

Fast Growing Lawn Trees







Cambridge Tree Trials

Data Gathering

A	BC	D	E	F	G	Н	1	J	K	L	M	N	0	P	Q	R	S	
pecies	Planting Location			Height														
			2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Sycamore	205 E	North St	60	79	137	195	235	270	325	384	468	528	540	564	624	648	660	
Im 'Morton Glossy'	312	Park St			107	136	204	222	254	282	336	372	396	408	432	444	456	
Honeylocust 'Moraine'	114 E	Elm St										288	336	360	372	408	444	
Oak, Swamp White	302 E	North St		142	175	217	251	288	306	324	350	384	396	414	420	432	444	
Tuliptree	302 E	North St	96	109	133	165	197	229	261	293	325	360	408	420	432	432	432	
Catalpa	200	Park St	36	41	88	146	196	240	270	306	330	360	384	390	396	408	420	
Oak, Chinkapin	299 E	North St	30	66	93	155	198	225	240	264	288	306	324	348	372	384	414	
Oak, Red	202 E	Elm St			68	95	113	132	149	194	206	240	288	336	360	378	396	
Baldcypress	310 E	North St	36	48	61	84	131	162	184	216	252	276	288	312	348	378	390	
Coffeetree, KY	106 E	North St		88	90	93	104	144	172	196	228	276	300	336	360	366	372	
London Plane 'Exclamation'	417 W	Water St						54	82	120	167	216	264	324	330	360	372	
Oak, Pin	119	Scott Rd						96	122	162	208	240	252	270	312	356	360	
Katsuratree	302 E	North St	96	105	110	120	133	162	174	185	228	264	284	312	330	342	348	
Elm, Lacebark 'Hallelujah'		PARK - Westside			45	52	84	120	148	172	178	228	264	300	330	330	330	
Pecan		PARK - Westside			38	53	84	114	117	160	166	194	228	276	288	312	324	
Oak, Chestnut	208	Park St								48	82	142	216	252	264	288	306	
Ginkgo	101 S	High St			122	124	124	144	158	170	198	216	228	258	272	294	300	
Chokecherry, Amur TREES ⊕	501 W	Water St					146	154	156	161	199	216	252	264	276	288	288	

Cambridge Tree Trials

TREE RECORDS

- 1,231 individual trees
- Tree record attributes
 - Status (dead or alive)
 - Height (updated annually)
 - Cultural notes

GROWTH RATES

- 7033 measurements taken
- 5315 growth figures

OVERALL RESULTS

- 83% survival
- 18.5" annual growth









Platanus occidentalis

This tree:

2006: 6 ft tall

2020: 55 ft tall

43" annual growth



Pro Tip:

When Planting...

Build soil moat, fill up two times with water!



Platanus occidentalis

Years to shade...

...one Story House: 5

...two Story House: 10



Platanus occidentalis

This tree:

2006: 5 ft tall

2020: 45 ft tall

34" annual growth

-32 tolerant









Taxodium distichum



Taxodium distichum

Eight years later...
20 feet high
28" annual growth



Taxodium distichum

This tree:

2006: 3 ft tall

2020: 32 ft tall

24" annual growth



Fall Color Fissured Bark

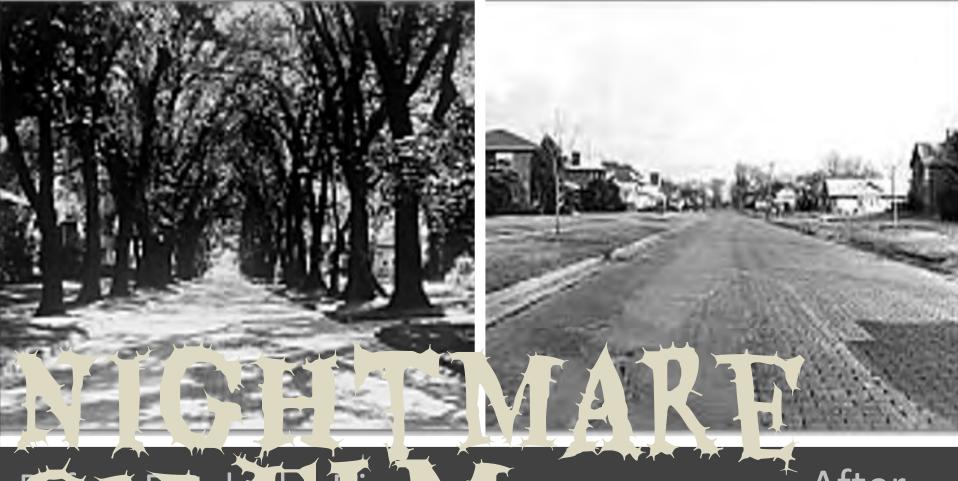
Baldcypress





"No Rake" Leaves

Small Seed Cones



STREET STREET

After...





Elm

Ulmus x

This Tree:

2008: 9 feet

2020: 38 feet

Annual Growth: 29"





Shiny Leaves

Bark

Elm



'Morton Glossy'

'Frontier'

Elm Fall Color





Kentucky Coffeetree

Gymnocladus dioicus

Open, airy form allows grass to thrive!

