

# DRI 677 Verizon Tower Height Extension Tree Height Analysis



Type of Tree	Height (ft)
Conifer	74.8
Conifer	57
Deciduous	57
Deciduous	57
Deciduous	63.4
Deciduous	~58
Deciduous	55.1
Deciduous	56
Deciduous	56
Conifer	65
Deciduous	49
Conifer	52
Deciduous	58
Both	~61
Conifer	61
Deciduous	62.34
Deciduous	55.77
Deciduous	45.93
Conifer	70
Conifer	~65
Conifer	64
Conifer	57

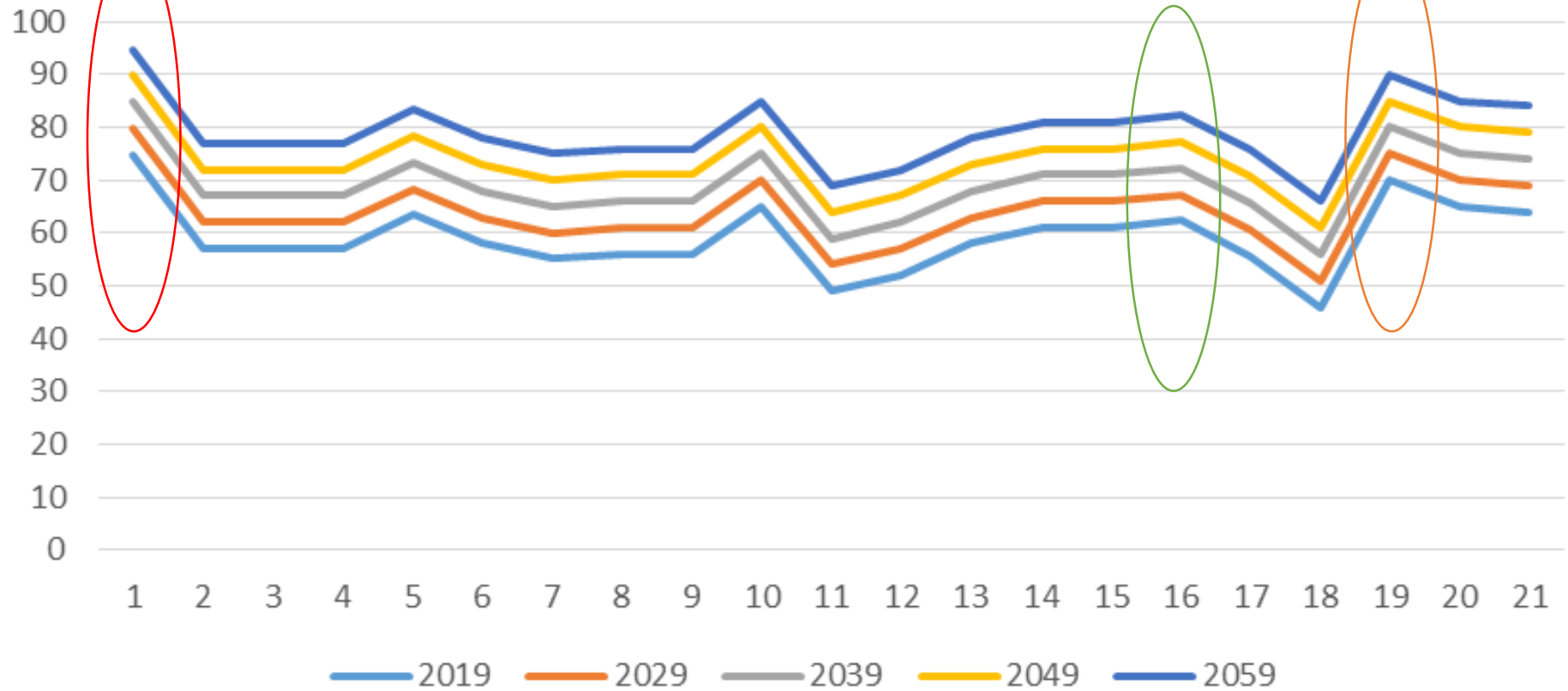


Deciduous Trees: 12  
Currently 45.93-63.4 feet tall



Conifers: 9  
Currently 52-74.8 feet tall

### Tree Growth 2019-2049



Tallest tree (conifer) is currently 74.8 feet tall; will be approximately 94.8 feet tall in 2059

Second tallest tree (conifer) is currently 70 feet tall; will be approximately 90 feet tall in 2059

Tallest deciduous tree is currently 62.34 feet tall; will be approximately 82.34 feet tall in 2059

