

Glossy Black Chokeberry

Aronia melonocarpa



Fall



Flower

General Attributes

Type	Deciduous Shrub
Height	3 - 6 Feet
Spread	3 - 6 Feet
Form	Rounded
Utility Lines	Compatible
Growth Rate	Slow
Life Expectancy	Short
USDA Zone	3 - 7
Root Pattern	

Flowers/Foliage/Fruits

Flower Color	White
Flower Season	Spring
Fruit	Pome
Fruit Color	Black
Fruit Season	Fall
Summer Texture	Medium
Winter Texture	Medium
Spring Foliage	Green
Summer Foliage	Green
Fall Foliage	Red
Winter Foliage	Not Applicable

Plant Community

Sun	Full Sun, Partial Sun
Orientation	North, South, East, West
Soil Texture	Sand to Clay
Topography	Upland, Lowland (Flood Prone), Lowland (Stable Water)
Plant Community	Bog, Dune, Open Cliff, Old Field, Shaded Cliff, Grassland
Succession	Pioneer
Origin	MSA Zone 1, MSA Zone 2, MSA Zone 3, MSA Zone 4, Minnesota, North America

Soils

Salt Spray Tolerance	Tolerant
Soil Salt Tolerance	
Compaction Tolerance	Tolerant
Water Table	6 Inches
Drainage	Poor, Excessive, Moderate
Flood Tolerance	
Drought Tolerance	Tolerant
Moisture Regime	Dry, Moist, Wet
pH	5.0 through 6.5
Windbreak Group	

Glossy Black Chokeberry

Aronia melonocarpa



Planting Ease

Spring Bareroot	Easy
Fall Bareroot	Difficult
Spring Container	Easy
Fall Container	Easy
Spring Seed	
Fall Seed	

Maintenance

Formal	Moderate
Informal	Low
2,4-D Tolerance	Sensitive
Dicamba Tolerance	Sensitive
Picloram Tolerance	Sensitive
Clopyralid Tolerance	
Artificial Light	
Sulfur Dioxide	
Ozone Tolerance	
Hydrogen Flouride	
Nitrogen Oxide	

Pests/Problems

Allergens	
Invasiveness	Non-Invasive
Toxicity	
Cold Injury	Not Susceptible
Storm Damage	Not Susceptible
Biological Control	
Mechanical Control	
Chemical Control	

Miscellaneous

Wildlife Rating	High
Insect Concerns	Minor
Disease Concern	Minor
Wildlife Concerns	

Comments

Listed in the Minnesota Horticulturist, 'The Top Ten-Plus-One Shrubs for Minnesota'. 'Glabrous leaves and stems. Tends to sucker profusely forming large colonies. Only 'elata' readily available in nurseries.'



Dormant



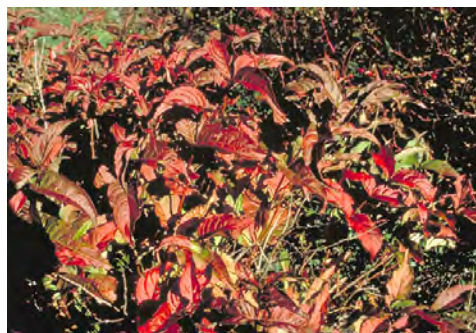
Fruit

Dwarf Bush-Honeysuckle

Diervilla lonicera



Leaf



Fall

General Attributes

Type	Deciduous Shrub
Height	3 - 4 Feet
Spread	2 - 3 Feet
Form	Mounded
Utility Lines	Compatible
Growth Rate	Fast
Life Expectancy	Short
USDA Zone	3 - 7
Root Pattern	

Flowers/Foliage/Fruits

Flower Color	Yellow
Flower Season	Summer
Fruit	Capsule
Fruit Color	Dark Brown
Fruit Season	Fall
Summer Texture	Medium
Winter Texture	Medium
Spring Foliage	Yellow Green
Summer Foliage	Green
Fall Foliage	Red
Winter Foliage	Not Applicable

