

Optimum PH Levels for Crops

Flowers, Trees & Shrubs:

Azalea 4 ½ – 5 ½
African Violet 6 – 7
Ageratum 6 – 7
Alyssum 6 – 7
Anemone 6 – 7 ½
Arborvitae 6 – 7
Aster 5 – 6
Amaryllis 5 – 6
Alder 6 – 7
Andromeda 5 – 6
Ash 6 – 7
Begonia 5 ½ – 6 ½
Butterfly Bush 6 – 6 ½
Bottlebrush 6 – 7 ½
Birch 4 ½ – 6
Bayberry 4 ½ – 6
Beech 6 – 7
Boxwood 6 – 7
Batchelor Button 6 ½ – 7 ½
Cedar 5 – 7
Cypress 5 – 6
Cottoneaster 6 – 7
Cottonwood 6 – 7 ½
Chestnut 5 – 6 ½
Carnation 6 – 7 ½
Caladium 5 ½ – 6 ½
Canna 6 – 7 ½
Croton 5 – 7
Chrysanthemum 5 ½ – 6 ½
China aster 5 – 7
Dogwood 6 – 7
Daffodil 6 – 8
Dahlia 6 – 7
Delphinium 6 – 7 ½
Deutzia 6 – 7
Daphne 5 ½ – 6 ½
Elm 6 – 7
Euonymus 6 – 7
Eucalyptus 6 ½ – 7 ½
Forsythia 5 ½ – 6 ½
Fir 5 ½ – 7
Fern 5 – 6
Fuchsia 5 ½ – 6 ½
Gardenia 5 – 6
Gladiolus 5 ½ – 6 ½
Geranium 6 – 7 ½
Hibiscus 5 – 6 1/2
Holly 5 – 6
Hydrangea (Blue) 4 ½ – 5 ½
Hydrangea (Pink) 6 ½ – 7 ½
Hawthorn 6 – 7 ½
Hyacinth 6 – 7
Hazel (Witch) 6 – 7
Hemlock 5 – 6
Honeysuckle 6 – 7
Horsechestnut 6 – 7
Iris 6 – 6 ½

Ilex 5 – 6
Ivy 6 – 7
Juniper 5 – 6
Lantana 5 ½ – 6 ½
Lily 5 – 6
Larch 6 – 7
Laurel 5 – 6
Locust 6 – 7
Lilac 6 – 7
Linden 6 – 7
Lily of the Valley 5 – 6
Magnolia 5 – 6
Marigold 5 ½ – 7
Maple 6 ½ – 7 ½
Mulberry 6 – 7
Narcissus 6 – 6 ½
Oak 5 – 6
Orchid 4 ½ – 6
Palm 5 ½ – 7
Pansy 5 – 6 ½
Peony 6 – 7 ½
Periwinkle 6 – 7 ½
Petunia 5 ½ – 7
Phlox 5 – 6
Pine 5 – 6
Plane Tree 6 – 7
Poinsetta 6 – 7
Poplar 6 – 7
Privet 6 – 7
Quince 6 – 7
Rose 5 ½ – 7
Rhododendron 4 ½ – 5 ½
Snapdragon 6 – 7
Spirea 6 – 7
Spruce 5 – 6
Sweetgum 6 – 7
Sycamore 6 – 7 ½
Tulip 6 – 6 ½
Tupelo 6 – 7
Tuliptree 6 – 7
Verbena 6 – 7 ½
Violet 6 – 7 ½
Viburnum 6 – 7
Walnut 6 – 7
Weigelia 6 – 7
Willow 5 – 7
Wisteria 6 – 7 ½
Yew 6 – 7
Yucca 6 – 7
Zinnia 5 ½ – 7

Grasses

Blue (Ky) 5 ½ – 7 ½
Bent 5 ½ – 6 ½
Bermuda 6 – 7
Buffalo 6 – 7 ½
Clover 5 ½ – 7

Fescue (red) 5 ½ – 6 ½
Fescue (tall) 6 ½ – 7 ½
Rye 5 ½ – 8
Rye (Perennial) 6 – 7
St. Augustine – 6 – 7 ½
Zoysea – 4 ½ – 7 ½

Fruit and Vegetables

Alfalfa 7 – 7 ½
Apple 5 ½ – 6 ½
Artichoke 6 – 6 ½
Asparagus 6 – 6 ½
Barley 7 – 7 ½
Bean 5 ½ – 6 ½
Beets 6 – 7
Blackberry 5 ½ – 6 ½
Broccoli 6 – 6 ½
Brussel Sprout 6 – 6 ½
Cabbage 6 – 6 ½
Cantaloupe 6 – 6 ½
Cherry 6 – 6 ½
Cauliflower 5 ½ – 6 ½
Chive 6 – 6 ½
Corn 5 ½ – 6 ½
Cranberry 4 ½ – 5
Carrot 5 ½ – 6 ½
Cucumber 6 – 6 ½
Celery 6 – 6 ½
Eggplant 5 ½ – 6 ½
Grapes 5 ½ – 6 ½
Grapefruit 6 – 6 ½
Lemon 7 – 7 ½
Lettuce 6 – 6 ½
Lima Bean 6 – 6 ½
Mushroom 6 – 6 ½
Onion 5 ½ – 6 ½
Peas 6 – 6 ½
Parsley 5 ½ – 6 ½
Peach 6 – 6 1
Pear 6 – 6 ½
Pepper 5 ½ – 6 ½
Potato (Sweet) 6 – 6 ½
Potato 5 – 5 ½
Plum 6 – 6 ½
Pumpkin 5 ½ – 6 ½
Rhubarb 5 ½ – 6 ½
Rice 5 – 6 ½
Rye 5 ½ – 6 ½
Radish 6 – 6 ½
Soybean 6 – 6 ½
Spinach 6 – 7
Squash 5 ½ – 6 ½
Strawberry 4.8 – 5.2
Turnip 5 ½ – 6 ½
Tomato 5 ½ – 6 ½
Watermelon 5 ½ – 6 ½
Wheat 6 – 7