

Watering No. 3		Watering No. 4	
Kangaroo Thorn	Columnea	Baby's Tears	Camellia
Mosaic Plant	Coppereat	Bay Tree	Friendship Plant
Nasturtium	Coral Berry	Begonia Rex	Sensitive Plant
Oleander	Creeping Moss	Begonia	Spider Plant
Parlor Palm	Cupid's Bower	Bloodleaf	Vase Plant
Passion Flower	Cyclamen	Bottlebrush Plant	Velvet Plant
Pilea	Dracena	Buddhist Pine	Christiomas Cactus
Plume Flower	Figs, Creeping	Busy Lizzie	Chrysanthemum
Prayer Plant	Finger Aralia	Verbena	Heliotrope
Primula	Calla Lily	Lantana	Jacobinia
Sensitve Plant	Camellia	Kaffir Lily	Peppers
Spider Plant	Fushia Plant	Orchid	
Vase Plant	Gloxinia	Wandering Jew	
Velvet Plant	Hedera Ivy	Myrtle	
Violet Flame	Chrysanthemum	Lucky Clover	
Zebra Plant	Clerodendrum	Euonymus	
Painters Palette	Jacaranda	Dumb Cane	
Melons	Peace Lily	Geranium	

ANALYZER LIMITED WARRANTY

The tester is warranted free from defects for one year from date of purchase. During this period the unit may be returned to Luster Leaf Products, Inc. with proof of purchase and \$3.00 to cover postage and handling. It will be repaired or replaced during the initial 90 days of this warranty period. The selling dealer is also authorized to replace a defective meter.

This warranty does not cover abuse, accidental damage, repair by anyone other than Luster Leaf Products, Inc., or consequential loss or inconvenience resulting from use of the meter.

This warranty gives you certain specific legal rights and you may also have other rights which vary from state to state.

SERVICE

If adjustment or repair becomes necessary after the warranty expires, return the meter to Luster Leaf Products, Inc. with \$7.50 to cover postage, handling and service. Service includes labor and parts as required, except for replacement of externally damaged or lost components.

For service, or information regarding other Luster Leaf Products, Inc. products, please address:

Luster Leaf Products, Inc.
2220 Techcourt, Woodstock, IL 60098

CLEANING PAD REORDER FORM

To obtain replacement cleaning pads for your meter, please complete:

QTY _____ Pkg(s) of 3 Cleaning Pads @ \$2.00 _____
 Add \$1.00 for Postage & Handling _____

TOTAL \$ _____

Send check or money order payable to Luster Leaf Products, Inc. (no COD please) to: Luster Leaf Products, Inc.
2220 Techcourt, Woodstock, IL 60098

SHIP TO: Name: _____
 Address: _____
 City: _____ State: _____ Zip: _____

IMPORTANT INFORMATION REGARDING YOUR NEW 4-WAY ANALYZER

- HOW TO USE YOUR ANALYZER TO MEASURE FERTILITY**
- Remove the top 2" of the surface soil. Break up and crumble the soil underneath to a depth of 5". Remove any stones or organic debris such as leaves and twigs because they can affect the final result.
 - Thoroughly wet the soil with water (ideally rain or distilled water) to a mud consistency.
 - Move the switch to the first (top) position.
 - Clean the probe on the FAR RIGHT ONLY, with the enclosed special cleaning pad.
 - Insert the probes fully up to the base of the instrument.
 - Where the needle points after 5 seconds is the reading.
 - Slide the switch up to the mid (off) position.
 - Clean and dry probes.
- The standards by which the instrument is calibrated are as follows:

	Too Little	IDEAL Range	Too Much
Nitrogen	50 PPM	50 to 200 ppm	200 PPM

Phosphorous	4 PPM	4 to 14 ppm	14 PPM
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Potash	50 PPM	50 to 200 ppm	200 PPM
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- ppm is defined as parts-per-million
- IF THE TESTER READS "Too Little":**
- Liquid feed with a brand of soluble fertilizer that is recommended for the plants you intend to grow.
 - Liquid feed within 3 weeks after planting or potting and do this every month whenever you water your plants.

