

## pH PREFERENCE LIST

| FLOWERS, TREES & SHRUBS |          | FLOWERS, TREES & SHRUBS |          | VEGETABLES & HERBS      |          | HOUSE & GREENHOUSE PLANTS |          | HOUSE & GREENHOUSE PLANTS            |          |
|-------------------------|----------|-------------------------|----------|-------------------------|----------|---------------------------|----------|--------------------------------------|----------|
| NAME                    | pH RANGE | NAME                    | pH RANGE | NAME                    | pH RANGE | NAME                      | pH RANGE | NAME                                 | pH RANGE |
| Abelia                  | 6.0-8.0  | Helianthus              | 5.0-7.0  | Artichoke               | 6.5-7.5  | Abutilon                  | 5.5-6.5  | Iris                                 | 5.0-7.5  |
| Acacia                  | 6.0-8.0  | Helleborus              | 6.0-7.5  | Asparagus               | 6.0-8.0  | Acorus                    | 5.0-6.5  | Ivy Tree                             | 6.0-7.0  |
| Acanthus                | 6.0-7.0  | Holly                   | 5.0-6.5  | Basil                   | 5.5-6.5  | Aechmea                   | 5.0-5.5  | Jacaranda                            | 6.0-7.5  |
| Aconitum                | 5.0-6.0  | Hollyhock               | 6.0-8.0  | Bean                    | 6.0-7.5  | African Violet            | 6.0-7.0  | Japanese Sedge                       | 6.0-8.0  |
| Adonis                  | 6.0-8.0  | Honeysuckle             | 6.0-7.5  | [Runner, Broad, French] |          | Amoryllis                 | 5.5-6.5  | Jasminum                             | 5.5-7.0  |
| Ageratum                | 6.0-7.5  | Hydrangea (Blue)        | 4.0-5.0  | Beetroot                | 6.0-7.5  | Anthurium                 | 5.0-6.0  | Jerusalem Cherry                     | 5.5-7.5  |
| Ailanthus               | 6.0-7.5  | Hydrangea (Pink)        | 6.0-7.0  | Broccoli                | 6.0-7.0  | Apostle Plant             | 5.5-6.5  | Jessamine                            | 5.0-6.0  |
| Ajuga                   | 4.0-6.0  | Hydrangea (White)       | 6.5-8.0  | Brussels Sprouts        | 6.0-7.5  | Aralia                    | 6.0-7.5  | Kaffir                               | 6.0-7.5  |
| Althea                  | 6.0-7.5  | Hypericum               | 5.5-7.0  | Cabbage                 | 6.0-7.5  | Arrowhead                 | 5.0-6.0  | Kalanchoe                            | 6.0-7.5  |
| Alyssum                 | 6.0-7.5  | Iris                    | 5.0-6.5  | Calabrese               | 6.5-7.5  | Asparagus Fern            | 6.0-8.0  | Kangaroo Thorn                       | 6.0-8.0  |
| Amaranthus              | 6.0-6.5  | Ivy                     | 6.0-8.0  | Carrot                  | 5.5-7.0  | Azalea                    | 4.5-6.0  | Kangaroo Vine                        | 5.0-7.5  |
| Anchusa                 | 6.0-7.5  | Juniper                 | 5.0-6.5  | Cauliflower             | 5.5-7.5  | Baby's Breath             | 6.0-7.5  | Lace Flower                          | 6.0-7.5  |
| Androsace               | 5.0-6.0  | Kalmia                  | 4.5-5.0  | Celery                  | 6.0-7.0  | Baby's Tears              | 5.0-6.0  | Lantana                              | 5.5-7.0  |
| Anemone                 | 6.0-7.5  | Kerria                  | 6.0-7.0  | Chicory                 | 5.0-6.5  | Begonia                   | 5.0-7.0  | Laurus (Bay Tree)                    | 5.0-6.0  |
