Growing Healthy Trees

Site Selection, Utilities and Placement

CONSOLIDATED COOPERATIVE

David Tidd

Consolidated Cooperative

Systems Arboist

dtidd@consolidated.coop

Things to Consider before Planting

- What are you trying to accomplish?

- Correct size tree for planting area?

- Tree Shape?

- Location of Utilities?

What are you trying to accomplish?

Energy Efficiency

- Reduces summer heat. Plant deciduous shade trees on west and south side of house.
- Block winter winds. Plant Evergreen on north and west side

What are you trying to accomplish?

Plant small trees under power lines.

Plant trees to shade your roof, walls, windows and air conditioner. *

Plant fruit trees for edible fruit and to attract wildlife.

Plant to screen undesirable views.

Plant flowering trees – for accent and beauty.

Shading the west and south sides of your house is best for lowering your utility bills.

Plant recommended street trees to help improve your neighborhood.

Correct size tree for planting area?

Mature Height?

Mature Spread?

Mature Height?

Mature Northern Red Oak

60 – 75 ft.

Mature Flowering Dogwood

15 – 20ft.

Mature Spread?

Mature Sugar Maple

40 – 50ft wide

Arborvitae Varieties

Widths of 3 ft.

Tree size classification

- Small Tree – Mature Height up to 25 feet. Mature Spread up to 25 feet.

 (Apple, Crabapple, Eastern Red bud, Dogwood, Serviceberry, Pawpaw, and Juniper)

- Medium Tree – Mature Height up to 40 ft. Mature spread 30 ft.

(Washington Hawthorn, Goldenraintree)

- Large Tree – Mature Height > 40 ft. Mature spread > 30 ft.

(Oaks, Maples, Pines, Spruces)

Tree Form (Shape)?
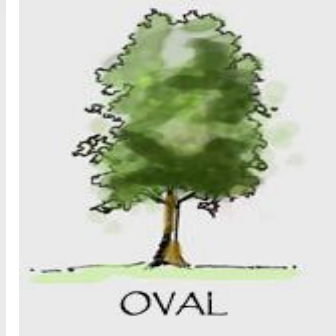
Wrong Tree Wrong Place

All kinds of problems here

White Pine cut in half because of overhead electric lines

Location of Utility Lines

- Over head electric
- Under ground electric
- Gas lines
- Water Lines
- Tele communication lines

Overhead Electric Lines

Underground Electric

Trees Planted on Gas line

How trees can prevent first responders from getting to underground pipelines in an emergency or natural disaster

Trees can block firefighters and [ ] emergency response crews from getting to the pipeline and making it safe in emergency situations—when every second counts.

Tree roots can also damage gas pipelines and cause public safety concerns.

Tree Planted on top of Water lines

Always!

Right Tree Right Place
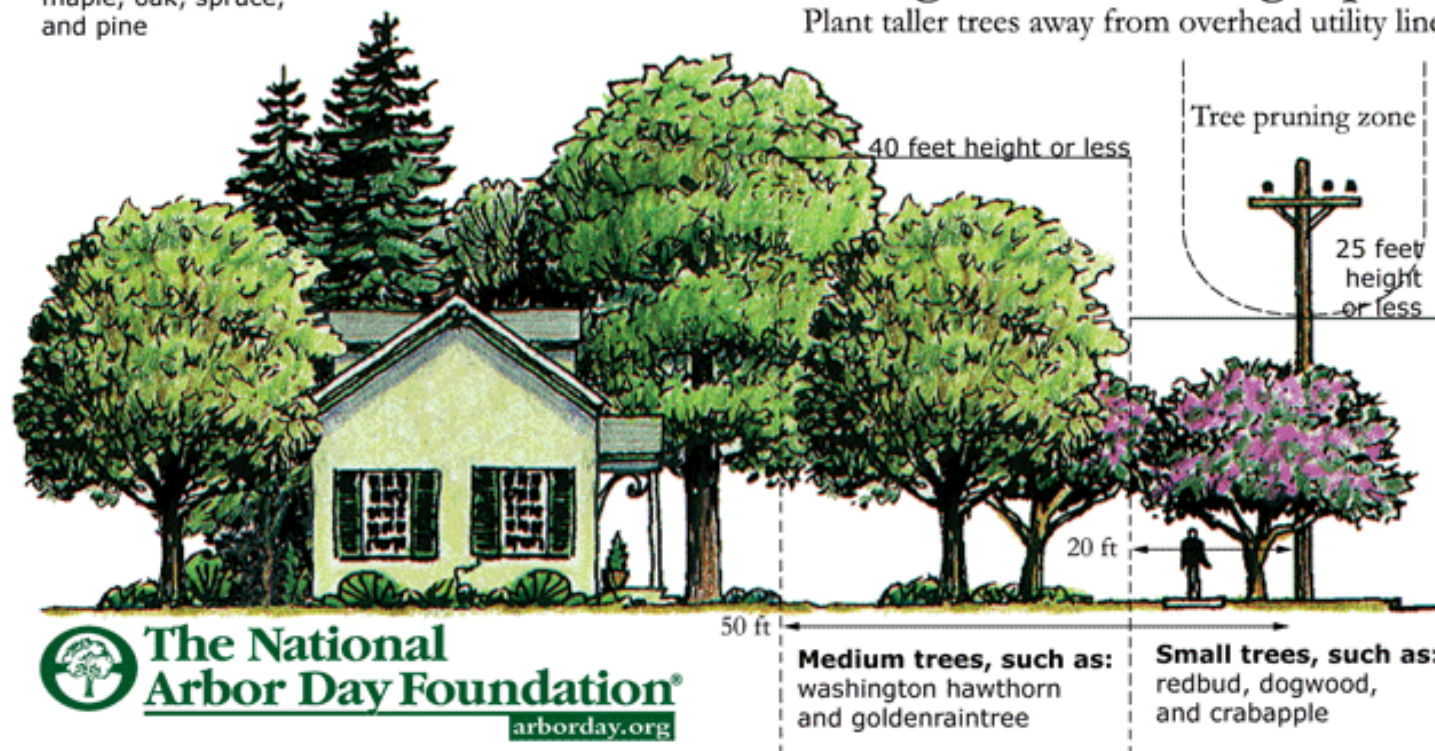
Thank You

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