

SPACING OF LANDSCAPE PLANTS

Proper spacing for landscape plants often seems to create confusion. There is no uniform recommendation for exactly how far apart plants should be placed as actual spacing depends on

- what effect is to be achieved,
- the ultimate mature size of a plant, and
- how it is to be pruned and maintained.

In addition to the way plants are used for landscape effect, plant spacing may vary with the gardening budget. We want to get the maximum effect from the minimum number of plants. On the other hand, we want to place trees and specimen shrubs so they may develop fully without crowding each other, the house, or other structures.

Before selecting the exact spot for a tree or shrub, determine what the ultimate size of each plant will be. Nursery personnel, catalogs, garden books, and Extension publications are all sources of such information. Specific varieties may indicate altered plant form from spreading to upright, weeping, or dwarf. Very new varieties may not be found in books, so get information on the specific plant size at the point of purchase.

PLANT FORM

Some plants, such as shrubs and round-headed trees, grow about as wide as they grow tall. If figures for width cannot be found, estimate from the ultimate height. A plant that grows between 5 and 10 feet tall might be planted 7 to 8 feet apart. A shrub that grows 2 to 5 feet tall may require spacing of about 3 feet. Not all plants fit such a generalization. Very low plants often spread considerably more than their height, and upright plants do not have a spread anywhere near the height.

PLANT SPACING FROM OTHER PLANTS OR OBJECTS

Placement from the house or from other like shrubs is about one-half the ultimate spread. For two different plants, placement from each other is one-half of the total spread for both plants. E.g.: Small shrubs should be planted at least 2 feet from a house foundation, medium shrubs about 3 feet, and tall shrubs 4 to 5 feet away. An 8-foot shrub should be spaced about 7 feet away from a 6-foot shrub.

HEDGE SPACING

Spacing plants in hedges is another matter. Plants must be spaced closer together to form a full, dense screen. Low hedge plants (3 to 4 feet high) should be spaced about 18 inches apart. Tall hedge plants will need to be spaced 3 to 4 feet apart.

GROUNDCOVER SPACING

Low ground cover plants may be spaced in regard to how fast a complete cover is wanted. Cost may also be a determining factor. Remember that 100 plants at 6-inch spacing will cover about 25 square feet of bed area. At 12-inch spacing, they will cover 100 square feet, and at 25 inch spacing they will cover about 400 square feet.

TREE SPACING

Trees, especially large shade trees, should be placed well away from the home to avoid later maintenance problems. Strong-wooded shade trees, such as oaks, should be planted no closer than 20 feet from the house, but soft-wooded trees, such as soft maple, should be planted at an even greater distance. Large shade trees should be planted about 50 feet from each other.

Trees of medium size, such as red maple or river birch, should be spaced about 35 feet apart. Small trees, such as dogwood, redbud, hawthorn, or drab, may be planted 15 to 20 feet apart and no closer than 8 feet from the house when used as an accent or corner planting.