

FRAZIER NURSERY



2024
WINDBREAK CATALOG

Vinton, IA
319-472-2649
www.FrazierNursery.com

About Us

For more than 25 years, Frazier Nursery has been growing quality trees and shrubs for Iowa's farmers and livestock producers.

Specializing in windbreaks and visual screens for the ag industry, Frazier Nursery has become a leader in designing, supplying and installing windbreak trees, as well as shade and ornamental trees, across the state of Iowa.

Started by husband and wife, John and Carolyn Frazier on their Benton County farmstead, the nursery has evolved over the years. Their hobby of growing vegetables, alongside their row-crop farm and raising feeder pigs, slowly transitioned into planting trees for CRP projects. This eventually led to transplanting trees with tree spades and into what it is today, offering a full line of container grown trees and shrubs, as well as a wide selection of larger field-grown trees.

Now joined by their son, Alex, Frazier Nursery is continually learning and looking into the future, providing customers with high quality trees and shrubs.



Proudly involved with:



Windbreak Trees

Austree, Hybrid Willow

Salix matsudana x alba

Our fastest grower, up to 10 ft/year. Great deciduous windbreak tree. Holds leaves well into fall. Two rows best. Spacing, 8 x 10 ft.

| | | | |
|-----------|--------|---------|----------------|
| Cutting | 12 in | \$2.00 | \$20 / 100 ft |
| Container | 4-8 ft | \$12.00 | \$120 / 100 ft |

Arborvitae, Dark Green

Thuja occidentalis 'Nigra'

15-25 ft tall, 10-15 ft wide

A great plant for visual screens with nice color year-round. Used as a windbreak tree or as a standalone accent plant. Will tolerate cold climates. Spacing, 7-15 ft.

| | | | |
|-----------|----------|---------|----------------|
| Container | 12-18 in | \$20.00 | \$200 / 100 ft |
| Container | 18-24 in | \$24.00 | \$240 / 100 ft |
| Container | 36-42 in | \$59.00 | \$590 / 240 ft |

Arborvitae, Green Giant

Thuja standishii x plicata

50 ft tall, 20 ft wide

Very fast growing, large tree at maturity. Said to be deer resistant. Can brown in color following harsh winters. Holds a wide base, pyramidal shape naturally. Spacing, 10-15 ft.

| | | | |
|-----------|----------|---------|----------------|
| Container | 18-24 in | \$24.00 | \$240 / 240 ft |
| Container | 36-42 in | \$59.00 | \$590 / 590 ft |



Arborvitae, Techny

Thuja occidentalis 'Techny'

15-25 ft tall, 10-15 ft wide

Our favorite outside row, windbreak evergreen. Very popular in windbreaks and visual screens because of its cold hardiness and dense, dark foliage. Wide, oval shape with moderate growth rate. Spacing, 7-12 ft.

| | | | |
|-----------|----------|----------|-----------------|
| Container | 12-18 in | \$20.00 | \$200 / 100 ft |
| Container | 18-24 in | \$24.00 | \$240 / 100 ft |
| Container | 24-36 in | \$38.00 | \$380 / 100 ft |
| Container | 36-42 in | \$59.00 | \$590 / 100 ft |
| B&B | 4 ft | \$149.00 | \$1490 / 100 ft |
| B&B | 5 ft | \$209.00 | \$2090 / 100 ft |
| B&B | 6 ft | \$299.00 | \$2990 / 100 ft |
| B&B | 8ft | \$399.00 | \$3990 / 100 ft |

Cedar, Eastern Red (Juniper)

Juniperus virginiana

20-40 ft tall, 10-20 ft wide

A very tough, native tree, considered to be deer resistant. Grows well in sandy soils, can be drought resistant and salt tolerant. This upright Juniper is not a common specimen tree but a parent to many known varieties. Spacing, 15 ft.

| | | | |
|-----------|----------|---------|----------------|
| Container | 18-24 in | \$24.00 | \$160 / 100 ft |
| Container | 24-36 in | \$38.00 | \$253 / 100 ft |

Fir, Concolor (White)

Abies concolor

40-60 ft tall, 15-25 ft wide

Attractive blue-green color with soft, flat, inch-long needles. Can be a slower grower but drought tolerant. Suggested as an inside row windbreak tree or as a single specimen in the landscape. Spacing, 20 ft.

| | | | |
|-----------|----------|----------|----------------|
| Container | 12-18 in | \$120.00 | \$100 / 100 ft |
| Container | 18-24 in | \$24.00 | \$120 / 100 ft |

Pine, White

Pinus strobus

60-80 ft tall, 25-30 ft wide

Known for its long, soft needles, fast growth and 100+ year lifespan. A midwest native, commonly used as an inside row windbreak tree. Shedding needles make for a nice mulch.