Plant Community

Sun	Full Sun, Partial Sun
Orientation	North, East
Soil Texture	Sand to Clay
Topography	Upland
Plant Community	Forest, Open Cliff, Savannah, Forest Edge, Old Field
Succession	Pioneer
Origin	MSA Zone 1, MSA Zone 2, MSA Zone 3, MSA Zone 4, Minnesota, North America

Soils

Salt Spray Tolerance	Moderate
Soil Salt Tolerance	
Compaction Tolerance	Tolerant
Water Table	24 Inches
Drainage	Excessive, Moderate
Flood Tolerance	
Drought Tolerance	Tolerant
Moisture Regime	Dry, Moist, Wet
pH	6.1 through 7.3
Windbreak Group	

Dwarf Bush-Honeysuckle

Diervilla lonicera



Planting Ease

Spring Bareroot	Easy
Fall Bareroot	Moderate
Spring Container	Easy
Fall Container	Easy
Spring Seed	
Fall Seed	

Maintenance

Formal	Moderate
Informal	Moderate
2,4-D Tolerance	Sensitive
Dicamba Tolerance	Sensitive
Picloram Tolerance	Sensitive
Clopyralid Tolerance	Sensitive
Artificial Light	
Sulfur Dioxide	
Ozone Tolerance	
Hydrogen Flouride	
Nitrogen Oxide	

Pests/Problems

Allergens	
Invasiveness	Invasive
Toxicity	
Cold Injury	Moderately Susceptible
Storm Damage	Not Susceptible
Biological Control	
Mechanical Control	
Chemical Control	

Miscellaneous

Wildlife Rating	Low
Insect Concerns	Minor
Disease Concern	Minor
Wildlife Concerns	

Comments

Native shrub that forms a good bank cover. Use for mass plantings & slopes. Old seed heads persist and cutting the entire plant back to the ground every spring improves the appearance. Sometimes sold as *D. trifida*. Free of insect & disease problems.



Flower

Creeping Juniper

Juniperus horizontalis



Mature



Native Range

General Attributes

Type	Evergreen Shrub
Height	1 - 3 Feet
Spread	6 - 12 Feet
Form	Spreading
Utility Lines	Compatible
Growth Rate	Medium
Life Expectancy	Long
USDA Zone	3 - 9
Root Pattern	

Flowers/Foliage/Fruits

Flower Color	Yellow, Brown, Green
Flower Season	
Fruit	Cone
Fruit Color	Gray, Yellow, Blue
Fruit Season	Spring, Fall, Winter
Summer Texture	Medium
Winter Texture	Medium
Spring Foliage	Dark Green, Green
Summer Foliage	Dark Green, Green
Fall Foliage	Dark Green, Green
Winter Foliage	Brown, Purple

Plant Community

Sun	Full Sun
Orientation	South, West
Soil Texture	Sand to Clay
Topography	Upland
Plant Community	Dune, Open Cliff, Old Field
Succession	Intermediate, Climax
Origin	MSA Zone 1, MSA Zone 2, MSA Zone 3, MSA Zone 4, MSA Zone 5, Minnesota, North America

Soils

Salt Spray Tolerance	Sensitive
Soil Salt Tolerance	
Compaction Tolerance	Intolerant
Water Table	24 Inches
Drainage	Excessive, Moderate
Flood Tolerance	
Drought Tolerance	Tolerant
Moisture Regime	Dry, Moist, Wet
pH	5.0 through 8.5
Windbreak Group	

Creeping Juniper

Juniperus horizontalis



Planting Ease

Spring Bareroot	Moderate
Fall Bareroot	Difficult
Spring Container	Easy
Fall Container	Moderate
Spring Seed	
Fall Seed	

Maintenance

Formal	High
Informal	Moderate
2,4-D Tolerance	Sensitive
Dicamba Tolerance	
Picloram Tolerance	Sensitive
Clopyralid Tolerance	
Artificial Light	
Sulfur Dioxide	Tolerant
Ozone Tolerance	
Hydrogen Flouride	Moderate
Nitrogen Oxide	