# Tallest Conifer Growth 2019-2059, Assuming 6" of growth per year

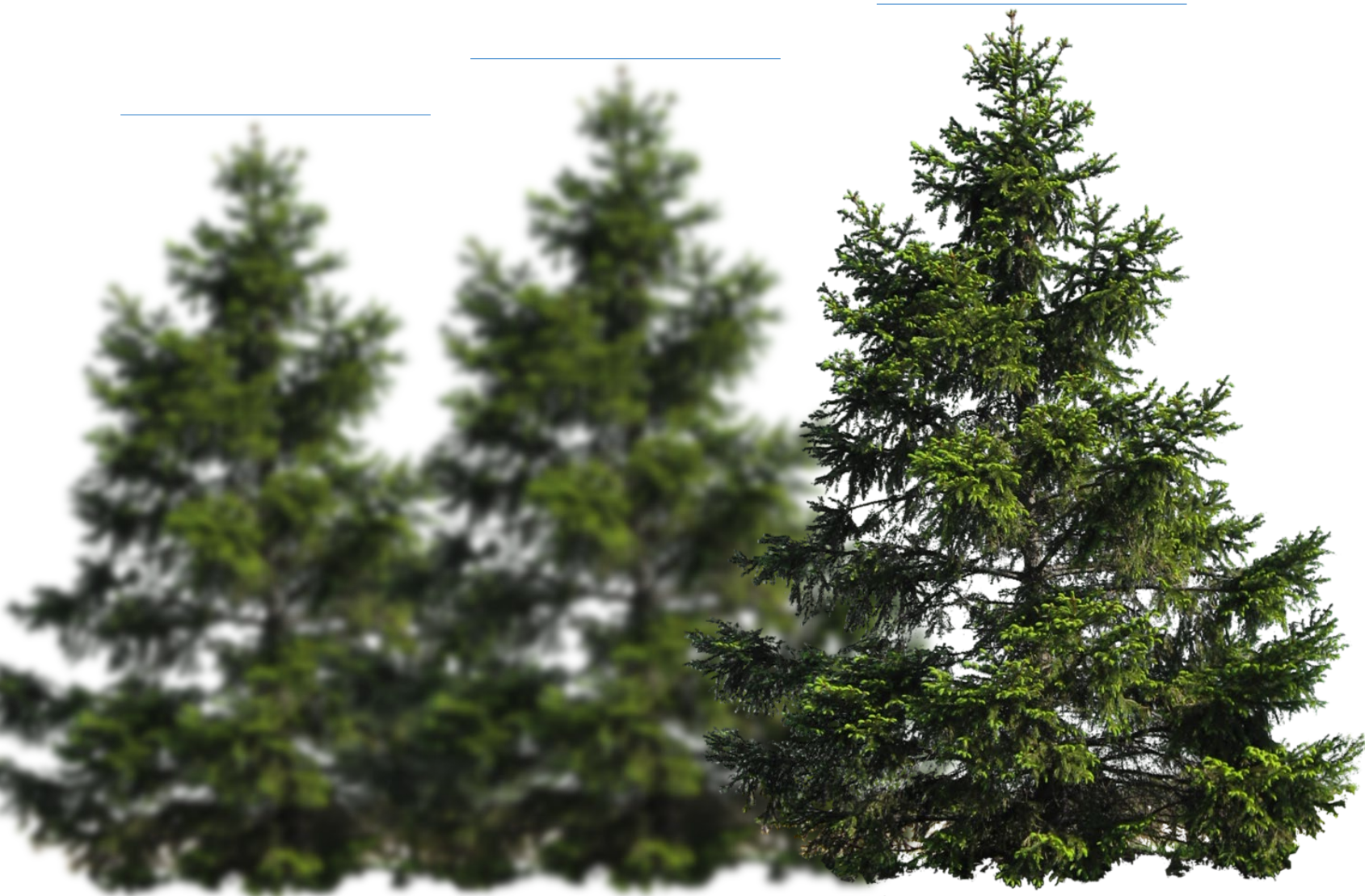


2019: 74.8 feet



2019: 74.8 feet

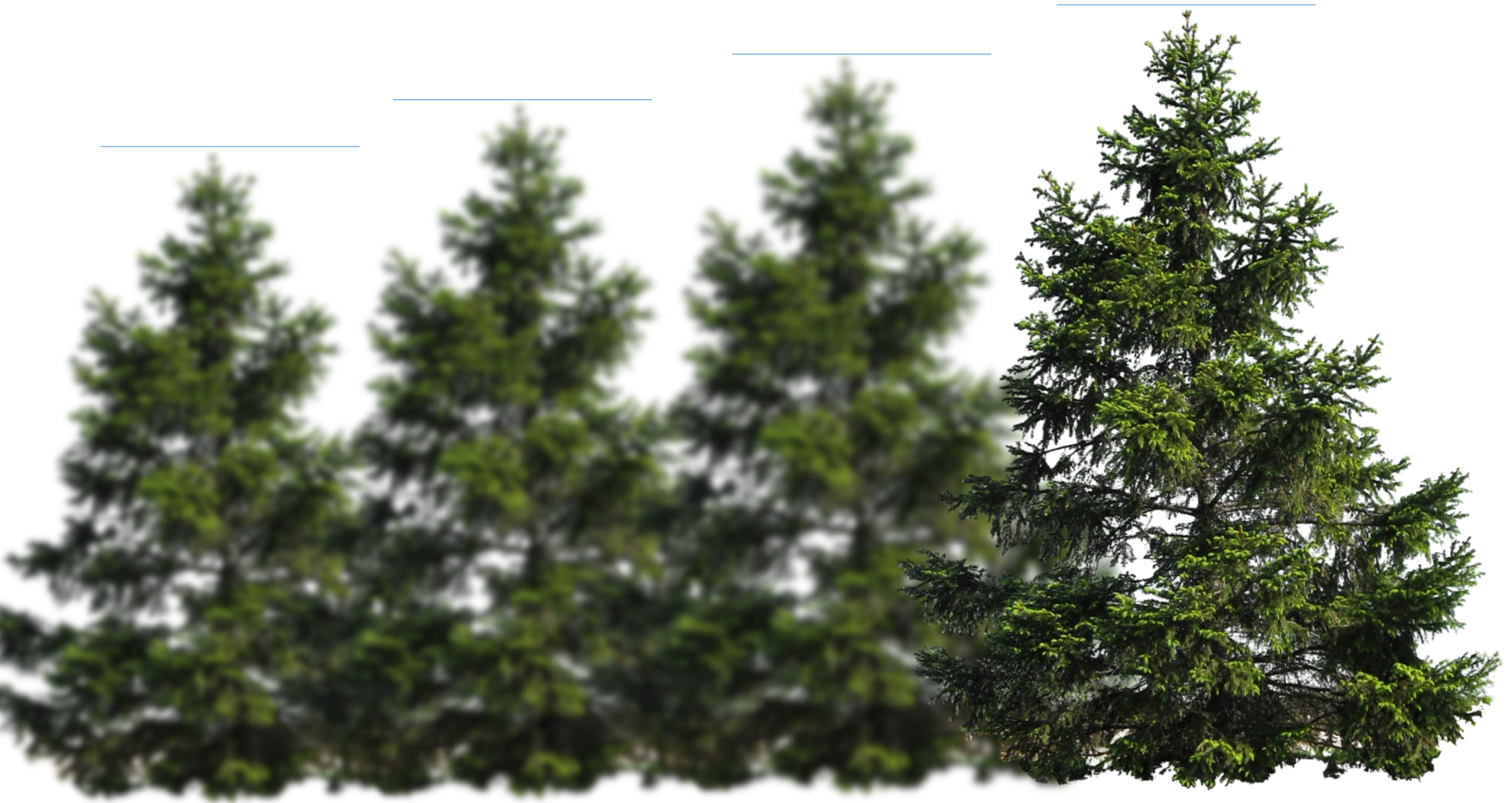
2029: 79.8



2019: 74.8 feet

2029: 79.8 feet

2039: 84.8 feet

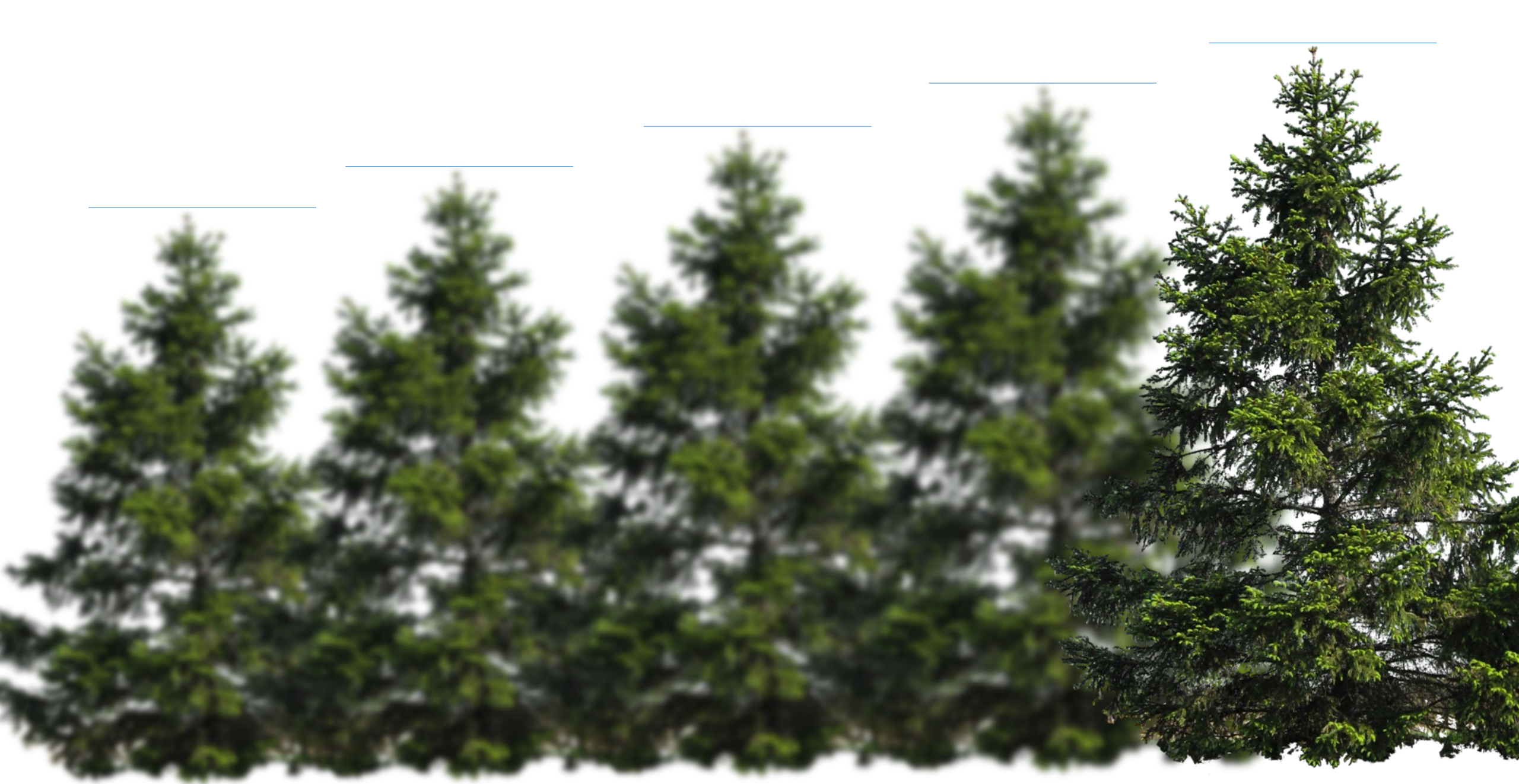


2019: 74.8 feet

2029: 79.8 feet

2039: 84.8 feet

2049: 89.8 feet



2019: 74.8 feet

2029: 79.8 feet

2039: 84.8 feet

2049: 89.8 feet

2059: 94.8 feet