Spacing, 20-30 ft.

| | | | |
|-----------|----------|----------|----------------|
| Container | 18-24 in | \$24.00 | \$96 / 100 ft |
| Container | 24-36 in | \$38.00 | \$152 / 100 ft |
| Container | 36-48 in | \$59.00 | \$239 / 100 ft |
| B&B | 5 ft | \$209.00 | \$836 / 100 ft |

Spruce, Norway

Picea abies

75-100 ft tall, 20-30 ft wide.

A longtime favorite and traditional windbreak tree. Hardy tree with dark green foliage. Fast grower with a long lifespan. More disease resistance than other spruce but needs adequate airflow at maturity. Well-drained soils are a must. Spacing, 20-30 ft.

| | | | |
|-----------|----------|----------|-----------------|
| Container | 12-18 in | \$20.00 | \$80 / 100 ft |
| Container | 18-24 in | \$24.00 | \$96 / 100 ft |
| Container | 24-36 in | \$38.00 | \$152 / 100 ft |
| Container | 36-48 in | \$59.00 | \$236 / 100 ft |
| B&B | 4 ft | \$149.00 | \$596 / 100 ft |
| B&B | 5 ft | \$209.00 | \$836 / 100 ft |
| B&B | 6 ft | \$299.00 | \$1196 / 100 ft |
| B&B | 8 ft | \$399.00 | \$1596 / 100 ft |

Spruce, Serbian

Picea omorika

60 ft tall, 20 ft wide.

Blue-green needles with a white hue. Fantastic specimen tree in the landscape. Fairly drought tolerant but prefers moist, well drained soils. More narrow and pyramidal in mature shape.

Spacing, 20 ft.

| | | | |
|-----------|----------|---------|----------------|
| Container | 24-36 in | \$38.00 | \$190 / 100 ft |
|-----------|----------|---------|----------------|

Please note, not all plants are listed in this catalog. An additional pricing sheet is available on our website, including shade, ornamental and fruit trees.

Windbreak Shrubs

Aronia, Black Chokeberry

Aronia melanocarpa

5-10 ft tall, 5-10 ft wide.

Unique, Iowa native plant with glossy, dark green foliage and great red fall color. Is considered a nice living snow fence. Fruit is said to be a superfood and can be eaten fresh, canned or juiced, although very bitter. White spring flowers attract bees and other pollinators. Spacing, 5-8ft.

| | | | |
|-----------|----------|---------|----------------|
| Container | 18-24 in | \$12.00 | \$240 / 100 ft |
| Container | 24-36 in | \$18.00 | \$360 / 100 ft |

Arrowwood

Viburnum dentatum

5-10 ft tall, 5-10 ft wide.

Unique, Iowa native plant with glossy, dark green foliage and great red fall color. Is considered a nice living snow fence. Fruit is said to be a superfood and can be eaten fresh, canned or juiced, although very bitter. White spring flowers attract bees and other pollinators. Spacing, 5-8ft.

| | | | |
|-----------|----------|---------|----------------|
| Container | 18-24 in | \$12.00 | \$240 / 100 ft |
|-----------|----------|---------|----------------|

Cherry, Nanking

Prunus tomentosa

8-10 ft tall, 8-12 ft wide.

Large shrub at maturity with dense vase-like shape. Midwest hardy, fast growing. Pale pink flowers in early spring. Small fruit create habitat for wildlife. Spacing, 5-8 ft.

| | | | |
|-----------|----------|---------|----------------|
| Container | 18-24 in | \$12.00 | \$240 / 100 ft |
| Container | 24-36 in | \$18.00 | \$360 / 100 ft |

Cranberry, Highbush

Viburnum trilobum

8-10 ft tall, 8-10 ft wide.

Dense, arched branching makes this a great windbreak shrub and visual screen. Can be a rapid grower, yet cold hardy. Will tolerate less drained soils but not wet. Great for butterflies, bees and other pollinators. Spacing, 5-8 ft.

| | | | |
|-----------|----------|---------|----------------|
| Container | 18-24 in | \$12.00 | \$240 / 100 ft |
| Container | 24-36 in | \$18.00 | \$360 / 100 ft |

Dogwood, Redosier*Cornus sericea*

5 ft tall, 5 ft wide

Red stems provide a fantastic winter color. A medium sized shrub with loose branching makes this a good choice for a living snow fence. Fruit source and cover for pheasant habitats and butterflies. Spacing, 3-5 ft.