| Anthyllis               | 5.0-6.0  | Laburnum                | 6.0-7.0  | Chinese Cabbage         | 6.0-7.5  | Bird of Paradise          | 6.0-6.5  | Lemon Plant                          | 6.0-7.5  |
| Arbutus                 | 4.0-6.0  | Laurel                  | 4.5-6.0  | Chives                  | 6.0-7.0  | Bishop's Cap              | 5.0-6.0  | Mimosa                               | 5.0-7.0  |
| Ardisia                 | 6.0-8.0  | Lavender                | 6.5-7.5  | Corn - Sweet            | 5.5-7.5  | Black-eyed Susan          | 5.5-7.5  | Mind Your Own Business               | 5.0-5.5  |
| Arenaria                | 6.0-8.0  | Liatris                 | 5.5-7.5  | Cress                   | 6.0-7.0  | Blood Leaf                | 5.5-6.5  | Monstera                             | 5.0-6.0  |
| Aristia                 | 6.0-7.5  | Ligustrum               | 5.0-7.5  | Courgettes              | 5.5-7.0  | Battle Brush              | 6.0-7.5  | Mother-of-Thousands                  | 5.0-6.0  |
| Armeris                 | 6.0-7.5  | Lilac                   | 6.0-7.5  | Cucumber                | 5.5-7.0  | Bougainvillea             | 5.5-7.5  | Myrtle                               | 6.0-8.0  |
| Arneris                 | 5.0-6.5  | Lily                    | 4.0-6.0  | Fennel                  | 5.0-6.0  | Boxwood                   | 6.0-7.5  | NepEthylis                           | 4.5-5.5  |
| Asperula                | 6.0-8.0  | Lily of the Valley      | 4.5-6.0  | Garlic                  | 5.5-7.5  | Bromeliads                | 5.0-6.0  | Never Never Plant                    | 5.0-6.0  |
| Asphodeline             | 6.0-8.0  | Lithospermum            | 5.0-6.5  | Ginger                  | 6.0-8.0  | Butterfly Flower          | 6.0-7.5  | Nicodernia                           | 6.0-8.0  |
| Aster                   | 5.5-7.5  | Labelia                 | 6.0-7.5  | Horseradish             | 6.0-7.0  | Cactus                    | 4.5-6.0  | Nicotiana                            | 5.5-6.5  |
| Astilbe                 | 6.0-8.0  | Lupinus                 | 5.5-7.0  | Kale                    | 6.0-7.5  | Calceolaria               | 6.0-7.0  | Norfolk Island Pine                  | 5.0-6.0  |
| Aubretia                | 6.0-7.5  | Magnolia                | 5.0-6.0  | Kahlrabi                | 6.0-7.5  | Caladium                  | 6.0-7.5  | Oleander                             | 6.0-7.5  |
| Avens                   | 6.0-7.5  | Mahonia                 | 6.0-7.0  | Leek                    | 6.0-8.0  | Calla Lily                | 6.0-7.0  | Oplismenus                           | 5.0-6.0  |
| Azalea                  | 4.5-6.0  | Marguerite              | 6.0-7.5  | Lentil                  | 5.5-7.0  | Camellia                  | 4.5-5.5  | Orange Plant                         | 6.0-7.5  |
| Balloon Flower          | 6.0-6.5  | Marigold                | 5.5-7.0  | Lettuca                 | 6.0-7.0  | Capsicum Pepper           | 5.0-6.5  | Orchid                               | 4.5-5.5  |
| Bayberry                | 4.0-6.0  | Molinia                 | 4.0-5.0  | Marjoram                | 6.0-8.0  | Cardinal Flower           | 5.0-6.0  | Oxalis                               | 6.0-8.0  |
| Beauty Bush             | 6.0-7.5  | Moraea                  | 5.5-6.5  | Marrow                  | 6.0-7.5  | Cast Iron Plant           | 4.0-5.5  | Painted Lady                         | 6.0-7.5  |
| Bergenia                | 6.0-7.5  | Morning Glory           | 6.0-7.5  | Millet                  | 6.0-6.5  | Castor Oil Plant          | 5.5-6.5  | Palms                                | 6.0-7.5  |
