

Up By Roots

Healthy Soils and Trees in the
Built Environment

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2009 ASLA Honor Award

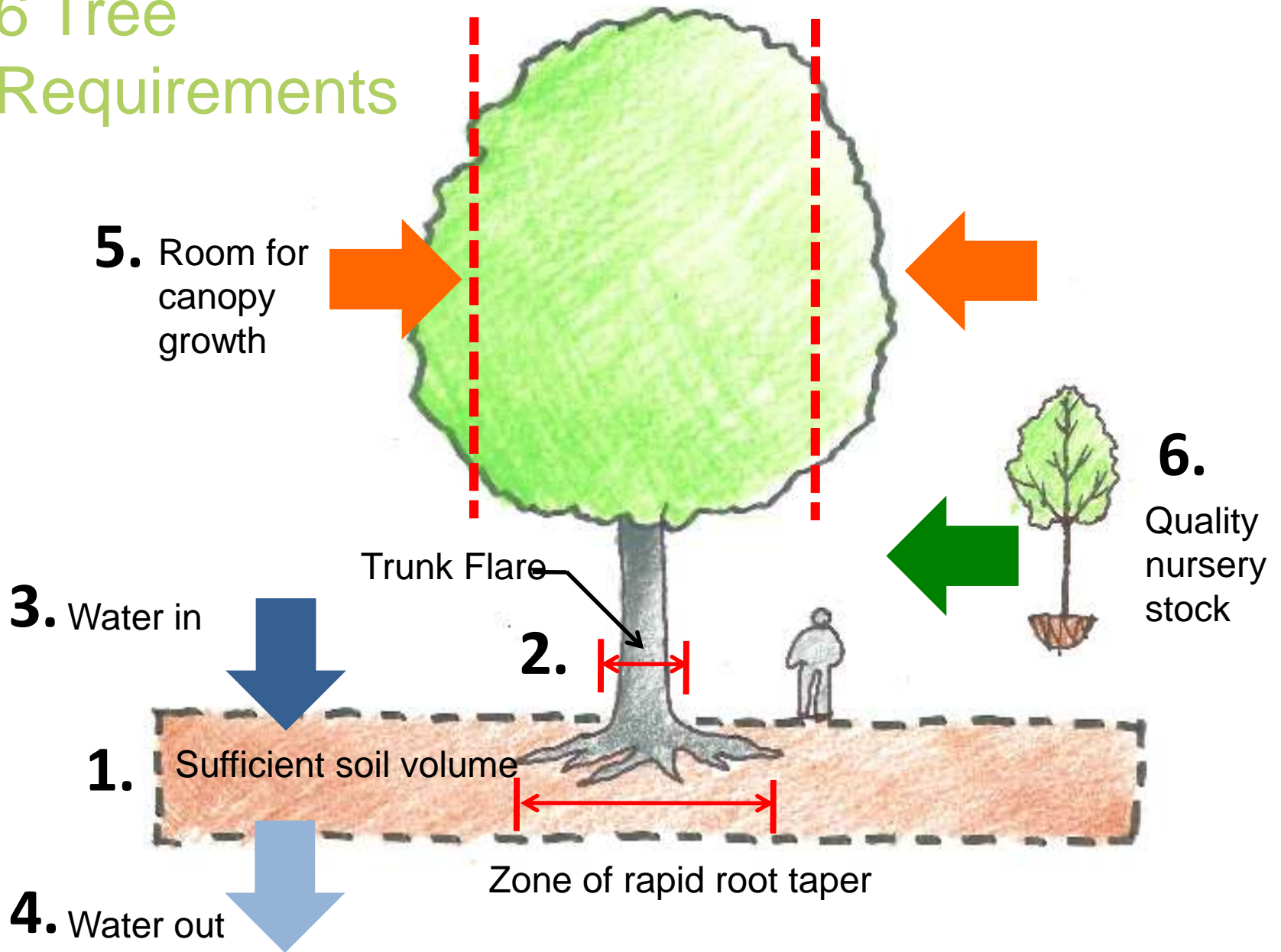


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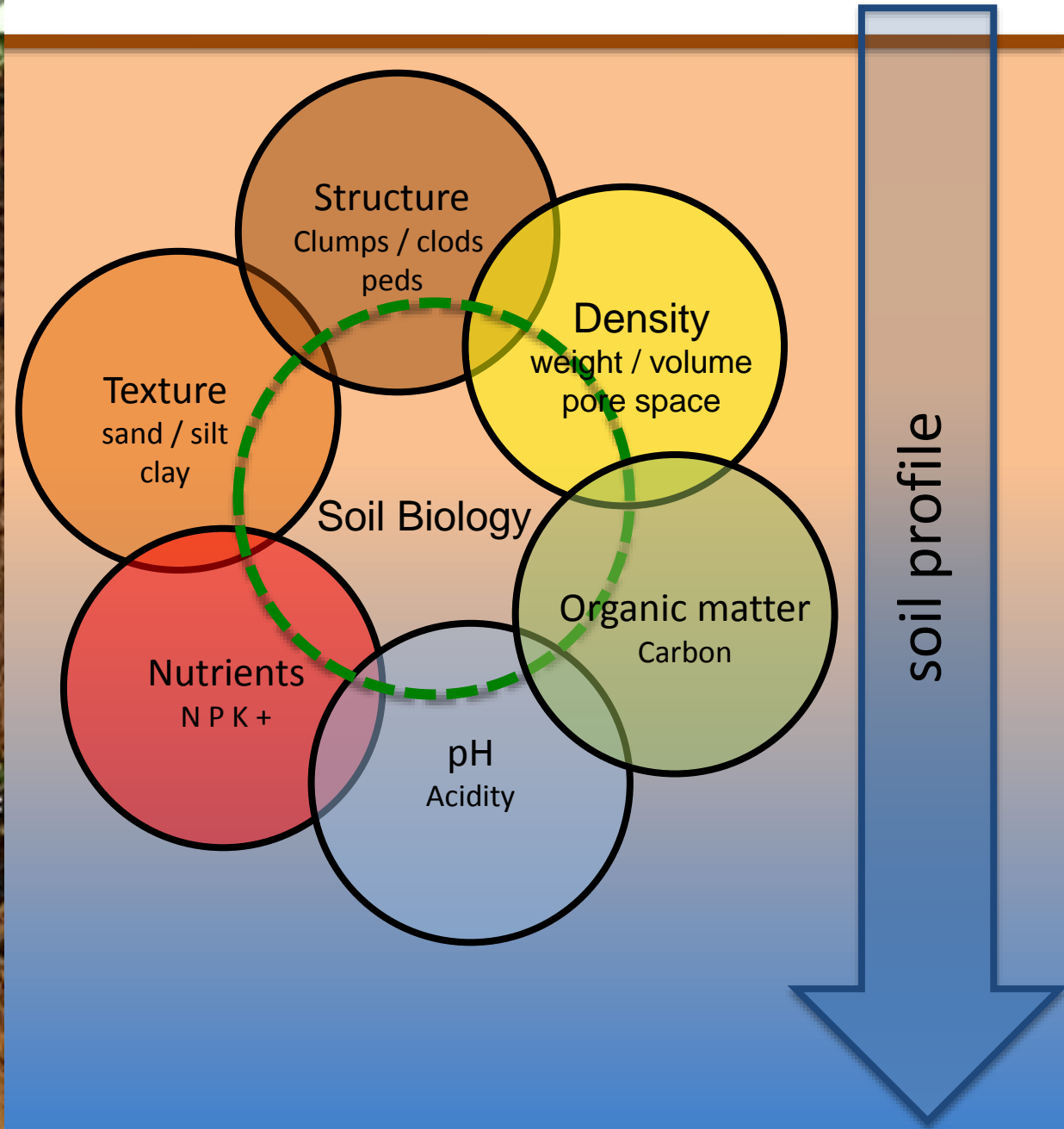
6 Tree Requirements



