

Arenac Conservation District



Tree Sale Selection Guide

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N - Native Michigan Plant

SEEDLINGS & TRANSPLANTS

Arborvitae



Height: 40-60'
Spread: 12-18'
Lifespan: 40-60 years
Growth Rate: Rapid
Water Use: Medium
Maintenance: Low
Soil pH: 6.0-8.0

Soil Type: Variable

Soil Moisture: Moist, fertile soils

Light Needs: Full sun to partial shade

Uses: Landscaping and hedgerows

Options: Transplants only

N

Black Spruce



Height: 30-40'
Spread: 8-12'
Lifespan: 200-300 years
Growth Rate: Slow
Water Use: Medium
Maintenance: Low
Soil pH: 4.0-7.0

Soil Type: Variable

Soil Moisture: Acidic and moist

Light Needs: Full sun

Uses: Pulpwood, Christmas trees

Options: Seedling or transplant

Blue Spruce



Height: 30-60'
Spread: 10-20'
Lifespan: 600 years
Growth Rate: Slow
Water Use: Medium
Maintenance: Low
Soil pH: 6.0-7.5

Soil Type: Sandy loam

Soil Moisture: Dry, well drained

Light Needs: Full Sun

Uses: Landscaping, Christmas trees

Options: Seedling or transplant

Concolor Fir



Height: 40-70'
Spread: 20-30'
Lifespan: 300 years
Growth Rate: Slow
Water Use: Medium
Maintenance: Medium
Soil pH: 5.0-8.0

Soil Type: Sandy loams and rocky soils

Soil Moisture: Moist, well drained

Light Needs: Full sun

Uses: Christmas tree, screening

Options: Transplant only

NEW!

N

Douglas Fir



Height: 40-80'
Spread: 12-20'
Lifespan: 500-1000 years
Growth Rate: Medium
Water Use: Medium
Maintenance: High
Soil pH: 5.0-6.0

Soil Type: Rich sandy loams

Soil Moisture: Well drained

Light Needs: Full sun

Uses: Christmas trees, construction

Options: Seedling or transplant

Norway Spruce



Height: 40-60'
Spread: 25-30'
Lifespan: 200 years
Growth Rate: Rapid
Water Use: Medium
Maintenance: Low
Soil pH: 5.0-7.5

Soil Type: Rich, sandy

Soil Moisture: Moist, well drained

Light Needs: Full sun

Uses: Gardening and wind breaks

Options: Seedling or transplant

SEEDLINGS AND TRANSPLANTS

N

Red Cedar



Height: 30-65'
Spread: 8-25'
Lifespan: 450 years
Growth Rate: Medium
Water Use: Medium
Maintenance: Low
Soil pH: 6.0-8.0

Soil Type: Sandy, loamy or rocky
Soil Moisture: Well-drained
Light Needs: Full sun to partial shade
Uses: Windbreaks, wildlife food and cover
Options: Seedling only

N

Red Pine



Height: 50-80'
Spread: 20-40'
Lifespan: 200-450 years
Growth Rate: Medium
Water Use: Medium
Maintenance: Low
Soil pH: 5.5-6.5

Soil Type: Sandy, loamy, well-aerated
Soil Moisture: Well-drained
Light Needs: Full sun to partial shade
Uses: Christmas tree, timber, landscaping
Options: Seedling or transplant

N

White Cedar



Height: 60-80'
Spread: 30-40'
Lifespan: 200-1000 years
Growth Rate: Medium
Water Use: Medium
Maintenance: Low
Soil pH: 3.5-5.5

Soil Type: Peat muck, sandy soils
Soil Moisture: Rich, moist
Light Needs: Full sun to partial shade
Uses: Winter wildlife food source
Options: Seedling or transplant

N

White Pine



Height: 50-80'
Spread: 20-25'
Lifespan: 200-400 years
Growth Rate: Medium
Water Use: Medium
Maintenance: Low
Soil pH: 5.5-6.5

Soil Type: Rich silt and sand loams
Soil Moisture: Well drained
Light Needs: Full sun
Uses: Lumber and construction, medicine
Options: Seedling or transplant

N

White Spruce



Height: 40-60'
Spread: 10-20'
Lifespan: 250-300 years
Growth Rate: Medium
Water Use: Medium
Maintenance: Low
Soil pH: 4.7-7.0