| Blazing Star            | 6.0-6.5  | Moss                    | 6.0-8.0  | Mint                    | 7.0-8.0  | Century Plant             | 5.0-6.5  | Pandanus                             | 5.0-6.0  |
| Bleeding Heart          | 6.0-7.5  | Moss, sphagnum          | 3.5-5.0  | Mushroom                | 6.5-7.5  | Chinese Evergreen         | 5.0-6.0  | Patient Lucy                         | 5.5-6.5  |
| Bluebell                | 6.0-7.5  | Myosotis                | 6.0-7.0  | Mustard                 | 6.0-7.5  | Chinese Lantern           | 6.0-7.5  | Peacock Plant                        | 5.0-6.0  |
| Broom                   | 5.0-6.0  | Narcissus               | 6.0-7.5  | Oliva                   | 5.5-6.5  | Chinese Primrose          | 6.0-7.5  | Pelargonium                          | 6.0-7.5  |
| Buddleia                | 6.0-7.0  | Nosturiatum             | 5.5-7.5  | Onion                   | 6.0-7.0  | Christmas Cactus          | 5.0-6.5  | Pellionia                            | 5.0-6.0  |
| Buphtalum               | 6.0-8.0  | Nicotiana               | 5.5-6.5  | Paprika                 | 7.0-8.5  | Cineraria                 | 5.5-7.0  | Peperomia                            | 5.0-6.0  |
| Butterfly Bush          | 4.0-6.0  | Oak                     | 4.0-6.0  | Parsley                 | 5.0-7.0  | Clerodendrum              | 5.0-6.0  | Philodendron                         | 5.0-6.0  |
| Calendula               | 5.5-7.0  | Pachysandra             | 5.0-8.0  | Parsnip                 | 5.5-7.5  | Clivio                    | 5.5-6.5  | Phlox                                | 5.0-6.5  |
| Camassia                | 6.0-8.0  | Paeania                 | 6.0-7.5  | Pea                     | 6.0-7.5  | Cockscomb                 | 6.0-7.5  | Pitcherplant                         | 4.0-5.5  |
| Candytuff               | 6.0-7.5  | Pansy                   | 5.5-7.0  | Peanut                  | 5.0-6.5  | Coffee Plant              | 5.0-6.0  | Pilea                                | 6.0-8.0  |
| Canna                   | 6.0-8.0  | Passion Flower          | 6.0-8.0  | Pecan                   | 4.0-6.0  | Coleus                    | 6.0-7.0  | Plumbago                             | 5.5-6.5  |
| Canterbury Bells        | 6.0-7.5  | Passque Flower          | 5.0-6.0  | Pepper                  | 5.5-7.0  | Columna                   | 4.5-5.5  | Podocarpus                           | 5.0-6.5  |
| Cardinal Flower         | 4.0-6.0  | Paulownia               | 6.0-8.0  | Peppermint              | 6.0-7.5  | Coral Berry               | 5.5-7.5  | Poinsettia                           | 6.0-7.5  |
| Carnation               | 6.0-7.5  | Penstemon               | 5.5-7.0  | Pistacio                | 5.0-6.0  | Crassula                  | 5.0-6.0  | Polyscios                            | 6.0-7.5  |
| Catalpa                 | 6.0-8.0  | Peony                   | 6.0-7.5  | Potato                  | 4.5-6.0  | Creeping Fig              | 5.0-6.0  | Pothos                               | 5.0-6.0  |
| Celasia                 | 6.0-7.0  | Periwinkle              | 6.0-7.5  | Potato - Sweet          | 5.5-6.0  | Croton                    | 5.0-6.0  | Proyer Plant                         | 5.0-6.0  |
| Centaurea               | 5.0-6.5  | Petunia                 | 6.0-7.5  | Pumpkin                 | 5.5-7.5  | Crown of Thorns           | 6.0-7.5  | Puncio                               | 5.5-6.5  |