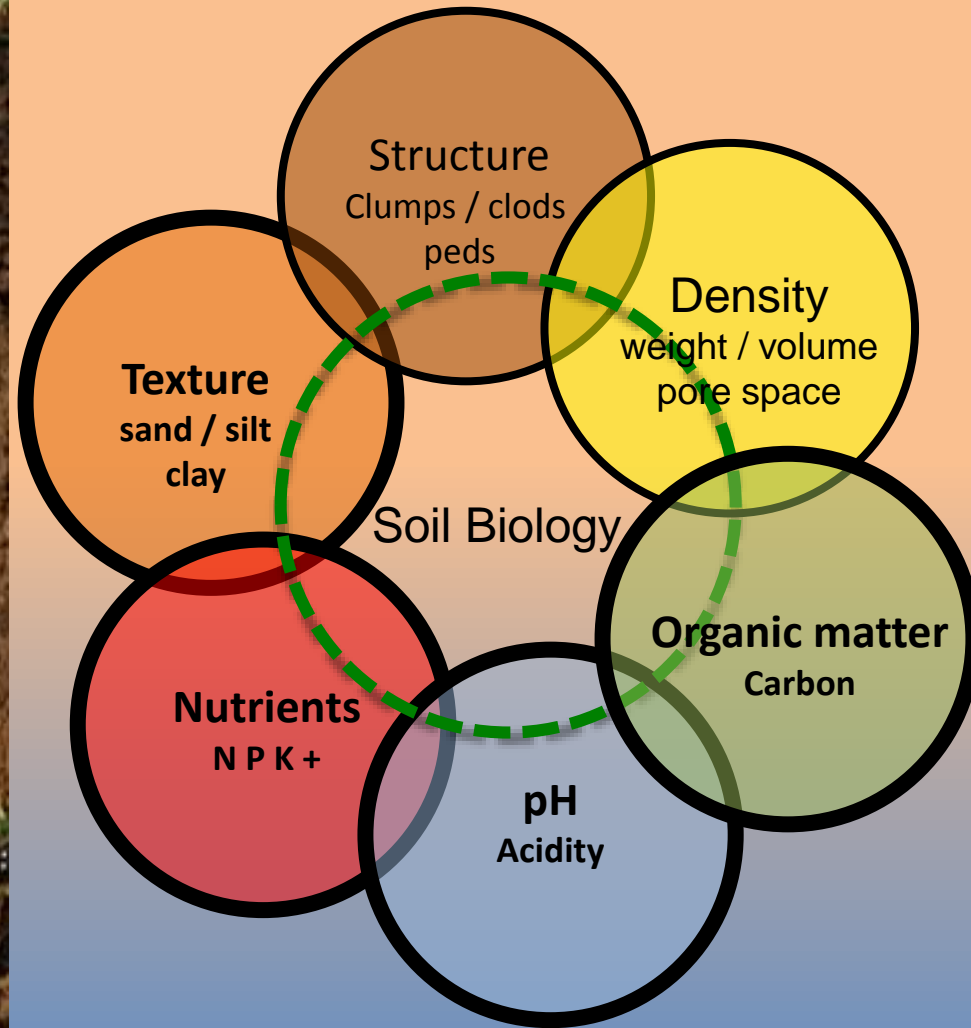


Quality Nursery
Stock
Problems below the
soil line

The 8 Critical Properties of Soil



The 8 Critical Properties of Soil



Only 4 of the 8 properties of soil are typically tested

soil profile



SOIL OR DIRT?

SOILS ARE MORE THAN DIRT. Dirt is a unique mixture of minerals, air, water, and living and dead things. The possibilities are almost endless—bugs, bacteria, fungi, feces, nematodes, worms, roots, rotting plants, ice, minerals...

SOILS HAVE HISTORY! Their colorful, exotic layers give us clues to how they have changed over time.

Soils are more than the sum of their parts.

If you put soil in a truck it becomes dirt!

Respected soil scientist



Priceless but cheap soil



Expensive dirt



But there are still many places where there is good usable soil even in NY!



But not always.....



Are we sometimes making the soil conditions worse!

Re-Thinking Existing Soil

Have fun today!
Touch, feel, smell, and
look at soil.