Pests/Problems

Allergens	males 10, females 1, bisexual 9
Invasiveness	Non-Invasive
Toxicity	Has toxic Roots, Stems, Leaves, Flowers, Fruit
Cold Injury	Not Susceptible
Storm Damage	Not Susceptible
Biological Control	
Mechanical Control	
Chemical Control	

Miscellaneous

Wildlife Rating	High
Insect Concerns	Minor
Disease Concern	Minor
Wildlife Concerns	

Comments



Leaf



Mass

Bush Cinquefoil

Potentilla fruticosa



General Attributes

Type	Deciduous Shrub
Height	3 - 4 Feet
Spread	3 - 4 Feet
Form	Rounded
Utility Lines	Compatible
Growth Rate	Medium
Life Expectancy	Short
USDA Zone	2 - 6
Root Pattern	

Flowers/Foliage/Fruits

Flower Color	Yellow
Flower Season	Summer
Fruit	Capsule
Fruit Color	Light Brown
Fruit Season	Spring, Summer, Fall
Summer Texture	Fine
Winter Texture	Medium
Spring Foliage	Dark Green
Summer Foliage	Dark Green
Fall Foliage	Dark Green
Winter Foliage	Not Applicable

Plant Community

Sun	Full Sun
Orientation	North, South, East, West
Soil Texture	Sand to Clay
Topography	Upland, Lowland (Flood Prone), Lowland (Stable Water), Wetland
Plant Community	Bog, Dune, Open Cliff, Inland Fresh Meadow, Marsh, Grassland

Succession

Origin	MSA Zone 1, MSA Zone 2, MSA Zone 3, MSA Zone 4, MSA Zone 5, MSA Zone 6, Minnesota, North America
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Soils

Salt Spray Tolerance	Tolerant
Soil Salt Tolerance	Tolerant
Compaction Tolerance	Tolerant
Water Table	6 Inches
Drainage	Poor, Excessive, Moderate
Flood Tolerance	
Drought Tolerance	Tolerant
Moisture Regime	Dry, Moist, Wet
pH	6.0 through 8.5
Windbreak Group	

Bush Cinquefoil

Potentilla fruticosa



Planting Ease

Spring Bareroot	Easy
Fall Bareroot	Easy
Spring Container	Easy
Fall Container	Easy
Spring Seed	
Fall Seed	

Maintenance

Formal	Moderate
Informal	High
2,4-D Tolerance	Sensitive
Dicamba Tolerance	Sensitive
Picloram Tolerance	Sensitive
Clopyralid Tolerance	
Artificial Light	
Sulfur Dioxide	
Ozone Tolerance	Moderate
Hydrogen Flouride	
Nitrogen Oxide	

Pests/Problems

Allergens	males 3, females 3
Invasiveness	Non-Invasive
Toxicity	
Cold Injury	Not Susceptible
Storm Damage	Not Susceptible
Biological Control	
Mechanical Control	
Chemical Control	

Miscellaneous

Wildlife Rating	Low
Insect Concerns	Minor
Disease Concern	Minor
Wildlife Concerns	

Comments

Vigorous shrub that performs well all summer.



Gro-Low Fragrant Sumac

Rhus aromatica (Grow-Low)



Mature



Leaf

General Attributes

Type	Deciduous Shrub
Height	2 - 2 Feet
Spread	6 - 8 Feet
Form	Spreading
Utility Lines	Compatible
Growth Rate	Slow
Life Expectancy	Short
USDA Zone	4 - 9
Root Pattern	

Flowers/Foliage/Fruits

Flower Color	Yellow
Flower Season	Spring
Fruit	Drupe
Fruit Color	Red
Fruit Season	Summer, Fall
Summer Texture	Medium
Winter Texture	Medium
Spring Foliage	Green
Summer Foliage	Green
Fall Foliage	Orange
Winter Foliage	Not Applicable