Soil Type: Variable
Soil Moisture: Moist, well drained
Light Needs: Full sun to light shade
Uses: Pulpwood, lumber, wildlife, firewood
Options: Seedling or transplant

DECIDUOUS TREES

N

Black Cherry



Height: 60-80'
Spread: 30-60'
Lifespan: 80-100 years
Growth Rate: Rapid
Water Use: Medium
Maintenance: Low
Soil pH: 5-6.5

Soil Type: Silt Loam

Soil Moisture: Well-drained

Light: Full sun

Uses: Furniture, wildlife

N

Black Walnut



Height: 50-75'
Spread: 50-70'
Lifespan: 150 years
Growth Rate: Medium
Water Use: High
Maintenance: Medium
Soil pH: 6.0-7.5

Soil Type: Variable

Soil Moisture: Well-drained

Light Requirement: Full Sun to Part Shade

Uses: Furniture, landscape, nut-producer

NEW!

N

Bitternut Hickory



Height: 50-80'
Spread: 30-50'
Lifespan: 175-200 years
Growth Rate: Medium
Water Use: Medium
Maintenance: Low
Soil pH: 6.8-7.2

Soil Type: Rich, variable

Soil Moisture: Medium to wet, well-drained

Light Requirement: Full Sun to partial shade

Uses: Pulpwood, pollinator, lumber, nuts

Chinese Chestnut



Height: 40-60'
Spread: 40-60'
Lifespan: 150 years
Growth Rate: Rapid
Water Use: Medium
Maintenance: Medium
Soil pH: 5.5-6.5

Soil Type: Loamy Soils

Soil Moisture: Well-drained

Light Requirement: Full sun

Uses: Shade tree, nut-producer

Large Stock
Only!

Crimson King Maple



Height: 30-50'
Spread: 20-40'
Lifespan: 150-250 years
Growth Rate: Medium
Water Use: Medium
Maintenance: Low
Soil pH: 4.0-7.0

Soil Type: Variable

Soil Moisture: Moist, well-drained

Light Requirement: Full sun to partial shade

Uses: Shade tree, landscaping

N

Hazelnut



Height: 9-12'
Spread: 8-13'
Lifespan: 30 years
Growth Rate: Medium
Water Use: Medium
Maintenance: Low
Soil pH: 6.0-7.0

Soil Type: Variable

Soil Moisture: Well-drained

Light Requirement: Full sun

Uses: Wildlife, gardening, nut-producer

DECIDUOUS TREES

N

Mountain Ash



Height: 15-30'
Spread: 15-25'
Lifespan: 400 years
Growth Rate: Slow
Water Use: Medium
Maintenance: Medium
Soil pH: 5.5-7.0

Soil Type: Rich loams and limestone sand
Soil Moisture: Moist, well-drained
Light Requirement: Full sun to partial shade
Uses: Shade, landscaping, wildlife

N

Paw Paw



Height: 15-30'
Spread: 15-30'
Lifespan: 80 years
Growth Rate: Medium
Water Use: Medium
Maintenance: Low Soil
pH: 5.5-7.0

Soil Type: Rich sand, sandy loam and clay
Soil Moisture: Moist, well-drained
Light Requirement: Full sun to full shade
Uses: Fruit, landscaping, wildlife, pollinators

Large Stock
Only!

N

Redbud



Height: 15-30'
Spread: 20-35'
Lifespan: 75 years
Growth Rate: Medium
Water Use: Low
Maintenance: Low
Soil pH: 6.5-8.0

Soil Type: Rich soils of all kinds
Soil Moisture: Moist, well-drained
Light Requirement: Partial shade
Uses: Landscaping, windbreaks, wildlife

N

Red Maple



Height: 40-70'
Spread: 30-50'
Lifespan: 80-100 years
Growth Rate: Rapid
Water Use: High
Maintenance: Low
Soil pH: 5.0-6.5

Soil Type: Rich soils of all kinds
Soil Moisture: Moist, well-drained
Light Requirement: Full sun to partial shade
Uses: Landscaping, erosion control, wildlife

Also in Large
Stock!