Watering No. 1		Watering No. 2		Watering No. 3	
Alce	Gold-Dust Plant	Castor Oil Plant	Cast Iron Plant	Annals/Bienals	Vegetables
Calceolaria	Hens and Chicks	Jade Plant	Black-Eyed Susan	Perennials	Annuals/Bienals
Cape Ivy	Inch Plant	Cardinal Flower	Bird of Paradise	Shrubs (flowering)	Shrubs (foliage)
Cardinal Flower	Century Plant	Jelly Bean Plant	Bamboo Palm	Shrubs (foliage)	Shrubs (foliage)
Century Plant	Snake Plant	Century Plant	Arrowhead Vine	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Aralia	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Amaryllis	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Chinese Evergreen	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Nicotemdia	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Monstera	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Christiomas Cactus	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Hedera Ivy	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
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Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
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Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
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Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
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Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Geranium	Panda Plant	Geranium	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)
Flaming Katy	Orchid	Flaming Katy	Chrysanthemum	Shrubs (flowering)	Shrubs (foliage)

HOW TO USE YOUR METER TO MEASURE pH

1. Remove the top 2" of the surface soil. Break up and crumble the soil underneath to a depth of 5". Remove any stones or organic debris such as leaves and twigs because they can affect the final result.
2. Thoroughly wet the soil with water (ideally rain or distilled water) to a mud consistency.
3. Move the switch to the last (bottom) position.
4. Wet probes. Clean probe on the FAR RIGHT ONLY, with the enclosed special cleaning pad.
5. Insert probes into soil up to plastic base.
6. Wait one minute and take reading.
7. Wipe the probes clean and dry.

TO RAISE OR LOWER pH OF YOUR SOIL

Raising and lowering pH is not an exact science and most plants have a reasonably wide tolerance, certainly to within 1 pH point. Altering pH takes time so do not expect rapid changes; rather, work steadily towards giving a plant its ideal conditions.

HOW MUCH TO APPLY

How much to apply depends on the particle size of your soil – a sandy soil needs less lime for an equivalent pH change than a heavy clay but will not hold its pH as long.

SOIL TYPES

Sandy Soils

A light, coarse soil comprised of crumbling and alluvial debris .

Loam Soils

A medium friable soil, consisting of a blend of coarse (sand) alluvium and fine (clay) particles mixed within fairly broad limits with a little lime and humus.

Clay Soils

A heavy, clinging, impermeable soil, comprised of very fine particles with little lime and humus and tending to be waterlogged in winter and very dry in summer.

Material	pH Change	Soil Type		
		Sandy	Loamy	Clay
Ground Limestone (Domolitic or calcic)	+1/2 unit (.5 pH)	2.5	5	5.5
	+1 unit (1.0 pH)	58.5	11	
Hydrated Lime	+1/2 unit (.5 pH)	1.5 - 2	3 - 4	4 - 4.5
	+1 unit (1.0 pH)	3.5 - 4	6 - 6.5	8 - 8.5
Iron Sulfate	-1/2 unit (.5 pH)	0.75	1.5	2
	-1 unit (1.0 pH)	1.5	3	4
Aluminum Sulfate	-1/2 unit (.5 pH)	.5 - .75	1 - 1.25	1.5
	-1 unit (1.0 pH)	1 - 1.25	2.25	3

Amounts listed are pounds/100 sq.ft.

Do not add more than 5# of lime or 1/2# of sulfur/application.

To use Sphagnum Peat Moss to increase acidity, mix in up to 1/3 of the total soil volume when planting acid loving plants.