Plant Community

Sun	Full Sun
Orientation	North, South, East, West
Soil Texture	Sand to Loam
Topography	Upland
Plant Community	Open Cliff, Savannah, Old Field, Grassland
Succession	
Origin	North America

Soils

Salt Spray Tolerance	Tolerant
Soil Salt Tolerance	Tolerant
Compaction Tolerance	Intolerant
Water Table	24 Inches
Drainage	Excessive, Moderate
Flood Tolerance	
Drought Tolerance	Tolerant
Moisture Regime	Dry, Moist
pH	6.0 through 8.5
Windbreak Group	

Gro-Low Fragrant Sumac

Rhus aromatica (Grow-Low)



Planting Ease

Spring Bareroot Moderate

Fall Bareroot

Spring Container Easy

Fall Container Easy

Spring Seed

Fall Seed

Maintenance

Formal Moderate

Informal High

2,4-D Tolerance Sensitive

Dicamba Tolerance Sensitive

Picloram Tolerance Sensitive

Clopyralid Tolerance

Artificial Light Sensitive

Sulfur Dioxide Sensitive

Ozone Tolerance Sensitive

Hydrogen Flouride Moderate

Nitrogen Oxide

Pests/Problems

Allergens males 10, females 7

Invasiveness Invasive

Toxicity

Cold Injury Moderately Susceptible

Storm Damage Not Susceptible

Biological Control

Mechanical Control

Chemical Control

Miscellaneous

Wildlife Rating

Insect Concerns Minor

Disease Concern Minor

Wildlife Concerns

Comments

Plant's ability to develop roots as the stems touch the ground make this useful as a ground cover for banks and massing. Small aromatic yellow flowers followed by edible red hairy fruit. Introduced by Synnesvedt Nursery, Glenview, Illinois.



Fall

Staghorn Sumac

Rhus typhina



Mature



Native Range

General Attributes

Type	Deciduous Tree or Deciduous Shrub
Height	12 - 25 Feet
Spread	12 - 20 Feet
Form	Irregular or Irregular
Utility Lines	Compatible
Growth Rate	Fast
Life Expectancy	Short
USDA Zone	3 - 8
Root Pattern	

Flowers/Foliage/Fruits

Flower Color	Yellow
Flower Season	Summer
Fruit	Drupe
Fruit Color	Red
Fruit Season	Spring, Summer, Fall, Winter
Summer Texture	Medium
Winter Texture	Coarse
Spring Foliage	Green
Summer Foliage	Green
Fall Foliage	Orange, Red
Winter Foliage	Not Applicable

Plant Community

Sun	Full Sun, Partial Sun
Orientation	North, South, East, West
Soil Texture	Sand to Clay
Topography	Upland
Plant Community	Savannah, Forest Edge, Old Field, Grassland
Succession	Pioneer
Origin	MSA Zone 1, MSA Zone 2, MSA Zone 3, Minnesota, North America

Soils

Salt Spray Tolerance	Moderate
Soil Salt Tolerance	Moderate
Compaction Tolerance	Intolerant
Water Table	24 Inches
Drainage	Excessive, Moderate
Flood Tolerance	
Drought Tolerance	Tolerant
Moisture Regime	Dry, Moist, Wet
pH	6.1 through 7.5
Windbreak Group	

Staghorn Sumac

Rhus typhina



Planting Ease

Spring Bareroot	Moderate
Fall Bareroot	
Spring Container	Easy
Fall Container	Easy
Spring Seed	
Fall Seed	

Maintenance

Formal	Moderate
Informal	Low
2,4-D Tolerance	Sensitive
Dicamba Tolerance	Sensitive
Picloram Tolerance	Sensitive
Clopyralid Tolerance	Sensitive
Artificial Light	Sensitive
Sulfur Dioxide	Sensitive
Ozone Tolerance	Sensitive
Hydrogen Flouride	Moderate
Nitrogen Oxide	

Pests/Problems

Allergens	males 10, females 7
Invasiveness	Invasive
Toxicity	Has toxic Roots, Stems, Leaves, Flowers, Fruit
Cold Injury	Moderately Susceptible
Storm Damage	Susceptible
Biological Control	
Mechanical Control	
Chemical Control	

Miscellaneous

Wildlife Rating	High
Insect Concerns	Minor
Disease Concern	Minor
Wildlife Concerns	

Comments

Branches are covered with dense velvet hair. Useful for highway slopes and banks. Any portion of the plant is considered toxic, if ingested.



