

Sample Plant Budgets

The following sample budgets show a few scenarios for possible expenses when purchasing hedgerow plants. **Scenario 1** presents our Riparian Block Template planting plan. Example "A" shows costs when procuring primarily containerized plant stock, while Example "B" maximizes the use of bare-root plants. **Scenario 2** focuses on our Habitat Block Template, with Example "A" relying on containerized plants, including large-size stock for a few species. Example "B" uses more bare-root plants and smaller-size stock.

For both scenarios, note the comparison between the two approaches, which clearly identifies where the greatest savings occur. The final table for both scenarios shows the costs when multiplying the costs of each 20 ft. x 15 ft. block template sufficiently to plant 100 ft. and 200 ft. of hedgerow length.

For more context and an exploration of plant stock types and the pros and cons of different options—including various sizes—please check out our two-part video lesson, "Selecting the Right Plant Types & Sizes for Your Budget."

Notes on Cost

- Prices shown are average to slightly higher for wholesale plants in 2022.
- Depending on location, some nursery costs will be higher or lower.
- Costs generally rounded up to account for tax & shipping
- Bare-root stock, plugs, and live stakes costs can be less if purchasing in bulk quantities.
- Costs can be reduced by **reducing density** (and thus numbers overall), and by relying more on plants that spread by rhizomes and waiting for them to spread.
- **Cost-share funds via USDA NRCS/conservation districts can cover many costs.**

Scenario 1: Riparian Template - 20' x 15' Block

Example A: 1-gal Containers & Live Stakes

Riparian Trees:	#	Stock type	Stock size	Cost each*	Extended cost
Sitka Spruce	2	Container	1 gal	\$5.00	\$10.00
Oregon Ash	2	Container	1 gal	\$6.00	\$12.00
Riparian Tall Shrubs:					
Sitka Willow	6	Live Stakes	1.5" x 4 ft. lengths	\$1.75	\$10.50
Pacific Wax Myrtle	1	Container	1 gal	\$7.00	\$7.00
Tall Oregon-grape	5	Container	1 gal	\$6.00	\$30.00
Serviceberry	6	Container	1 gal	\$6.00	\$36.00
Riparian Medium/low:					
Swamp Rose	10	Container	1 gal	\$6.00	\$60.00
Douglas Spirea	10	Container	1 gal	\$6.00	\$60.00
Common Snowberry	20	Live Stakes	1/4" x 3 ft. lengths	\$1.00	\$20.00

\$245.50/block or \$0.81/square foot

Scenario 1: Riparian Template - 20' x 15' Block

Example B: Mostly Bare-root Stock & Live Stakes

Riparian Trees:	#	Stock type	Stock size	Cost each*	Extended cost
Sitka Spruce	2	Bare-root	12"	\$1.00	\$2.00
Oregon Ash	2	Bare-root	18-36"	\$2.00	\$4.00
Riparian Tall Shrubs:					
Sitka Willow	6	Live Stakes	1.5" x 4 ft. lengths	\$1.75	\$10.50
Pacific Wax Myrtle	1	Container	1 gal	\$7.00	\$7.00
Tall Oregon-grape	5	Container	1 gal	\$6.00	\$30.00
Serviceberry	6	Bare-root	18-36"	\$2.00	\$12.00
Riparian Medium/low:					
Swamp Rose	10	Bare-root	18-36"	\$2.00	\$20.00
Douglas Spirea	10	Bare-root	18-36"	\$2.00	\$20.00
Common Snowberry	20	Live Stakes	1/4" x 3 ft lengths	\$1.00	\$20.00

\$125.50/block or \$0.41/square foot

Scenario 1: Riparian Template: Savings between Example "A" & Example "B"

Riparian Trees:	#	Stock size/type	Extended cost	Stock size/type	Extended cost	Savings
Sitka Spruce	2	1-gal Container	\$10.00	Bare-root	\$2.00	\$8.00
Oregon Ash	2	1-gal Container	\$12.00	Bare-root	\$4.00	\$8.00
Riparian Tall Shrubs:						
Sitka Willow	6	Live Stakes	\$10.50	Live Stakes	\$10.50	\$0.00
Pacific Wax Myrtle	1	1-gal Container	\$7.00	1-gal Container	\$7.00	\$0.00
Tall Oregon-grape	5	1-gal Container	\$30.00	1-gal Container	\$30.00	\$0.00
Serviceberry	6	1-gal Container	\$36.00	Bare-root	\$12.00	\$24.00
Riparian Medium/low:						
Swamp Rose	10	1-gal Container	\$60.00	Bare-root	\$20.00	\$40.00
Douglas Spirea	10	1-gal Container	\$60.00	Bare-root	\$20.00	\$40.00
Common Snowberry	20	Live Stakes	\$20.00	Live Stakes	\$20.00	\$0.00

