

Chinkapin Oak
Quercus muhlenbergii



Leaf



Fall

General Attributes

| | |
|-----------------|----------------|
| Type | Deciduous Tree |
| Height | 35 - 50 Feet |
| Spread | 35 - 50 Feet |
| Form | Spreading |
| Utility Lines | Incompatible |
| Growth Rate | Slow |
| Life Expectancy | Long |
| USDA Zone | 5 - 7 |
| Root Pattern | Deep Lateral |

Flowers/Foliage/Fruits

| | |
|----------------|----------------|
| Flower Color | Yellow, Green |
| Flower Season | |
| Fruit | Nut |
| Fruit Color | Tan |
| Fruit Season | Fall |
| Summer Texture | Medium |
| Winter Texture | Medium |
| Spring Foliage | Purple |
| Summer Foliage | Yellow Green |
| Fall Foliage | Yellow, Brown |
| Winter Foliage | Not Applicable |

Plant Community

| | |
|-----------------|--------------------------------------|
| Sun | Full Sun |
| Orientation | |
| Soil Texture | Loamy Sand |
| Topography | Upland |
| Plant Community | Savannah |
| Succession | Intermediate |
| Origin | MSA Zone 1, Minnesota, North America |

Soils

| | |
|----------------------|---------------------|
| Salt Spray Tolerance | Sensitive |
| Soil Salt Tolerance | Tolerant |
| Compaction Tolerance | Intolerant |
| Water Table | 24 Inches |
| Drainage | Excessive, Moderate |
| Flood Tolerance | |
| Drought Tolerance | Tolerant |
| Moisture Regime | Dry, Moist |
| pH | 6.6 through 8.0 |
| Windbreak Group | |

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Planting Ease

| | |
|-------------------------|-----------|
| Spring Bareroot | Moderate |
| Fall Bareroot | Difficult |
| Spring Container | Moderate |
| Fall Container | Moderate |
| Spring Seed | |
| Fall Seed | |

Pests/Problems

| | |
|---------------------------|--------------------|
| Allergens | males 8, females 8 |
| Invasiveness | Non-Invasive |
| Toxicity | |
| Cold Injury | Not Susceptible |
| Storm Damage | Not Susceptible |
| Biological Control | |
| Mechanical Control | |
| Chemical Control | |

Comments

Maturity reached between 150-200 years; shorter lived than other upland oaks.



Bark



Immature

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 | |

Miscellaneous

| | |
|--------------------------|-------|
| Wildlife Rating | High |
| Insect Concerns | Major |
| Disease Concern | Major |
| Wildlife Concerns | |