

Massachusetts Master Gardener Association

FACT SHEET

Have gardening questions? Contact the Master Gardener Help Line.

Two locations / two ways to contact us:

At Mass Hort, Wellesley: mghelp@masshort.org, 617-933-4929

At Tower Hill Botanic Garden, Boylston: hortline@towerhillbg.org, 608-869-6111 x104

Please visit our web site for Help Line open hours <http://massmastergardeners.org/what-i-do/>



pH Charts

Soil pH measures the acidity or alkalinity of your soil. For most plants the optimum pH ranges is from 5.5 to 7.0, but some plants require a more acidic or alkaline soil. The pH scale goes from 0.0 to 14.0 with 0.0 being the most acidic and 14.0 the most alkaline. A pH soil test will tell you what pH range your soil is in.

pH ranges listed in these charts are approximate for the plant species. Different varieties of a plant could vary in their pH requirements. You should consider the pH a nursery or seed supplier recommends over the pH listed here if it differs.

This list doesn't include all plant species and is not meant to be a recommendation for planting the species listed.

Vegetables and Herbs

Name	pH	Name	pH	Name	pH	Name	pH	Name	pH
Artichoke	6.5-7.5	Chinese Cabbage	6.0-7.5	Kale	6.0-7.5	Parsley	5.0-7.0	Rosemary	5.0-6.0
Asparagus	6.0-8.0	Chives	6.0-7.0	Kohlrabi	6.0-7.5	Parsnip	5.5-7.5	Sage	5.5-6.5
Basil	5.5-6.5	Corn-Sweet	5.5-7.5	Leek	6.0-8.0	Pea	6.0-7.5	Shallot	5.5-7.0
Bean (runner, broad, French)	6.0-7.0	Cress	6.0-7.0	Lettuce	6.0-7.0	Pepper	5.5-7.0	Spearmint	5.5-7.5
Beets	6.5-8.0	Cucumber	5.5-7.0	Marjoram	6.0-8.0	Peppermint	6.0-7.5	Spinach	6.0-7.5
Broccoli	6.0-7.0	Eggplant	5.5-6.5	Mint	7.0-8.0	Potato	4.8-6.5	Squash	6.0-7.0
Brussel Sprouts	6.0-7.5	Fennel	5.0-6.0	Mushroom	6.5-7.5	Potato-Sweet	5.2-6.0	Thyme	5.5-7.0
Cabbage	6.0-7.5	Garlic	5.5-7.5	Mustard	6.0-7.5	Pumpkin	5.5-7.5	Tomato	5.5-7.5
Carrot	5.5-7.0	Ginger	6.0-8.0	Olive	5.5-6.5	Radish	6.0-7.0	Turnip	5.5-7.0
Cauliflower	5.5-7.5	Horseradish	6.0-7.0	Onion	6.0-7.0	Rhubarb	5.5-7.0	Water Cress	6.0-8.0
Celery	6.0-7.0								

Fruit

Name	pH	Name	pH	Name	pH	Name	pH	Name	pH
Apple	5.5-6.5	Cranberry	5.5-6.5	Melon, Cantaloupe	6.0-7.5	Pear, common	6.5-7.5	Raspberry, red	6.0-7.5
Apricot	6.0-7.0	Grape	5.5-7.0	Mulberry	6.0-7.5	Plum, American	6.5-8.5	Rhubarb	5.5-7.0
Blackberry	5.0-6.0	Hop	6.0-7.5	Nectarine	6.0-7.5	Quince	6.0-7.6	Strawberry	5.5-6.5
Blueberry	4.5-5.5	Melon	5.5-6.5	Peach	6.0-7.5	Raspberry, black	5.5-7.0	Watermelon	5.5-6.5
Cherry, sweet	6.5-8.0								

The Massachusetts Master Gardener Association is a non-profit organization whose mission is to share knowledge and experience with the public through outreach programs in education, horticulture and gardening; to provide the Master Gardener Training Program to interested members of the public; and to provide graduates of the Master Gardener Training Program with educational and practical opportunities to extend their knowledge and interests in gardening and related topics.

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