N

Red Mulberry



Height: 25-60'
Spread: 35-40'
Lifespan: 75-100 years
Growth Rate: Rapid
Water Use: Medium
Maintenance: Medium
Soil pH: 5.0-7.0

Soil Type: Rich sandy and clay loams
Soil Moisture: Moist, well-drained
Light Requirement: Full sun to shade
Uses: Weather and pest resistant wood

DECIDUOUS TREES

N

Silver Maple



Height: 50-80'
Spread: 40-60'
Lifespan: 130 years
Growth Rate: Medium
Water Use: Medium
Maintenance: Medium
Soil pH: 4.5-7.0

Soil Type: Poor, variable soils
Soil Moisture: Moist, poor quality
Light Requirement: Full sun to partial shade
Uses: Syrup, lumber, soil rehabilitation

N

Sugar Maple



Height: 50-120'
Spread: 30-60'
Lifespan: 500 years
Growth Rate: Slow
Water Use: Medium
Maintenance: Medium
Soil pH: 5.5-7.3

Soil Type: Rich, variable soils
Soil Moisture: Well drained
Light Requirement: Full sun to shade
Uses: Syrup, lumber, wildlife

N

Swamp White Oak

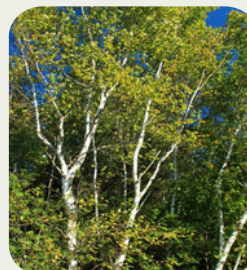


Height: 45-60'
Spread: 25-45-60'
Lifespan: 300-350 years
Growth Rate: Medium
Water Use: High
Maintenance: Low
Soil pH: 5.0-7.0

Soil Type: Fine clay loam, high mineral content
Soil Moisture: Poorly drained, moist
Light Requirement: Full sun
Uses: Lumber, landscaping, wildlife

N

White Birch



Height: 50-75'
Spread: 25-45'
Lifespan: 140-200 years
Growth Rate: Rapid
Water Use: Medium
Maintenance: High
Soil pH: 5.0-6.5

Soil Type: Rich loams and sand
Soil Moisture: Well drained, moist
Light Requirement: Full sun to partial shade
Uses: Landscaping, pulpwood, erosion control

N

White Oak



Height: 50-60'
Spread: 50-80'
Lifespan: 600 years
Growth Rate: Slow
Water Use: Medium
Maintenance: Medium
Soil pH: 5.5-6.5

Soil Type: Sands and Loams
Soil Moisture: Well drained, moist
Light Requirement: Full sun to partial shade
Uses: Landscaping, timber, wildlife

SHRUBS

Butterfly Bush



Height: 8-15'
Spread: 10-18'
Lifespan: 3-10 years
Growth Rate: Medium
Water Use: Medium
Maintenance: Low
Soil pH: 6-8

Soil Type: Variable

Soil Moisture: Well drained

Light Requirement: Full sun

Uses: Landscaping, foundations, flowers

N

Buttonbush



Height: 5-12'
Spread: 4-8'
Lifespan: 50 years
Growth Rate: Medium
Water Use: High
Maintenance: Low
Soil pH: 5.0-7.4

Soil Type: Rich, variable

Soil Moisture: Moist, well drained

Light Requirement: Full sun to partial shade

Uses: Wetlands restoration, wildlife

N

Dogwood, Flowering



Height: 15-30'
Spread: 15-30'
Lifespan: 80 years
Growth Rate: Medium
Water Use: Medium
Maintenance: Low
Soil pH: 5.0-7.0

Soil Type: Sandy loam

Soil Moisture: Moist, well drained

Light Requirement: Partial shade

Uses: Ornamental, soil restoration, wildlife

N

Dogwood, Red Osier



Height: 6-9'
Spread: 6-9'
Lifespan: 20-30 years
Growth Rate: Rapid
Water Use: High
Maintenance: Medium
Soil pH: 5.0-8.0

Soil Type: Variable

Soil Moisture: Very wet to moist, well drained

Light Requirement: Full sun to partial shade

Uses: Erosion control, windbreaks, wildlife

N

Dogwood, Silky



Height: 6-12'
Spread: 6-12'
Lifespan: 20-30 years
Growth Rate: Medium
Water Use: High
Maintenance: Medium
Soil pH: 5.0-8.0