# Tallest Deciduous Growth 2019-2059, Assuming 6" of growth per year



2019: 62.34 feet



2019: 62.34 feet

2029: 67.34 feet



2019: 62.34 feet

2029: 67.34 feet

2039: 72.34 feet



2019: 62.34 feet

2029: 67.34 feet

2039: 72.34 feet

2049: 77.34 feet



2019: 62.34 feet

2029: 67.34 feet

2039: 72.34 feet

2049: 77.34 feet

2059: 82.34 feet

	Tree Height	Growth Rate	Feet to Grow to Get to 80 feet	Years to Grow to 80 feet	Feet to Grow to Get to 90 feet	Years to Grow to 90 feet	Feet to Grow to Get to 100 feet	Years to Grow to 100 feet
Tallest Tree	74.8 feet	6" per year	5.2	<b>10.4 years</b>	15.2	<b>30.4 years</b>	25.2	<b>50.4 years</b>
		4.5" per year		<b>13.9 years</b>		<b>40.5 years</b>		<b>67.2 years</b>
		3" per year		<b>20.8 years</b>		<b>60.8 years</b>		<b>100.8 years</b>
Second Tallest	70 feet	6" per year	10	<b>20 years</b>	20	<b>40 years</b>	30	<b>60 years</b>
		4.5" per year		<b>26.7 years</b>		<b>53.3 years</b>		<b>80 years</b>
		3" per year		<b>40 years</b>		<b>80 years</b>		<b>120 years</b>