Plant pH Preference List

NAME	pH	NAME	pH	NAME	pH	NAME	pH	NAME	pH
FRUIT		VEGETABLES & HERBS		HOUSE & GREENHOUSE PLANTS		FLOWERS, TREES & SHRUBS		FLOWERS, TREES & SHRUBS	
APPLE	5.0 - 6.5	SAGE	5.5 - 6.5	GENISTA	6.5 - 7.5	ASPERULA	6.0 - 8.0	LAUREL	6.5 - 7.5
APRICOT	6.0 - 7.0	SHALLOT	5.5 - 7.0	GERANIUM	6.0 - 8.0	ASPHODOLINE	6.0 - 8.0	LAVENDER	6.5 - 7.5
AVOCADO	6.0 - 7.5	SORGHUM	5.5 - 7.5	GLOXINIA	5.5 - 6.5	ASTER	5.5 - 7.5	LIATRIS	5.5 - 7.5
BANANA	5.0 - 7.0	SOYBEAN	5.5 - 6.5	GRAPE IVY	5.0 - 6.5	AUBRITA	6.0 - 7.5	LIGUSTRUM	5.0 - 7.5
BLACKBERRY	5.0 - 6.0	SPEARMINT	5.5 - 7.5	GRAPE HYACINTH	6.0 - 7.5	AZALEA	4.5 - 6.0	LILAC	6.0 - 7.5
BLUEBERRY	4.0 - 6.0	SPINACH	6.0 - 7.5	GREVILLEA	5.5 - 6.5	BALLOON FLOWER	6.0 - 6.5	LILY OF THE VALLEY	4.5 - 6.0
CANTALOUPE	6.5 - 7.5	SWEDE	5.0 - 7.0	GYNURA	5.5 - 6.5	BAYBERRY	4.0 - 6.0	LITHOSPERMUM	5.0 - 6.5
CHERRY	6.0 - 7.5	THYME	5.5 - 7.0	HEDERA (IVY)	6.0 - 8.0	BERGENIA	6.0 - 7.5	LOBELIA	6.5 - 7.5
CRANBERRY	5.5 - 6.5	TOMATO	5.5 - 7.5	HELIOTROPIUM	5.0 - 6.0	BLEEDING HEART	6.0 - 7.5	LUPINUS	5.5 - 7.0
CURRENT: Black	6.0 - 8.0	TURNIP	5.5 - 7.0	HENS AND CHICKENS	6.0 - 7.0	BLUEBELL	6.0 - 7.6	MAGNOLIA	5.0 - 6.0
Red	5.5 - 7.0	WATER CRESS	6.0 - 8.0	HERRINGBONE PLANT	6.0 - 6.0	BROOM	5.0 - 6.0	MAHONIA	6.0 - 7.0
White	6.0 - 8.0	HOUSE & GREENHOUSE PLANTS		HIBISCUS PLANT	6.0 - 8.0	BUDDLEIA	6.0 - 7.0	MARIGOLD	5.5 - 7.0
DAMSON	6.0 - 7.5	ABUTILON	5.5 - 6.5	HOYA	5.0 - 6.5	BUPHTHALUM	6.0 - 8.0	MOLINIA	4.0 - 5.0
GOOSEBERRY	5.0 - 6.5	ACORUS	5.0 - 6.5	IMPATIENS	5.5 - 6.5	BUTTERFLY BUSH	4.0 - 6.0	MORAEA	5.5 - 6.5
GRAPEVINE	6.0 - 7.0	AECHMEA	5.0 - 5.5	IVY TREE	6.0 - 7.0	CALENDULA	5.5 - 7.0	MORNING GLORY	6.0 - 7.5
GRAPEFRUIT	6.0 - 7.5	AFRICAN VIOLET	6.0 - 7.0	JACARANDA	6.0 - 7.5	CAMASSIA	6.0 - 8.0	MOSS	6.0 - 8.0
HAZELNUT	6.0 - 7.0	AGLAONEMA	5.0 - 6.0	JAPANESE SEDGE	6.0 - 8.0	CANDYTUFT	6.0 - 7.5	MOSS, SPHAGNUM	3.5 - 5.0
HOP	6.0 - 7.5	AMARYLIS	5.5 - 6.5	JASMINUM	5.5 - 7.0	CANNA	6.0 - 8.0	MYOSOTIS	6.0 - 7.0
HUCKLEBERRY	4.0 - 6.0	ANTHURIUM	5.0 - 6.0	JERUSALEM CHERRY	5.5 - 6.5	CANTERBURY BELLS	7.0 - 7.5	NARCISSUS	6.0 - 8.5
LEMON	6.0 - 7.0	APHELANDRA	5.0 - 6.0	JESSAMONE	5.0 - 6.0	CARDINAL FLOWER	4.0 - 6.0	NASTURTIUM	5.5 - 7.5
LYCHEE	6.0 - 7.0	ARAUCARIA	5.0 - 6.0	KALANCHOE	6.0 - 7.5	CARNATION	6.0 - 7.5	NICOTIANA	5.5 - 6.5