Scenario 1: Riparian Template - 20' x 15' Block

Budget Example "A" Containers & Live Stakes	Budget Example "B" Bare-root, Containers, & Live Stakes
\$245.50/20 ft. x 15 ft. Block	\$125.50/ 20 ft. x 15 ft. Block
(\$0.81/sq. ft)	(\$0.41/sq. ft)
100 ft. Hedgerow = \$1,227.50	100 ft. Hedgerow = \$627.50
200 ft. Hedgerow = \$2,455	200 ft. Hedgerow = \$1,255

Scenario 2: Habitat Template - 20' x 15' Block

Example A: Mostly Containers & Some Live Stakes Large Containers for Evergreen "Backbone" Plants

Habitat Trees:	#	Stock type	Stock size	Cost each*	Extended cost
Bitter Cherry	1	Container	1 gal	\$6.00	\$6.00
Shore Pine	1	Container	5 gal	\$25.00	\$25.00
Eastern or Western Redbud	1	Container	1 gal	\$10.00	\$10.00
Douglas Maple	1	Container	1 gal	\$6.00	\$6.00
Habitat Tall Shrubs:					
Dwarf Strawberry Tree	4	Container	5 gal	\$22.00	\$88.00
Red-flowering Currant	6	Container	1 gal	\$7.50	\$45.00
Osoberry	2	Container	1 gal	\$6.00	\$12.00
Tinus Viburnum	2	Container	5 gal	\$22.00	\$44.00
Habitat Medium/low:					
Nootka Rose	11	Container	1 gal	\$6.00	\$66.00
Thimbleberry	4	Container	1 gal	\$6.00	\$24.00
Common Snowberry	32	Live Stakes	1/4" x 3 ft lengths	\$1.00	\$32.00

\$358/Block or \$1.19/sq. foot

Scenario 2: Habitat Template - 20' x 15' Block

Example B: Mostly Bareroot & Some Live Stakes Small Containers for Broad-leaved Evergreen "Backbone" Plants

Habitat Trees:	#	Stock type	Stock size	Cost each*	Extended cost
Bitter Cherry	1	Bare-root	18-36"	\$2.00	\$2.00
Shore Pine	1	Bare-root	18-36"	\$2.00	\$2.00
Eastern or Western Redbud	1	Bare-root	18-36"	\$2.00	\$2.00
Douglas Maple	1	Bare-root	18-36"	\$2.00	\$2.00
Habitat Tall Shrubs:					
Dwarf Strawberry Tree	4	Container	1 gal	\$10.00	\$40.00
Red-flowering Currant	6	Bare-root	18-36"	\$2.00	\$12.00
Osoberry	2	Bare-root	18-36"	\$2.00	\$4.00
Tinus Viburnum	2	Container	1 gal	\$10.00	\$20.00
Habitat Medium/low:					
Nootka Rose	11	Bare-root	18-36"	\$2.00	\$22.00
Thimbleberry	4	Bare-root	18-36"	\$2.00	\$8.00
Common Snowberry	32	Live Stakes	1/4" x 3 ft lengths	\$1.00	\$32.00

\$146/Block or \$0.49/ sq. ft.

Scenario 2: Habitat Template: Savings between Example "A" & Example "B"

Habitat Trees:	#	Stock size/type	Extended cost	Stock size/type	Extended cost	Savings
Bitter Cherry	1	1-gal container	\$6.00	Bare-root	\$2.00	\$4.00
Shore Pine	1	5-gal container	\$25.00	Bare-root	\$2.00	\$23.00
Eastern or Western Redbud	1	1-gal container	\$10.00	Bare-root	\$2.00	\$8.00
Douglas Maple	1	1-gal container	\$6.00	Bare-root	\$2.00	\$4.00
Habitat Tall Shrubs:						
Dwarf Strawberry Tree	4	5-gal container	\$88.00	1-gal container	\$40.00	\$48.00
Red-flowering Currant	6	1-gal container	\$45.00	Bare-root	\$12.00	\$33.00
Osoberry	2	1-gal container	\$12.00	Bare-root	\$4.00	\$8.00
Tinus Viburnum	2	5-gal container	\$44.00	1-gal container	\$20.00	\$24.00
Habitat Medium/low:						
Nootka Rose	11	1-gal container	\$66.00	Bare-root	\$22.00	\$44.00
Thimbleberry	4	1-gal container	\$24.00	Bare-root	\$8.00	\$16.00
Common Snowberry	32	Live Stakes	\$32.00	Live Stakes	\$32.00	\$0.00

Scenario 2: Habitat Template - 20' x 15' Block

Budget Example "A" Large & Small Containers	Budget Example "B" Mostly Bare-root & Small Containers
\$358 / 20 ft. x 15 ft. Block	\$146 / 20 ft. x 15 ft. Block
(\$1.19/sq. ft)	(\$0.49/sq. ft)
100 ft. Hedgerow = \$1,790	100 ft. Hedgerow = \$730
200 ft. Hedgerow = \$3,580	200 ft. Hedgerow = \$1,460