

Summer Edition

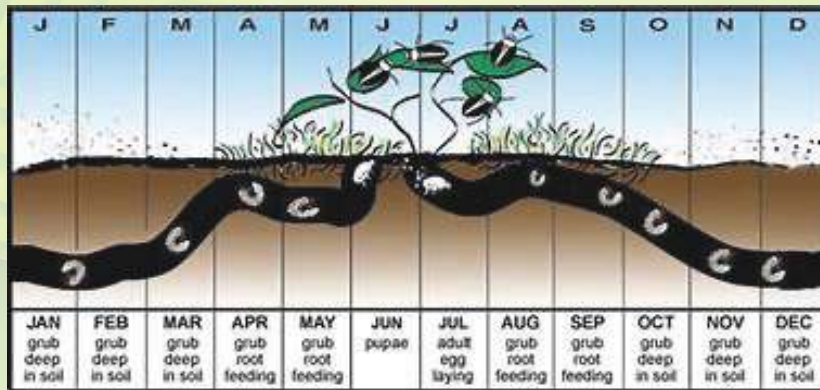


Serving Chester, Montgomery and Delaware Counties for over 35 yrs.

Jeffrey Lang/Keith Critchley - Owners  
Gary Frain - Operations Manager  
Miles Lang - Pest Control Manager  
Nate Derix - Field Manager  
Michael Shaner - Tree/Shrub Manager

# Lang's Tree/Shrub Care

## Japanese Beetle Life Cycle



The Japanese Beetle life cycle actually begins in late summer and consists of four stages: Egg, Larva, Pupa and Adult. Females begin laying eggs shortly after emerging from the soil in July. The female will alternate between feeding and mating, laying approximately 40 eggs during this period. The eggs are laid 2-4" deep in moist soil. A wet summer will benefit this process more so than a period of summer drought. By August the eggs will have developed into the larval or grub stage which begins to feed heavily on the roots of turf grass. ***This is the life stage targeted by your preventative grub control applied as a part of your Lawn Care Program!*** The larval stage continues to develop deep in the soil over winter and into spring when they begin to move back to the surface. While they still do some feeding on root systems at this time, the vigorous growth of turf

in spring offsets any damage. Once the larva or grubs are fully developed, they enter the pupation stage and become adults. The adults emerge and immediately begin mating and feeding on ornamental plants. ***This is the stage targeted by your Tree/Shrub Care Program!*** It is important to understand that the preventative grub control treatment will not prevent the adult stage from hatching. It prevents the following larval stage from damaging turf.

### ORNAMENTAL PLANTS FAVORED BY JAPANESE BEETLES:

Linden, Purple-leaf Plum, Rose, Cherry, Crepe Myrtle, Rose of Sharon, Sand Cherry and many others.

*Beetle bags ATTRACT beetles to your landscape so place them as far away from valuable ornamentals as possible!!!*

**Tree Facts** The oldest living organism in the world is a colony of quaking aspen called Pando, or "The Trembling Giant," in Utah—still going strong after 80,000 years. It spans 106 acres, and although it appears to be comprised of individual trees, all of the trees are connected by the roots and all are identical clones of each other, making them, technically, a single organism.

610-647-6001 or 610-647-TREE (8733)

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## PROPER PRUNING TECHNIQUES

Improper pruning can lead to a lot of headaches down the road including decline and possible failure of the plant. Make sure you do some research before you grab the shears and "have at it". There are many things to consider before making that first cut. In general,

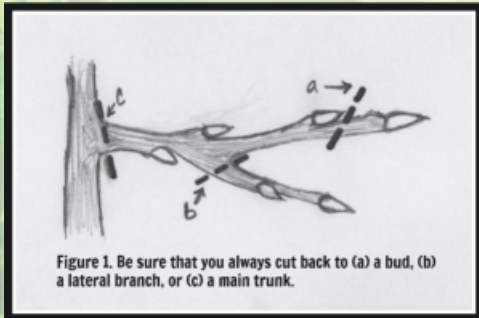
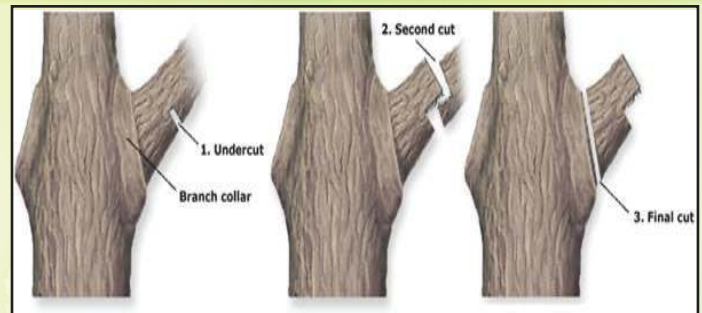


Figure 1. Be sure that you always cut back to (a) a bud, (b) a lateral branch, or (c) a main trunk.

always cut back to a viable bud (a.) or branch (b.). You may choose to remove a branch all the way back to the main trunk (c.). When cutting back to a branch, make sure the branch you are leaving is at least 1/3

the size of the branch you are removing. In this way you can not only shape a plant, but redirect growth to where it's desired. When making larger pruning cuts it is best to work in stages. This removes excess weight so that your final cut does not rip or tear. Take some time to plan your attack . . . .once you remove something you can't put it



back! Start small and work your way inward.

A final word about pruning: While shearing is a popular pruning method it can lead to a lot of stress issues and drastically reduce the plants lifespan. The interior of a sheared shrub has greatly reduced air flow which will contribute to insect and disease issues. Shearing also produces an excessive number of wounds which may not heal properly causing on going stress issues. This type of pruning often results in a flush of new growth which uses up a lot of valuable nutrients which leads to more stress. The amount of foliage removed reduces the plant's ability to photosynthesize energy which results in . . . . . you guessed it! MORE STRESS!! If at all possible, prune to enhance the plants natural growth habit, not change it!

## Summer Pests Got You Down?

Summer is too short to be bothered by irritating pests. Whether you are being attacked by wasps, swarmed by mosquitoes, or ants are trying to ruin your picnic;

Lang's Pest Control has the solution!  
Our highly customizable programs can target:

- Mosquitoes
- Fleas and Ticks

- Ants
- Crickets
- Wasps and Yellow Jackets
- Mice, Rats, and Voles
- Red Clover Mites
- And much more!

**Call today for your free estimate!**

**JUST FOR FUN...** The best time to plant a tree is twenty years ago. The second-best time is now." *Chinese proverb*

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