MANGO	5.0 - 6.0	ASPARAGUS FERN	6.0 - 8.0	KANGAROO THORN	6.0 - 8.0	CATALPA	6.0 - 8.0	PACHYSANDRA	5.0 - 8.0
MELON	5.5 - 6.5	ASPIDISTRA	4.0 - 5.5	KANGAROO VINE	5.0 - 6.5	CELOSIA	6.0 - 7.0	PAEONIA	6.0 - 7.5
MULBERRY	6.0 - 7.5	AZALEA	4.5 - 6.0	LANTANA	5.5 - 7.0	CENTAUREA	5.0 - 6.5	PANSY	5.5 - 7.0
NECTARINE	6.0 - 7.5	BABY'S BREATH	6.0 - 7.5	LAURUS (BAY TREE)	5.0 - 6.0	CERASTIUM	6.0 - 7.0	PASSION FLOWER	6.0 - 8.0
PEACH	6.0 - 7.5	BABY'S TEARS	5.0 - 6.0	LEMON PLANT	6.0 - 7.5	CHRYSANTHEMUM	6.0 - 7.0	PASQUE FLOWER	5.0 - 6.0
PEAR	6.0 - 7.5	BEGONIA	5.5 - 7.0	MIMOSA	5.5 - 7.0	CISSUS	6.0 - 7.5	PAULOWNIA	6.0 - 8.0
PINEAPPLE	5.0 - 6.0	BIRD OF PARADISE	6.0 - 6.5	MIND YOUR OWN BUSINESS	5.0 - 5.5	CISTUS	6.0 - 7.5	PENSTEMON	5.5 0 7.0
PLUM	6.0 - 7.5	BISHOP'S CAP	5.0 - 6.0	MONSTERA	5.0 - 6.0	CLARKIA	6.0 - 6.5	PERIWINKLE	6.0 - 7.5
POMEGRANATE	5.5 - 6.5	BLACK-EYED SUSAN	5.5 - 7.5	MYRTLE	6.0 - 8.0	CLIANTHUS	6.0 - 7.5	PETUNIA	6.0 - 7.5
QUINCE	6.0 - 7.5	BLOOD LEAF	5.5 - 6.5	NEVER NEVER PLANT	5.0 - 6.0	CLEMATIS	5.5 - 7.0	PINKS	6.0 - 7.5
RASPBERRY	5.0 - 7.5	BOTTLEBRUSH	6.0 - 7.5	NICODEMIA (INDOOR OAK)	6.0 - 8.0	COLCHICUM	5.5 - 6.5	POLYGONUM	6.0 - 7.5
RHUBARB	5.5 - 7.0	BOUGAINVILLEA	5.5 - 7.5	NORFOLK ISLAND PINE	5.0 - 6.0	COLUMBINE	6.0 - 7.0	POLYANTHUS	6.0 - 7.5
STRAWBERRY	5.0 - 7.5	BOXWOOD	6.0 - 7.5	OLEANDER	6.0 - 7.5	CONVOLVULUS	6.0 - 8.0	POPPY	6.0 - 7.5
WATERMELON	5.5 - 6.5	BROMELIADS	5.0 - 7.5	OPLISMENIUS	5.0 - 6.0	COREOPSIS	5.0 - 6.0	PORTULACA	5.5 - 7.5
VEGETABLES & HERBS		BUTTERFLY FLOWER	6.0 - 7.5	ORCHID	4.5 - 5.5	CORONILLA	6.5 - 7.5	PRIMROSE	5.5 - 6.5
ARTICHOKE	6.5 - 7.5	CACTI	4.5 - 6.0	OXALIS	6.0 - 8.0	CORYDALIS	6.0 - 8.0	PRIMULA	6.0 - 7.5
ASPARAGUS	6.0 - 8.0	CALCAOLARIA	6.0 - 7.0	PALMS	6.0 - 7.5	COSMOS	5.0 - 8.0	PRIVET	5.0 - 7.5
BASIL	5.5 - 6.5	CALADIUM	5.0 - 6.0	PANDANUS	5.0 - 6.0	COTTONEASTER	6.0 - 8.0	PRUNELLA	6.0 - 7.5
BEAN	6.0 - 7.5	CALLA LILY	6.0 - 7.0	PEACOCK PLANT	5.0 - 6.0	CRAB APPLE	6.0 - 7.5	PRUNUS	6.5 - 7.5
(Runner, Broad, French)		CAMELIA	4.5 - 5.5	PELLIONIA	5.0 - 6.0	CROCUS	6.0 - 8.0	PYRETHRUM	6.0 - 7.5
BEETROOT	6.0 - 7.5	CAMPANULA	5.5 - 6.5	PEPEROMIA	5.0 - 6.0	CYNOGLOSSUM	6.0 - 7.5	RED HOT POKER	6.0 - 7.5
BROCCOLI	6.0 - 7.0	CAPSIUM	5.0 - 6.5	PHILODENDRON	5.0 - 6.0	DAFFODIL	6.0 - 6.5	RHODODENDREN	4.5 - 6.0