| Cerastium               | 6.0-7.0  | Phlox                   | 6.5-7.5  | Radish                  | 6.0-7.0  | Cuphea                    | 6.0-7.5  | Rubber Plant                         | 5.0-6.0  |
| Chrysanthemum           | 6.0-7.0  | Pinks                   | 6.0-7.5  | Rice                    | 5.0-6.5  | Cyclamen                  | 6.0-7.0  | Senecio                              | 5.0-6.0  |
| Cissus                  | 6.0-7.5  | Pitosporium             | 5.5-6.5  | Rosemary                | 5.0-6.0  | Cyperus                   | 5.0-7.5  | Saxifraga                            | 6.0-8.0  |
| Cistus                  | 6.0-7.5  | Plantain                | 6.0-7.5  | Sage                    | 5.5-6.5  | Daphne                    | 6.5-7.5  | Schizanthus                          | 6.0-7.0  |
| Clarkia                 | 6.0-6.5  | Poligonum               | 6.0-7.5  | Shallot                 | 5.5-7.0  | Devil's Ivy               | 5.0-6.0  | Scillo                               | 6.0-8.0  |
| Cleanthus               | 6.0-7.5  | Polygonus               | 6.0-7.5  | Sarghum                 | 5.5-7.5  | Dieffenbachia             | 5.0-6.0  | Selaginella                          | 6.0-7.0  |
| Clematis                | 5.5-7.0  | Poppy                   | 6.0-7.5  | Soy bean                | 5.5-6.5  | Dipladenia                | 6.0-7.5  | Senecio                              | 6.0-7.0  |
| Colchicum               | 5.5-6.5  | Portulaca               | 5.5-7.5  | Spearmint               | 5.5-7.5  | Dizygatheca               | 6.0-7.5  | Shrimp Plant                         | 5.5-6.5  |
| Columbine               | 6.0-7.0  | Primrose                | 5.5-6.5  | Spinach                 | 6.0-7.5  | Dracaena                  | 5.0-6.0  | Spanish Bayonet                      | 5.5-7.0  |
| Convolvulus             | 6.0-8.0  | Primula                 | 6.0-7.5  | Squash                  | 6.5-7.5  | Dragon Tree               | 5.0-7.5  | SpiderPlant                          | 6.0-7.5  |
| Coreopsis               | 5.0-6.0  | Prunella                | 6.0-7.5  | Swede                   | 5.5-7.0  | Dutchman's Pipe           | 6.0-8.0  | Star of Bethlehem                    | 6.0-8.0  |
| Corydalis               | 6.5-7.5  | Prunus                  | 6.5-7.5  | Thyme                   | 5.5-7.0  | Easter Lily               | 6.0-7.0  | Succulents                           | 5.0-6.5  |
| Cornflower              | 6.0-6.5  | Pyraacantha             | 5.0-6.0  | Tomato                  | 5.5-7.5  | Elephant's Ear            | 6.0-7.5  | Thunbergia                           | 5.5-7.5  |
| Cosmos                  | 5.0-8.0  | Pyrethrum               | 6.0-7.5  | Turnip                  | 5.5-7.0  | English Ivy               | 6.0-7.5  | Turk's Cap                           | 6.0-7.0  |
| Cotoneaster             | 6.0-8.0  | Red Hat Poker           | 6.0-7.5  | Water Cress             | 6.0-8.0  | Episcia                   | 6.0-7.0  | UmbrellaTree                         | 5.0-7.5  |
| Crab Apple              | 6.0-7.5  | Rhododendron            | 4.5-6.0  |                         |          | Eucalyphus                | 6.0-8.0  | Velvet Plant                         | 5.5-6.5  |
| Crocus                  | 6.0-8.0  | Rose                    |          | <b>FRUIT</b>            |          | Fan Iris                  | 6.0-8.0  | Venus Flytrap                        | 4.0-5.0  |
