Light Std	~2.7 L
8 · 10 cm Standard	~3.3 L
10 · 12 cm Select Std	~5.3 L
12 · 14 cm Heavy Std	~6.3 L
14 · 16 cm Extra Heavy	~11 L
16 · 18 cm Adv Heavy	~16 L
18 · 20 cm+ Semi Mature	~22 L+

Mixing with topsoil

Approx. 150 L per m³ of topsoil (10% by soil volume). Blend thoroughly before use.

CERTIFICATIONS



COMPLIANCE

Product testing

All Carbon Gold enriched biochar products undergo rigorous testing for compliance with industry standards. The product is intended for use as a soil and substrate improver, in accordance with the application rates above. Carbon Gold Limited disclaims liability for loss or damage from use outside the stated application rates.

Safety data

Material Safety Data Sheet available at www.carbongold.com or on request.