Tree Fact Sheet for Planting Project

Normal text (recommended), *Italic text* (near Building 21), ***Bold Italic text*** (recommened and nearby)

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Tree Species | Native / Exotic | Life Span | Height | Root System | Tap Roots? | Resistant to Salt? | Notes |
| Small Trees: Mature Height ≤ 10 m (~30 ft) | | | | | | | |
| Amanogawa Cherry | Exotic | 10 – 30 yr | 6 – 8 m | Up to 5 m wide | No | No | Grows in a columnar (narrow) shape |
| Amur Maackia | Exotic | 20 – 50 yr | 6 – 10 m | Up to 9 m wide | No | No |  |
| Amur Maple | Exotic | 20 – 50 yr | 3 – 10 m | Up to 6 m wide | No | No | Fast growing, can spread aggressively |
| *Callery Pear* | Exotic | 10 – 30 yr | 7.5 – 10 m | Up to 5 m wide | No | No | Ornamental flowers |
| Eastern Redbud | Native | 10 – 50 yr | 6.5 – 10 m | Up to 11 m wide | No | No | Many flowers |
| *Flowering Dogwood* | Native | 100 – 130 yr | 4.5 – 9 m | Up to 9 m wide | No | No | Looks like a bush |
| Japanese Tree Lilac | Native | 20 – 50 yr | 6 – 10 m | Up to 8 m wide | No | Yes | Tree form of the Lilac shrub |
| ***Kwanzan Cherry*** | Exotic | 10 – 30 yr | 7.5 – 9 m | Up to 9 m wide | No | No | Ornamental flowers |
| Okame Cherry | Exotic | 10 – 30 yr | 6 – 8 m | Up to 6 m wide | No | No | Ornamental flowers |
| Serviceberry | Native | 20 – 60 yr | 5 – 8 m | Up to 8 m wide | No | No | Has berries which are edible by humans and animals |
| Tatarian Maple | Exotic | 20 – 70 yr | 4 – 10 m | Up to 7 m wide | No | No |  |
| Trident Maple | Exotic | 20 – 60 yr | 5 – 10 m | Up to 6 m wide | No | No |  |
| Tree Species | Native / Exotic | Life Span | Height | Root System | Tap Roots? | Resistant to Salt? | Notes |
| Medium Trees: Mature Height 10 - 15 m (~30 - 45 ft) | | | | | | | |
| Accolade Cherry | Exotic | 10 – 30 yr | 4 – 12 m | Up to 8 m wide | No | No |  |
| American Hophornbeam | Native | 20 – 60 yr | 6 – 15 m | Up to 13 m wide | Yes | No | Very resistant to insects and disease |
| American Hornbeam | Native | 20 – 50 yr | 6 – 12 m | Up to 10 m wide | No | No | Leaves change color from spring to summer |
| *Crabapple* | Native | 20 – 70 yr | 4 – 12 m | Up to 12 m wide | No | No | Many varieties |
| Goldenrain-tree | Exotic | 20 – 50 yr | 7 – 12 m | Up to 12 m wide | No | Yes | Drought resistant |
| Hedge Maple | Exotic | 20 – 60 yr | 7 – 11 m | Up to 11 m wide | No | No | Grows fast and aggressively |
| Sawtooth Oak | Exotic | 20 – 80 yr | 8 – 15 m | Up to | Yes |  |  |
| Shantung Maple | Exotic | 20 – 60 yr | 6- 10 m | Up to 8 m wide | No | No |  |
| ***Yoshino Cherry*** | Exotic | 15 – 50 yr | 5 – 15 m | Up to | No |  |  |
| Large Trees: Mature Height > 15 m (> 45 ft) | | | | | | | |
| *American Linden* | Native | 100+ yr | 15 – 24 m | Up to 15 m wide | No | No |  |