Soil Type: Rich, variable

Soil Moisture: Wet, well-drained

Light Requirement: Full sun to deep shade

Uses: Erosion control, windbreaks, wildlife

N

Elderberry



Height: 5-12'
Spread: 6-12'
Lifespan: 60 years
Growth Rate: Medium
Water Use: Medium
Maintenance: Medium
Soil pH: 5.0-8.0

Soil Type: Rich, variable

Soil Moisture: Medium to wet, well drained

Light Requirement: Full sun to partial shade

Uses: Fruit, erosion control, landscaping, wildlife

SHRUBS

N

Highbush Cranberry



Height: 8-12'
Spread: 8-12'
Lifespan: 30 years
Growth Rate: Medium
Water Use: High
Maintenance: Low
Soil pH: 6.0-7.5

Soil Type: Loams

Soil Moisture: Well drained, wet to moist

Light Requirement: Full sun to partial shade

Uses: Jam berries, wildlife

Lilac



Height: 8-16'
Spread: 6-12'
Lifespan: 50 years
Growth Rate: Medium
Water Use: Medium
Maintenance: Low
Soil pH: 6.0-8.0

Soil Type: Rich, loamy clay

Soil Moisture: Well drained

Light Requirement: Full sun

Uses: Windbreaks, landscaping

N

Nannyberry



Height: 14-16'
Spread: 6-12'
Lifespan: 40 years
Growth Rate: Medium
Water Use: Medium
Maintenance: Low
Soil pH: 5.0-8.0

Soil Type: Clay loam to loam

Soil Moisture: Well drained, moist

Light Requirement: Full sun to partial shade

Uses: Landscaping, hedgerows, wildlife

N

Ninebark



Height: 5-8'
Spread: 4-6'
Lifespan: 5-10 years
Growth Rate: Rapid
Water Use: Low
Maintenance: Medium
Soil pH: 6.8-7.2

Soil Type: Clay, loam

Soil Moisture: Medium

Light Requirement: Full sun to partial shade

Uses: Hedge, erosion control, landscaping

N

Serviceberry



Height: 15-25'
Spread: 15-25'
Lifespan: 30-40 years
Growth Rate: Slow
Water Use: Medium
Maintenance: Low
Soil pH: 4.8-7.5

Soil Type: Variable

Soil Moisture: Well drained

Light Requirement: Full sun to partial shade

Uses: Berries, wildlife, pulpwood

N

Winterberry



Height: 3-15'
Spread: 3-12'
Lifespan: 15-20 years
Growth Rate: Slow
Water Use: Medium
Maintenance: Low
Soil pH: 4.5-7.5

Soil Type: Variable

Soil Moisture: Well drained, moist

Light Requirement: Full sun to partial shade

Uses: Landscaping, wildlife

APPLES

Plant all apple varieties in loamy, well-drained soil where they can get direct sunlight for up to 8 hours a day.

Gale Gala



Rootstock: EMLA 7
Flavor: Mild and Sweet
Texture: Fine and Crisp
Chill Hours: 500
Years to Bear:
Blooms: Midseason
Ripens: Late summer

Storage: >3 months

Pollinates: All other trees in stock. Requires 2 other trees to pollinate

Resistances: Scab, fireblight, cold

Uses: Great fresh or prepared in recipes!

Ginger Gold



Rootstock: EMLA 7
Flavor: Crisp, mildly tart
Texture: Tender, fine
Chill Hours: 700
Years to Bear: 2-5
Blooms: Mid-late season
Ripens: Late summer

Storage: Less than 1 month

Pollinates: All other apple trees in stock

Resistant to: Apple scab

Uses: Eat fresh. Does not store well

Honeycrisp



Rootstock: EMLA 111
Flavor: Sweet
Texture: Soft
Chill Hours: 800-1000
Years to Bear: 2-3
Blooms: Spring
Ripens: Early fall

Storage: >3 months

Pollinates: Gale gala, ginger gold, Jonaprince, pristine

Resistances: Fire blight, scab, cold

Uses: Fresh eating, baking, storage

Idared



Rootstock: EMLA 111
Flavor: Sweet, tart, juicy
Texture: Crisp
Chill Hours: 800
Years to Bear: 2-4
Blooms: Early season
Ripens: Sept-Oct