Bark



Dormant

Staghorn Sumac

Rhus typhina



Fall



Flower



Fruit



Leaf

Alpine Currant

Ribes alpinum



Fruit



Mass

General Attributes

Type	Deciduous Shrub
Height	3 - 5 Feet
Spread	6 - 12 Feet
Form	Rounded
Utility Lines	Compatible
Growth Rate	Medium
Life Expectancy	Medium
USDA Zone	2 - 7
Root Pattern	

Flowers/Foliage/Fruits

Flower Color	Yellow
Flower Season	Spring
Fruit	Berry
Fruit Color	Red
Fruit Season	Summer
Summer Texture	Medium
Winter Texture	Medium
Spring Foliage	Green
Summer Foliage	Green
Fall Foliage	Yellow
Winter Foliage	Not Applicable

Plant Community

Sun	Full Sun, Partial Sun, Shade
Orientation	North, South, East, West
Soil Texture	Sandy Loam to Clay Loam
Topography	Upland
Plant Community	
Succession	
Origin	Non North America

Soils

Salt Spray Tolerance	Tolerant
Soil Salt Tolerance	
Compaction Tolerance	Tolerant
Water Table	0 Inches
Drainage	Excessive, Moderate
Flood Tolerance	
Drought Tolerance	Tolerant
Moisture Regime	Dry, Moist, Wet
pH	6.1 through 8.5
Windbreak Group	

Alpine Currant

Ribes alpinum



Planting Ease

Spring Bareroot	Easy
Fall Bareroot	
Spring Container	Easy
Fall Container	Easy
Spring Seed	
Fall Seed	

Maintenance

Formal	Moderate
Informal	Moderate
2,4-D Tolerance	Sensitive
Dicamba Tolerance	Sensitive
Picloram Tolerance	Sensitive
Clopyralid Tolerance	
Artificial Light	
Sulfur Dioxide	Moderate
Ozone Tolerance	
Hydrogen Flouride	
Nitrogen Oxide	

Pests/Problems

Allergens	males 7, females 1
Invasiveness	Non-Invasive
Toxicity	
Cold Injury	Not Susceptible
Storm Damage	Not Susceptible
Biological Control	
Mechanical Control	
Chemical Control	

Miscellaneous

Wildlife Rating	Moderate
Insect Concerns	Minor
Disease Concern	Major
Wildlife Concerns	

Comments

Female plants have showier fruit yet males are usually propagated because of rust resistance. Use as hedge or massing plant. Responsive to shearing. Leaf spot diseases can be problems especially in wet seasons.



Dormant

Rugosa Rose

Rosa rugosa



Mature



Flower

General Attributes

Type	Deciduous Shrub
Height	4 - 8 Feet
Spread	4 - 6 Feet
Form	Rounded
Utility Lines	Compatible
Growth Rate	Fast
Life Expectancy	Short
USDA Zone	2 - 7
Root Pattern	

Flowers/Foliage/Fruits

Flower Color	White, Red, Pink
Flower Season	Summer
Fruit	Achene
Fruit Color	Orange, Red
Fruit Season	Fall
Summer Texture	Medium
Winter Texture	Medium
Spring Foliage	Green
Summer Foliage	Green
Fall Foliage	Yellow
Winter Foliage	Not Applicable

Plant Community

Sun	Full Sun
Orientation	North, South, East, West
Soil Texture	Sandy Loam to Silty Clay Loam
Topography	Upland
Plant Community	
Succession	
Origin	Non North America