| *American Scyamore* | Native | 150 – 200 yr | 23 – 30.5 m | Up to 30 m wide | No | Yes | Very large |
| *American Sweetgum* | Native | 150 – 200 yr | 18 – 24 m | Up to 18 m wide | No | Yes | Seed pods are spikey |
| American Yellowwood | Exotic | 50 – 120 yr | 10 – 25 m | Up to 15 m wide | Yes | Yes | Branches break easily when icy |
| Tree Species | Native / Exotic | Life Span | Height | Root System | Tap Roots? | Resistant to Salt? | Notes |
| Armstrong Freeman Maple | Native | 50 – 100 yr | 13 – 20 m | Up to 13 m wide | Yes | No | A manmade cross between Red and Silver Maples |
| Bur Oak | Native | 100+ yr | 20 – 30 m | Up to 18 m wide | Yes | Yes | Very slow growing |
| *Colorado Blue Spruce* | Exotic | 150 – 200 yr | 9 – 18 m | Up to 6 m wide | Yes | Yes |  |
| *Douglas Fir* | Exotic | 25 – 50 yr | 12 – 24 m | Up to 8 m wide | Yes | Yes |  |
| *Eastern Juniper* | Native | 100 – 300 yr | 9 – 20 m | Up to 8 m wide | No | Yes | Can grow as a bush or tree |
| *Eastern White Pine* | Native | 200+ yr | 15 – 24 m | Up to 12 m wide | Yes | No | Slow growing |
| English Oak | Exotic | 100+ yr | 20 – 30 m | Up to 20 m wide | Yes | No | Very thick trunks |
| *Ginkgo* | Exotic | 100+ yr | 15 – 24 m | Up to 12 m wide | No | Yes | Very resilient |
| Japanese Zelkova | Exotic | 100+ yr | 10 – 25 m | Up to 15 m wide | Yes | Yes | Very resilient |
| Katsura Tree | Exotic | 50 – 150 yr | 10 – 30 m | Up to 10 m wide | No | Yes | Extremely tall, needs lots of water |
| Lacebark Elm | Exotic | 50 – 100 yr | 13- 18 m | Up to 15 m wide | Yes | Yes | Resistant to disease and insects |
| Littleleaf Linden | Exotic | 100+ yr | 15 – 23 m | Up to 13 m wide | Yes | No | Resistant to pollution |
| *Northern Catalpa* | Native | 100+ yr | 12 - 21m | Up to 15 m wide | No | Yes |  |
| Tree Species | Native / Exotic | Life Span | Height | Root System | Tap Roots? | Resistant to Salt? | Notes |
| ***Northern Red Oak*** | Native | 150 – 200 yr | 15 – 23 m | Up to 23 m wide | No | Yes |  |
| *Norwegian Spruce* | Exotic | 100+ yr | 12 – 18 m | Up to 9 m wide | Yes | Yes | Provides good windbreaks |
| ***Red Maple*** | Native | 120 – 150 yr | 12 – 21 m | Up to 15 m wide | No | No | Bright red leaves in fall |
| *Paper Birch* | Native | 30 – 100 yr | 15 – 21 m | Up to 15 m wide | No | Yes | Decorative bark that peels off |
| Silver Liden | Exotic | 100+ yr | 12 – 22 m | Up to 13 m wide | Yes | Yes | Very resilient |
| *Silver Maple* | Native | 100 – 150 yr | 15 – 24 m | Up to 21 m wide | No | No |  |
| Turkish Filbert | Exotic | 50 – 100 yr | 12 – 25 m | Up to 10 m wide | No | No |  |
| Shingle Oak | Native | 100+ yr | 15 – 20 m | Up to 20 m wide | Yes | No |  |
| ***Swamp Oak*** | Native | 100 – 150 yr | 15 – 18 m | Up to 18 m wide | No | Yes | Prefers wet environments |
| Willow Oak | Native | 100+ yr | 15 – 25 m | Up to 20 m wide | No | No |  |