Storage: 3 months or more

Pollinators: Honeycrisp, liberty, wolf river

Resistant to: N/A

Uses: Sauces, cooking and baking

Jonaprince



Rootstock: EMLA 106
Flavor: Sweet and tart
Texture: Firm, juicy
Chill Hours: 700-800
Years to Bear: 2-5
Blooms: Midseason
Ripens: September

Storage: 3-4 months

Pollinates: None

Resistant to: N/A

Uses: Fresh eating and baking

Liberty



Rootstock: EMLA 7
Flavor: Sweet, Tart
Texture: Firm, crisp
Chill Hours: 800
Years to Bear: 2-5
Blooms: Mid season
Ripens: September

Storage: 1-3 months

Pollinates: liberty, gale gala, ginger gold, Jonaprince, pristine, Wickson

Resistant to: Scab, fire blight, mildew, scab

Uses: fresh eating, cider, sauce

APPLES

Pristine



Rootstock: BUD 111
Flavor: Spicy, sweet
Texture: Crisp
Chill Hours: Undetermined
Years to Bear: 2-5
Blooms: Midseason
Ripens: Summer

Storage: Less than one month

Pollinates: All other apple trees in stock

Resistant to: Scab, powdery mildew

Uses: Fresh eating, sauce

Red McIntosh



Rootstock: EMLA 7
Flavor: Tart, juicy
Texture: Soft
Chill Hours: 900
Years to Bear: 2-5
Blooms: Early to midseason
Ripens: Aug - Sept

Storage: <1 month

Pollinators: Gala, honeycrisp, ginger gold, idared, pristine, wolf river

Resistant to: Cedar apple rust, cold

Uses: Fresh eating, cider, baking, sauce

Scarlet Spur Red Delicious



Rootstock: EMLA 111
Flavor: Sweet
Texture: Firm, Soft
Chill Hours: 700
Years to Bear: 2-5
Blooms: May
Ripens: Late September

Storage: 1-4 months

Fertility: Pollinator required

Resistances: mildew, juniper rust

Uses: Fresh eating, baking, cider

Wolf River



Rootstock: G890
Flavor: Tart
Texture: Firm
Chill Hours: 1000
Years to Bear: 2-4
Blooms: May
Ripens: Sept - Oct

Storage: <1 month

Pollinates: Jonaprince, gal gala, ginger gold, pristine, royal red honeycrisp

Resistances: cold, scab, powdery mildew

Uses: Baking, sauce

Wickson Crabapple



Rootstock: EMLA 118
Flavor: Sweet, acidic
Texture: firm, coarse
Chill Hours: Undetermined
Years to Bear: 1-2
Blooms: Early - midseason
Ripens: Fall

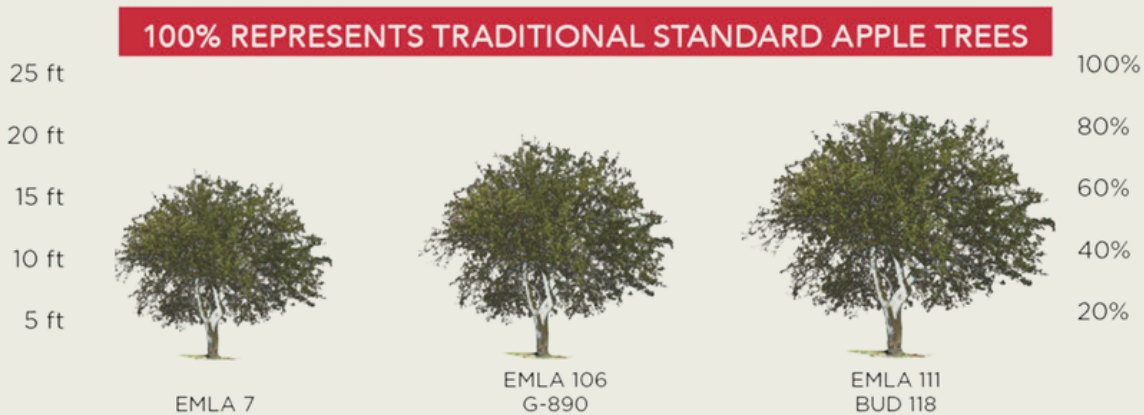
Storage: <1 month

Pollinates: All apples in stock

Resistances: Cold

Uses: Pollination, fresh eating, cider

APPLE ROOTSTOCKS



BUD 118

Bears fruit much earlier than EMLA 111, and does not require any support. Very resistant to winter frost or damage. It is still relatively new, and its susceptibility to fire blight is not well known at this time.