| Cynoglossum             | 6.0-7.5  | Hybrid Tea              | 5.5-7.0  | Apple                   | 5.0-6.5  | Feijoa                    | 5.0-7.5  | Verbena                              | 6.0-8.0  |
| Daffodil                | 6.0-6.5  | Climbing                | 6.0-7.0  | Apricot                 | 6.0-7.0  | Ferns:                    |          | Vinca                                | 6.0-7.5  |
| Dahlia                  | 6.0-7.5  | Rambling                | 5.5-7.0  | Avacodo                 | 6.0-7.5  | Bird's Nest               | 5.0-5.5  | Violet Flame                         | 6.0-7.0  |
| Day Lily                | 6.0-8.0  | Salvia                  | 6.0-7.5  | Banana                  | 5.0-7.0  | Boston                    | 5.5-6.5  | Wandering Jew                        | 5.0-6.0  |
| Delphinium              | 6.0-7.5  | Santpoulia              | 6.0-7.0  | Blackberry              | 5.0-6.0  | Button                    | 6.0-8.0  | Weeping Fig                          | 5.0-6.0  |
| Deutzia                 | 6.0-7.5  | Scabiosa                | 5.0-7.5  | Blueberry               | 4.0-6.0  | Christmas                 | 6.0-7.5  | Winter Creeper                       | 5.5-7.0  |
| Dianthus                | 6.0-7.5  | Sea Grape               | 5.0-6.5  | Cantaloupe              | 6.5-7.5  | Cloak                     | 6.0-7.5  | Yucca Plant                          | 6.0-8.0  |
| Dogwood                 | 5.0-7.0  | Sedum                   | 6.0-8.0  | Cherry                  | 6.0-7.5  | Feather                   | 5.5-7.5  | Zebra Plant                          | 5.0-6.0  |
| Edelweiss               | 6.5-7.5  | Snapdragon              | 5.5-7.0  | Cranberry               | 5.5-6.5  | Hart's Tonge              | 7.0-8.0  |                                      |          |
| Elaeagnus               | 5.0-7.5  | Snowdrop                | 6.0-8.0  | Current:                |          | Holly                     | 4.5-6.0  | <b>ORNAMENTAL &amp; TURF GRASSES</b> |          |
| Enkianthus              | 5.0-6.0  | Soapwort                | 6.0-7.5  | Black                   | 6.0-8.0  | Maidenhair                | 6.0-8.0  | Bahai                                | 6.5-7.5  |
| Erica                   | 4.5-6.0  | Speedwell               | 5.5-6.5  | Red                     | 5.5-7.0  | Rabbits Foot              | 6.0-7.5  | Bent                                 | 5.5-6.5  |
| Euphorbia               | 6.0-7.0  | Spirea                  | 6.0-7.5  | White                   | 6.0-8.0  | Spleenwort                | 6.0-7.5  | Bermuda                              | 6.0-7.0  |
| Everlasting             | 5.0-6.0  | Spruce                  | 4.0-5.0  | Damson                  | 6.0-7.5  | Fig (Ficus)               | 5.0-6.0  | Canada Blue                          | 4.5-6.5  |
| Firethorn               | 6.0-8.0  | Stock                   | 6.0-7.5  | Gooseberry              | 5.0-6.5  | Fritonia                  | 5.5-6.5  | Clover                               | 6.0-7.0  |
| Farges-Me-Not           | 6.0-8.0  | Stonecrop               | 6.5-7.5  | Grapefruit              | 6.0-7.5  | Freesia                   | 6.0-7.5  | Kentucky Blue                        | 6.0-7.5  |
| Forsythia               | 6.0-8.0  | Sumach                  | 5.0-6.5  | Hazelnut                | 6.0-7.0  | French Marigold           | 5.0-7.5  | Meadow                               | 6.0-7.5  |
| Foxglove                | 6.0-7.5  | Sunflower               | 6.0-7.5  | Hop                     | 6.0-7.5  | Gardenia                  | 5.0-6.0  | Pampas                               | 6.0-8.0  |