Soils

Salt Spray Tolerance	Tolerant
Soil Salt Tolerance	
Compaction Tolerance	Intolerant
Water Table	24 Inches
Drainage	Moderate
Flood Tolerance	
Drought Tolerance	
Moisture Regime	Moist, Wet
pH	6.0 through 7.0
Windbreak Group	

Rugosa Rose

Rosa rugosa



Planting Ease

Spring Bareroot Easy

Fall Bareroot

Spring Container Easy

Fall Container Easy

Spring Seed

Fall Seed

Maintenance

Formal High

Informal High

2,4-D Tolerance Sensitive

Dicamba Tolerance Sensitive

Picloram Tolerance Sensitive

Clopyralid Tolerance

Artificial Light

Sulfur Dioxide

Ozone Tolerance Moderate

Hydrogen Flouride

Nitrogen Oxide

Pests/Problems

Allergens

Invasiveness Non-Invasive

Toxicity

Cold Injury Susceptible

Storm Damage Not Susceptible

Biological Control

Mechanical Control

Chemical Control

Miscellaneous

Wildlife Rating Moderate

Insect Concerns Major

Disease Concern Major

Wildlife Concerns

Comments

Probably one of the most trouble-free roses. More resistant to leaf diseases and tolerates salt better than many roses.

White Snowberry

Symphoricarpos albus



Leaf



Flower

General Attributes

Type	Deciduous Shrub
Height	3 - 6 Feet
Spread	3 - 6 Feet
Form	Mounded
Utility Lines	Compatible
Growth Rate	Fast
Life Expectancy	Short
USDA Zone	3 - 7
Root Pattern	

Flowers/Foliage/Fruits

Flower Color	Pink
Flower Season	Summer
Fruit	Drupe
Fruit Color	White
Fruit Season	Fall
Summer Texture	Fine
Winter Texture	Fine
Spring Foliage	Green
Summer Foliage	Green
Fall Foliage	Insignificant
Winter Foliage	Not Applicable

Plant Community

Sun	Full Sun, Partial Sun, Shade
Orientation	North, South, East, West
Soil Texture	Sand to Clay
Topography	Upland
Plant Community	Forest, Dune, Open Cliff, Shaded Cliff
Succession	
Origin	MSA Zone 1, MSA Zone 2, MSA Zone 3, MSA Zone 4, MSA Zone 6, Minnesota, North America

Soils

Salt Spray Tolerance	Moderate
Soil Salt Tolerance	Moderate
Compaction Tolerance	Moderate
Water Table	24 Inches
Drainage	Poor, Excessive, Moderate
Flood Tolerance	
Drought Tolerance	
Moisture Regime	Dry, Moist, Wet
pH	6.1 through 8.5
Windbreak Group	

White Snowberry

Symphoricarpos albus



Planting Ease

Spring Bareroot	Easy
Fall Bareroot	
Spring Container	Easy
Fall Container	Easy
Spring Seed	
Fall Seed	

Maintenance

Formal	Moderate
Informal	Low
2,4-D Tolerance	Sensitive
Dicamba Tolerance	Sensitive
Picloram Tolerance	Sensitive
Clopyralid Tolerance	
Artificial Light	
Sulfur Dioxide	Moderate
Ozone Tolerance	Sensitive
Hydrogen Flouride	
Nitrogen Oxide	

Pests/Problems

Allergens	males 3, females 3
Invasiveness	Invasive
Toxicity	
Cold Injury	Not Susceptible
Storm Damage	Not Susceptible
Biological Control	
Mechanical Control	
Chemical Control	

Miscellaneous

Wildlife Rating	Moderate
Insect Concerns	Minor
Disease Concern	Major
Wildlife Concerns	

Comments

Large interesting white fruit that is not edible. Dainty pink flowers in June. Suckers profusely; useful for holding steep banks. Good wildlife habitat. Fruit may persist into winter but often discolored by a fungus.



Fruit



Immature