BUD 118 is a very hardy apple rootstock that produces almost a tree 80-85% the standard size.

Trees in Stock: Wickson Crabapple

EMLA 7

The most widely planted freestanding semi-dwarf rootstock. EMLA 7 trees exhibit an open spreading-type growth similar to peach trees in size. The trees size fruit well in a dry season. Trees are relatively well anchored, but support is recommended on weak sites. EMLA 7 roots have a tendency to sucker.

Trees in Stock: Gale Gala, Ginger Gold, Liberty, Red McIntosh

EMLA 106

Somewhat larger than EMLA 7, the EMLA 106 is better anchored. Resistant to woolly aphids, it seldom rootsuckers and performs best on dry sites. It is extremely susceptible to collar rot and should not be planted in wet sites or heavy clay soils.

Trees in Stock: Jonaprince

EMLA 111

A vigorous semi-dwarf, EMLA 111 produces a tree somewhat larger than EMLA 106. Trees are well anchored, delicious, and resistant to collar rot and woolly aphids. A good selection for heavy, poorly drained soils.

Trees in Stock: Honeycrisp, Idared, Pristine, Scarlet Spur Red Delicious

G-890

G-890 is a vigorous, semi-dwarf rootstock with deep growing roots. It grows a tree similar in size to EMLA 106, but exhibits better yield efficiency. G-890 is a cold hardy root, resistant to fire blight and crown rot. Some suckering has been reported.

Trees in Stock: Wolf River

PEARS

Bartlett Pear



Rootstock: OHxF 87
Flavor: Sweet
Texture: Buttery
Chill Hours: 800
Years to Bear: 4-6
Blooms: Early
Ripens: Mid

Storage: >3 months

Fertility: Partially self-fertile

Resistances: Some disease

Uses: fresh eating, baking, canning

Harrow Crisp Pear



Rootstock: OHxF 97
Flavor: Mild
Texture: Firm
Chill Hours: Undetermined
Years to Bear: 1-5
Blooms: Midseason
Ripens: August

Storage: 1-3 months

Fertility: Self-pollinating or with Bartlett

Resistances: Fireblight

Uses: Fresh eating, baking, canning

CHERRIES

Balaton Cherry



Rootstock: Mazzard
Flavor: Tart, sweet
Texture: Firm
Chill Hours: 600-800
Years to Bear: 3-5
Blooms: Spring
Ripens: July

Storage: <1 month

Fertility: Partially self-fertilizing

Resistances: Cracking

Uses: Fresh eating, jam, baking, freezing, cans

Lapins Cherry



Rootstock: Mazzard
Flavor: Sweet
Texture: Firm
Chill Hours: 400-500
Years to Bear: 4-7
Blooms: Mid Spring
Ripens: Summer

Storage: <1 month

Fertility: Self-pollinating

Resistances: Frost, bacterial cankers, cracks

Uses: Canning, jams, cooking, fresh eating

Rainier Cherry



Rootstock: Mazzard
Flavor: Sweet, low acid
Texture: Firm
Chill Hours: 700-800
Years to Bear: 4-7
Blooms: Mid-spring
Ripens: Early-midsummer

Storage: <1 month

Fertility: Requires pollinator

Resistances: Cracks

Uses: Canning, cooking, fresh eating

Rootstock Types

Mazzard

A vigorous cherry rootstock that can take 6-12 years to fully bear fruit. Plant 20-28' between rows.

OHxF 87

For growers who wish to plant a higher density pear orchard. OHxF87 can be planted at 5' in row and 12-14' between rows.

OHxF 97

Produces a standard size, hardy, productive tree. The recommended spacing for plantings on this rootstock is 12' between trees in the row and 20' between rows.