| Fritillaria             | 6.0-7.5  | Sweet Pea               | 6.5-7.5  | Huckleberry             | 4.0-6.0  | Genista                   | 6.5-7.5  | Red Tap                              | 6.0-6.5  |
| Fuchsia                 | 5.5-6.5  | Sweet William           | 6.0-7.5  | Lemon                   | 6.0-7.0  | Geronium                  | 6.0-8.0  | Rye                                  | 6.0-7.0  |
| Gaillardia              | 6.0-7.5  | Syringa                 | 6.0-8.0  | Lychee                  | 6.0-7.0  | Gloxinia                  | 5.5-6.5  | St. Augustine                        | 6.5-7.5  |
| Gozonia                 | 5.5-7.0  | Tamanx                  | 6.5-8.0  | Mango                   | 5.0-6.0  | Grape Hyacinth            | 6.0-7.5  | Tall Fescue                          | 6.0-7.0  |
| Gentiana                | 5.0-7.5  | Tobocca                 | 5.5-7.5  | Melon                   | 5.5-6.5  | Grape Ivy                 | 5.0-6.5  | Velvet Bent                          | 5.0-6.0  |
| Geranium                | 6.0-8.0  | Trillium                | 5.0-6.5  | Mulberry                | 6.0-7.5  | Grevillea                 | 5.5-6.5  | Zoysia                               | 6.0-7.0  |
| Geum                    | 6.0-7.5  | Tulip                   | 6.0-7.0  | Nectarine               | 6.0-7.5  | Hedera (Ivy)              | 6.0-7.5  |                                      |          |
| Gladioli                | 6.0-7.0  | Viburnum                | 5.0-7.5  | Peach                   | 6.0-7.5  | Heliotropium              | 6.0-8.0  |                                      |          |
| Globularia              | 5.5-7.0  | Viola                   | 5.5-6.5  | Pear                    | 6.0-7.5  | Hens & Chickens           | 6.0-7.0  |                                      |          |
| Godefia                 | 6.0-7.5  | Violet                  | 5.0-7.5  | Pineapple               | 5.0-6.0  | Herringbone Plant         | 5.0-6.0  |                                      |          |
| Goldenrod               | 5.0-7.0  | Virginia Creeper        | 5.0-7.5  | Plum                    | 6.0-7.5  | Hibiscus                  | 6.0-8.0  |                                      |          |
| Gourd                   | 6.0-7.0  | Wallflower              | 5.5-7.5  | Pomegranate             | 5.5-6.5  | Hyacinth                  | 6.5-7.5  |                                      |          |
| Gypsaphilia             | 6.0-7.5  | Water Lily              | 5.5-6.5  | Quince                  | 6.0-7.5  | Hoya                      | 5.0-7.5  |                                      |          |
| Hawthorn                | 6.0-7.0  | Wistine                 | 6.0-8.0  | Raspberry               | 5.0-6.5  | Ice Plant                 | 6.0-8.0  |                                      |          |
| Heather                 | 4.0-6.0  | Yew                     | 4.0-6.0  | Rhubarb                 | 5.5-7.0  | Inch Plant                | 5.0-6.0  |                                      |          |
|                         |          | Zinno                   | 5.5-7.5  | Strawberry              | 5.0-7.5  | Impatiens                 | 5.5-7.5  |                                      |          |
|                         |          |                         |          | Watermelon              | 5.5-6.5  | Indigofera                | 6.0-7.5  |                                      |          |