| | | | |
|-----------|----------|---------|----------------|
| Container | 18-24 in | \$12.00 | \$240 / 100 ft |
| Container | 24-36 in | \$18.00 | \$360 / 100 ft |

Hazelnut, American (Filbert)*Corylus americana*

12-18 ft tall, 10 ft wide

Large, fast growing shrub. Fairly tolerant of dry sandy or moist clay soils. Produces tasty nuts that can also attract wildlife. Good shelter plant for deer. Spacing, 5-10 ft.

| | | | |
|-----------|----------|---------|----------------|
| Container | 18-24 in | \$12.00 | \$240 / 100 ft |
|-----------|----------|---------|----------------|

Lilac, Common Purple*Syringa vulgaris*

10 ft tall, 10 ft wide

Traditional hedge and windbreak shrub. Produces showy, highly fragrant flowers. Very cold hardy, but can be stressed in hot, dry summers. Needs sun or adequate airflow to avoid leaf mildew. Slow to medium growth rate with round mature shape that spreads by suckering. Spacing, 2-8 ft.

| | | | |
|-----------|----------|---------|----------------|
| Container | 18-24 in | \$12.00 | \$240 / 100 ft |
| Container | 24-36 in | \$18.00 | \$360 / 100 ft |

Lilac, Villosa*Syringa villosa*

8 ft tall, 10 ft wide.

Showy, fragrant flowers that develop later in the spring than other varieties. Medium to slow growth rate with compact, round mature shape. Does not spread by suckering will maintain a single shrub form. Spacing, 4-8 ft.

| | | | |
|-----------|----------|---------|----------------|
| Container | 24-36 in | \$18.00 | \$360 / 100 ft |
|-----------|----------|---------|----------------|

Ninebark, Common

Physocarpus opulifolius

5-8 ft tall, 5-8 ft wide.

Round, full shape with interesting, peeling bark. Drooping branches with white flowers in spring. Orange to maroon fall foliage. Fantastic pheasant habitat, deer resistant. Spacing, 5 ft.

| | | | |
|-----------|----------|---------|----------------|
| Container | 18-24 in | \$12.00 | \$240 / 100 ft |
| Container | 24-36 in | \$18.00 | \$360 / 100 ft |

Plum, American Wild

Prunus americana

15-20 ft tall, 8-12 ft wide.

Large shrub with spreading branches creates a great hedge. Can also be grown as a single stem. Produces small plums, good for canning or attracting wildlife. Provides food for bees and many other insects. Spacing, 5-10 ft.

| | | | |
|-----------|----------|---------|----------------|
| Container | 24-36 in | \$18.00 | \$360 / 100 ft |
|-----------|----------|---------|----------------|

Please note, not all plants are listed in this catalog. An additional pricing sheet is available on our website, including shade, ornamental and fruit trees.

Installation and Services

| Planting | <u>1-7 trees</u> | <u>8+ trees</u> |
|------------------------------|-------------------------|------------------------|
| B&B evergreen | \$125 each | \$85 each |
| B&B shade trees | \$175 each | \$145 each |
| Container #2, #3 and #5 gal. | \$45 each | \$19 each |
| Container #7 - #20 gal. | \$75 each | \$45 each |

Tree moving

| | |
|--------------------|--------------|
| 32 & 44 inch spade | \$295 each |
| 90 inch spade | Upon request |

Staking

\$45

Flagging and site layout

\$4 per plant

Delivery/Mileage

\$1.95 per mile

Utility Locate

\$10

Watering

Upon request

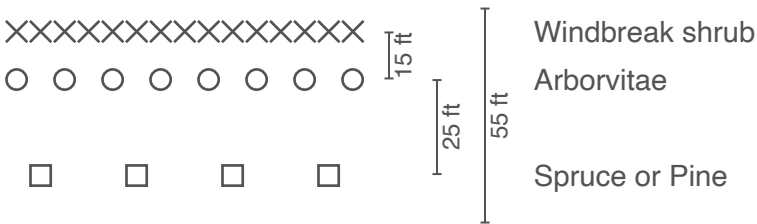
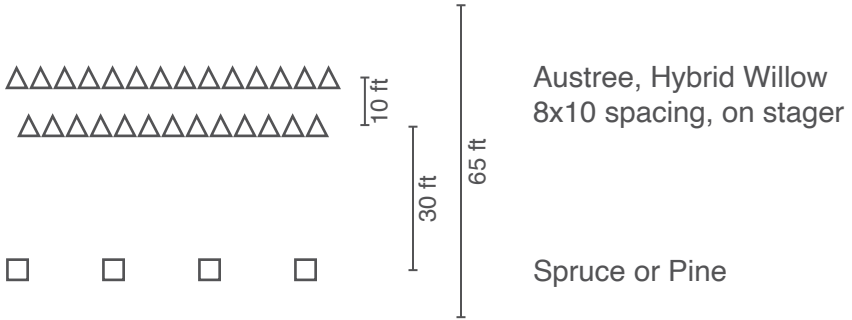
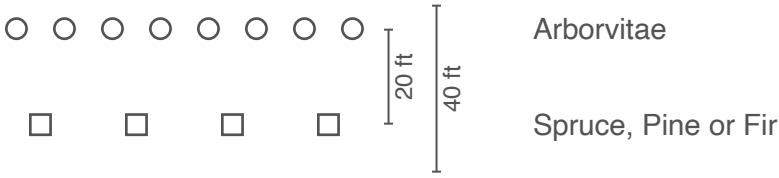
Project design