STONE FRUIT

Glohaven Peach



Rootstock: Lovell
Flavor: Sweet
Texture: Firm
Chill Hours: 850
Years to Bear: 2-4
Blooms: Early season
Ripens: August

Soil Type: Loams

Fertility: Self-pollinating

Resistances: Bacterial spot

Uses: Canning

Red Haven Peach



Rootstock: Lovell
Flavor: Sweet
Texture: Firm
Chill Hours: 800-950
Years to Bear: 2-4
Blooms: Late spring
Ripens: July-Aug

Soil Type: Loams

Fertility: Self-pollinating

Resistances: Bacterial leaf spot

Uses: Fresh eating, canning, freezing

Sunglo Nectarine



Rootstock: Lovell
Flavor: Sweet
Texture: Firm
Chill Hours: 850
Years to Bear: 2-4
Blooms: Mid season
Ripens: Early Aug

Soil Types: Loams

Fertility: Self-pollinating

Resistances: Bacterial spot, leaf curl, brown rot

Uses: Fresh eating, canning, freezing

Lovell Rootstock

A peach rootstock that produces a standard size tree with early fruit set and consistent crop. It is compatible with most plum cultivars. Lovell does not tolerate heavy soils and is susceptible to root-knot nematode.

Stanley Prune



Flavor: Sweet
Texture: Firm
Chill Hours: 800
Years to Bear: 3-4
Blooms: Mid-spring
Ripens: Late summer

Soil Type: Sand loam

Fertility: Self-pollinating

Resistant to: Cold, drought, phytophthora

Uses: Canning, sun-drying

GARDEN PLANTS

Asparagus



Variety: Jersey Giant
Matures: 1 year
Spacing: 9-12" apart
Soil pH: 6.8 - 7.2
Soil Depth: 8" deep
When to Plant: Spring

Storage: Keep roots dry, unbundled
Where to Plant: Well drained soil in full sun
How to plant: Place roots flat and spread out
Produce: Large, sweet spears

Blueberries



Variety: Bluecrop/Earliblue
Ripens: June - August
Spacing: 2-4'
Soil pH: 4.5-6.0
Soil Depth: 6" deep
When to Plant: Fall or Spring

Storage: Keep roots moist at all times
Where to Plant: Peat moss in full sun
How to plant: Place roots flat and spread out
Produce: Large, firm and sweet

Grapes, Concord



Color: Blue
Ripens: Mid-season
Spacing: 5'
Soil pH: 5.5-7.0
Soil Depth: 10-12", 6" wide
When to Plant: Fall or Spring

Storage: Store in cool place, keep roots moist
Where to Plant: Full sun
How to plant: Trench roots with main stem half covered by soil. Place vines on trellis 2nd year
Produce: Seedless

Grapes, Niagara



Color: White
Ripens: Fall to freeze
Spacing: 5'
Soil pH: 5.5-7.0
Soil Depth: 10-12", 6" wide
When to Plant: Fall or Spring

Storage: Store in cool place, keep roots moist
Where to Plant: Full sun
How to plant: Trench roots with main stem half covered by soil. Place vines on trellis 2nd year
Produce: Seeded. Sweet, high quality grape

Raspberries



Variety: Heritage
Ripens: July, Fall
Spacing: 2' apart
Soil pH: 6.5-7.0
Soil Depth: 8" deep
When to Plant: Early Spring

Storage: Cool, moist, unbundled
Where to Plant: Well drained soil in full sun
How to plant: Plant top root 1" below ground
Produce: Sweet, produces 2x a year

Strawberries



Variety: Seascape
Ripens: June - July
Spacing: 12-18" within rows, 3-4' between rows
Soil pH: 6.5-6.8
Soil Depth: 6-8" deep furrows

When to Plant: Spring
Storage: Keep refrigerated
Where to Plant: Full sun
How to plant: Roots underground, crown above soil
Produce: Large and firm, day neutral

Recommendations for Garden Plants

- Plants do not require additional fertilizing or mulching. Plant in soil only
- Do not trim roots
- Unless planting right away, store plants unbundled
- Water often, but be careful not to overwater

FLOWERS

Alium



Variety: Bubble Bath
Color: Lavender
Height: 26-28"
Spread: 24-26"
Growth Rate: Medium
Water Use: Low
Soil pH: 5.5-6.2

Soil Type: Variable

Soil Moisture: Allow to dry between waterings

Light Requirements: Full sun to partial shade

When to Plant: Early spring to summer

Bloom Time: Late summer to early fall

Echinacea



Variety: Coral Craze
Color: Lavender
Height: 26-28"
Spread: 26-28"
Growth Rate: Medium
Water Use: Low
Soil pH: 5.5-6.5