Wisconsin Native

Grows anywhere except swamps!





Ornamental Bark

Purple Seed Pods

Kentucky Coffeetree





Early Summer Flowers

Summer Leaves

Kentucky Coffeetree



Kentucky Coffeetree

Gymnocladus dioicus

Yellow Fall Color

Tough!

Annual Growth: 15" poor sites 26" good sites





Sweetgum

Liquidamber styraciflua

Hardy Cultivars: 'Moraine' 'Worplesdon'

Annual Growth:

Overall: 17"

Better Soils: 24"





Ornamental Bark

Glossy, Disease Free Leaves

Sweetgum





Seed Pods Form

Sweetgum



Birch



River Birch

Betula nigra

Wisconsin Native

Habitat: flood plains



River Birch

Betula nigra

Tough

Fast Growth:

Overall: 32" annually

Better Soils: 38"!



Dawn Redwood

Metasequoia glytostroboides

Annual Growth: 18" overall 24-36" on good sites



Dawn Redwood





"No Rake" Leaves

Small Seed Cone

Dawn Redwood



Red Oak

Quercus rubra

Native



Red Oak

Quercus rubra

Long Lived

Canopy Tree



Red Oak

Quercus rubra

Annual Growth:

Shade: 8"

Sun: 20"

Fall Color



Catalpa

Catalpa speciosa

Orchid-Like Flowers





Tropical Looking Leaves

Seed Pods

Catalpa



Catalpa

Catalpa speciosa

Extremely Tough!

Annual Growth: 28"



Buckeye & Horsechestnut

Aesculus spp.

99% survival: 67 of 68 alive

Ohio Buckeye Flowers



Red Buckeye

Aesculus pavia

18" annual growth



Common Horsechestnut

Aesculus hippocastanum

12" annual growth



Ohio Buckeyes

norsecnestnut s

Buckeye / Horsechestnut



American Chestnut

Castenea dentata



Red Horsechestnut

Aesculus xcarnea

This tree's growth

2006: 4 ft tall

2020: 23 ft tall

16" annually (with water and mulch)



Liriondendron tuliperfera

Planted 2006: 7 ft. tall



Liriondendron tuliperfera

2013: 24 ft. tall



Liriondendron tuliperfera

2018: 37 ft. tall

Annual Growth: 32"



Liriondendron tuliperfera

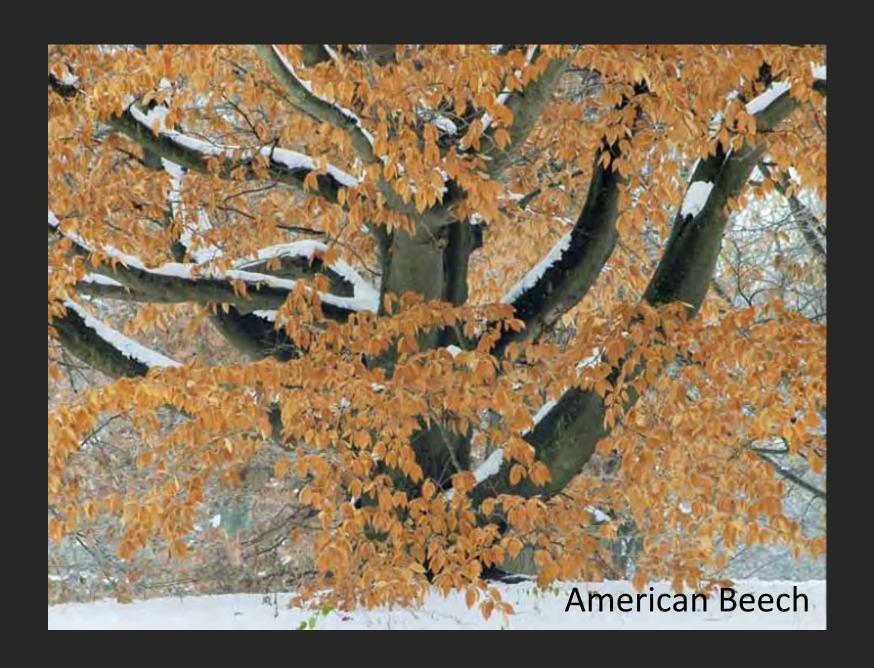
Early summer flowers



Liriondendron tuliperfera

Fall Color







American Beech

Fagus grandifolia



American Beech

Fagus grandifolia



Cercidiphylum japonicum



Cercidiphylum japonicum

Juvenile Growth Rate: 2-3 ft. annually

This tree:

2006: 8 ft. tall

2020: 29 ft. tall

Annual Growth: 29"

Drought Intolerant (when young)



Cercidiphylum japonicum

Juvenile Growth Rate: 2-3 ft. annually

Shade Tolerant



Cercidiphylum japonicum

Ornamental Bark



Cercidiphylum japonicum

Fall Color