Upon request

CRP tree planting

Upon request

Common layouts

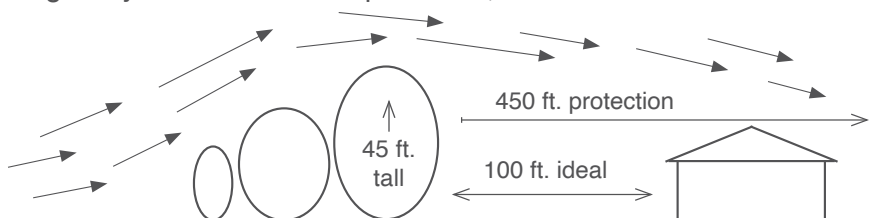


Note: It is important to remember that every windbreak is unique and should reflect your specific goals.

Redirection of the prevailing cold winds

A properly designed windbreak will redirect the wind pattern up and over your home, commercial building or livestock facility.

According to Iowa State University, windbreak height multiplied by 10 gives you the area most protected, down wind from the trees.



Benefits of trees

A properly designed windbreak or hedge around a home, commercial building or livestock facility can dramatically change the weather conditions and the overall appearance for the better.



Control the wind

The most common reason windbreaks are planted is to redirect the wind. A properly designed windbreak can reroute the harsh winds over or around an area. Mature height, length and number of rows, spacing and species are important factors in planning the best windbreak for you.

Snow control

Similar to a snow fence, shrubs and trees can be used as a living snow fence to control where the snow drops or drifts on your property.

Value and energy savings

It should come as no surprise, trees on your property can dramatically increase the value. Mature trees can increase real estate values by as much as 30 percent. According to the USDA, well-designed windbreaks can reduce energy costs by as much as 40 percent.

Aesthetics and visual screening

Planting trees is an easy way to improve the overall appearance of your property. The natural look of trees can help soften the potential harshness of homes, buildings, livestock facilities or other structures. Trees are often used around livestock facilities to improve neighbor relations by visually screening the facility from neighboring homes or roads. Not to mention, people will sometimes mistakenly smell livestock facilities with their eyes.

Environment

Trees play a large role in the health of our environment. By planting trees you are providing a valuable asset to your community, such as preventing soil erosion by wind and water, absorbing carbon dioxide, providing the oxygen we breath, controlling global temperatures, etc.



“We worked with Frazier Nursery through the Green Farmstead Partner Program and couldn’t have been happier with the process and the end results. They listened to our goals and delivered an excellent project.”

Doug and Denise Bishop, Delaware County, IA

“Frazier Nursery has been our go-to for over 25 years for anything from windbreaks to laying out a tree plan for new acreages. They guide you in the right direction no matter what ideas or dreams you throw at them. After the derecho they were one of the first on scene to help clean up and by the time the frost came out next spring they had a new windbreak back in. Frazier Nursery has proved, time and time again that they are the best in the nursery business.”

Ben Olson, Benton County, IA

“Frazier Nursery is a great team to work with, whether you are on site purchasing a couple trees or if you are ordering a full windbreak. They do a super job of planting too.”

Kay & Ed Pundt, Iowa County, IA

“I had Fraizers help me with a windbreak project this fall. They were very knowledgeable about what trees to plant, how to space them, as well as caring for them in the future. I would recommend them to anyone!”

Matt Kopriva, Tama County, IA

“Frazier Nursery was wonderful to work with from the planning of our farmstead windbreak to the planting. They were knowledgeable and had high quality stock to choose from. Their service was timely and they were willing to work around my schedule.”

Jay Dvorak, Tama County, IA



Frazier Nursery
2703 61st Street Lane
Vinton, IA 52349