Soil Type: Light, loamy soils

Soil Moisture: Well drained soil

Light Requirements: Full sun to partial shade

When to Plant: Early spring to summer

Bloom Time: Midsummer to late summer

Dicentra



Variety: Bleeding Heart
Color: Pink
Height: 30-36"
Spread: 30-36"
Growth Rate: Rapid
Water Use: Average
Soil pH: 5.8-6.4

Soil Type: Rich, loose soils

Soil Moisture: Moist, well-drained

Light Requirements: Full sun to partial shade

When to Plant: Late winter to spring

Bloom Time: Late spring

Heliopsis



Variety: Sundial
Color: Yellow
Height: 48-54"
Spread: 42"
Growth Rate: Medium
Water Use: Average
Soil pH: 5.8-6.4

Soil Type: Average fertile soils

Soil Moisture: Average

Light Requirements: Full sun to partial shade

When to Plant: Late winter to spring

Bloom Time: Midsummer - late summer

Liatris spicata



Sold As: Bulb
Color: Purple
Height: 18-24"
Spread: 12-14"
Growth Rate: Medium
Water Use: Average
Soil pH: 5.8-6.5

Soil Type: Variable

Soil Moisture: Moist, well-drained

Light Requirements: Full sun

When to Plant: Late winter to spring

Bloom Time: Early to midsummer

Hibiscus



Sold As: Root
Color: Pink
Height: 4'
Spread: 4.5-5'
Growth Rate: Rapid
Water Use: Average
Soil pH: 5.5-6.2

Soil Type: Variable

Soil Moisture: Consistently wet soil

Light Requirements: Full to to partial shade

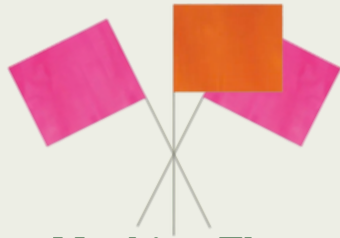
When to Plant: Late winter to spring

Bloom Time: Midsummer to late summer

PLANT CARE



Marking Tape
1 roll -----\$4



Marking Flags
1 flag -----25¢
100 flags ---\$20



Geotex Fabric
\$3.50 per ft.

Woven geotextile fabric designed for weed suppression, water infiltration, erosion control, slope reinforcement and more.

Planting Gel

1 oz -----\$3

Mix with water and dip roots to reduce plant watering by 50%. Reduces plant stress and increases soil aeration. Lasts 3-5 years in soil.



Plantskydd Animal Repellent

Powder Concentrate - 100% powdered pork/cow blood

1 lb. -----\$34

2.2 lbs.-----\$50

Pre-mix Liquid - Ready-to-use spray mixture

1 qt. -----\$22

1.32 gal. -----\$70

Granular - Concentrated pork/cow blood

2 lbs. shaker jug-----\$20

Agriform Fertilizer Tablets

20-10-5 Formula

50¢ each

Provides complete nutrition for trees, shrubs, and ground cover plants for up to two years. Equally effective on new and established plants.



PLANT CARE



Tree Grow Tubes

\$3.75 each

- 100% Recycled polyethylene tubes
- UV Stabilized for 5 to 7 years
- Rigid, Single-wall design with a razor line perforation
- Cuffed top & bottom protects tree and provides stability
- Five Tube Diameter- Range from 3.5"-4.75"
- Permanent Venting- Vents start half way up to allow herbicide spray around the base
- Two pre-inserted releasable UV treated zip ties

Coco Coir Tree Collar

\$3.00 each



Helps plants retain moisture and resist weeds and protects soil.
Made from sustainable coconut fiber.



Tree Planting Bar

\$30.00 each

Excellent for planting seedlings in non-rocky soils. The wedge shaped blade is perfect for creating narrow, deep slits in the soil for young tree roots.

Tree Tube Stakes (48")

\$2.00 each



Treated white pine stakes offering stability and structure for newly planted seedlings. Use with tree tubes for best protection from animals and weeds.

Tree Bud Cap



Helps protect planted trees from browsing deer and other animals. Made from lightweight, biodegradable mesh.

5 caps-----\$3

10 caps-----\$5

25 caps-----\$8