BRUSSELS SPROUTS	6.0 - 7.5	CARDINAL FLOWER	5.0 - 6.0	PILEA	6.0 - 8.0	DAHLIA	6.0 - 7.5	ROSES:	
CABBAGE	6.0 - 7.5	CASTOR OIL PLANT	5.5 - 6.5	PLUMBAGO	5.5 - 6.5	DAY LILY	6.0 - 8.0	HYBRID TEA	5.5 - 7.0
CALABRESE	6.5 - 7.5	CANTURY PLANT	5.0 - 6.5	PODACARPUS	5.0 - 6.5	DELPHINIUM	6.0 - 7.5	CLIMBING	6.0 - 7.0
CARROT	5.5 - 7.0	CHINESE EVERGREEN	5.0 - 6.0	POINTSETTIA	6.0 - 7.5	DEUTZIA	6.0 - 7.5	RAMBLING	5.5 - 7.0
CAULIFLOWER	5.5 - 7.5	CHINESE PRIMROSE	6.0 - 7.5	POLYSCIAS	6.0 - 7.5	DIANTHUS	6.0 - 7.5	SALVIA	6.0 - 7.5
CELERY	6.0 - 7.0	CHRISTMAS CACTUS	5.0 - 6.5	POTHOS	5.0 - 6.0	DOGWOOD	5.0 - 7.0	SCABIOSA	5.0 - 7.5
CHICORY	5.0 - 6.5	CINERARIA	5.5 - 7.0	PRAYER PLANT	5.0 - 6.0	EDELWEISS	6.5 - 7.5	SEDUM	6.0 - 7.5
CHINESE CABBAGE	6.0 - 7.5	CLERODENDRUM	5.0 - 6.0	PUNICA	5.5 - 6.5	ELAEAGNUS	5.0 - 7.5	SNAPDRAGON	5.5 - 7.0
CHIVES	6.0 - 7.0	CLIVIA	5.5 - 6.5	SANSERIERIA	4.5 - 7.0	ENKIANTHUS	5.0 - 6.0	SNOWDROP	6.0 - 8.0
CORN - SWEET	5.5 - 7.0	COCKSCOMB	6.0 - 7.0	SAXIFRAGA	6.0 - 8.0	ERICA	4.5 - 6.0	SOAPWORT	6 0 7.5
CRESS	6.0 - 7.0	COFFEE PLANT	5.0 - 6.0	SCINDAPSUS	5.0 - 6.0	EUPHORBIA	6.0 - 7.0	SPEEDWELL	5.5 - 6.5
COURGETTES	5.5 - 7.0	COLEUS	6.0 - 7.0	SHRIMP PLANT	6.0 - 7.0	EVERLASTINGS	5.0 - 6.0	SPIRAEA	6.0 - 7.5
CUCUMBER	5.5 - 7.5	COLUMNEA	4.5 - 5.5	SPANISH BAYONET	6.0 - 7.5	FIRETHORN	6.0 - 8.0	SPRUCE	4.0 - 5.0
FENNEL	5.0 - 6.0	CORAL BERRY	5.5 - 7.5	SPIDER PLANT	6.0 - 7.5	FORGET-ME-NOTS	6.0 - 7.0	STOCK	6.0 - 7.5
GARLIC	5.5 - 7.5	CRASSULA	5.0 - 6.0	SUCCULENTS	5.0 - 6.5	FORSYTHIA	6.0 - 8.0	STONECROP	6.5 - 7.5
GINGER	6.0 - 8.0	CREEPING FIG	5.0 - 6.0	SYNOGONIUM	5.0 - 6.0	FOXGLOVE	6.0 - 7.5	SUMACK	5.0 - 6.5
HORSERADISH	6.0 - 7.0	CROTON	5.0 - 6.0	TOLMIEA	5.0 - 6.0	FRITILLARIA	6.0 - 7.5	SUNFLOWER	5.0 - 7.0
KALE	6.0 - 7.5	CROWN OF THORNS	6.0 - 7.5	TRADESCANTIA	5.0 - 6.0	FUCHSIA	5.5 - 7.5	SWEET PEA	6.0 - 7.5
KOHLRABI	6.0 - 7.5	CUPHEA	6.0 - 7.5	UMBRELLA TREE	5.0 - 7.5	GAILLARDIA	6.0 - 7.5	SWEET WILLIAM	6.0 - 7.5
LEEK	6.0 - 8.0	CYCLAMEN	6.0 - 7.0	VENUS FLYTRAP	4.0 - 5.0	GAZANIA	5.5 - 7.0	TAMARIX	6.5 - 8.0
LENTIL	5.5 - 7.0	CYPERUS	5.0 - 7.5	WEEPING FIG	5.0 - 6.0	GENTIANA	5.0 - 7.5	TRILLIUM	5.0 - 6.5
LETTUCE	6.0 - 7.0	DIEFFENBACHIA	5.0 - 6.0	YUCCA	6.0 - 7.5	GENTIAN	6.0 - 7.5	TULIP	6.0 - 7.0
MARJORAM	6.0 - 8.0	DIPLODENIA	6.0 - 7.5	ZEBRINA	5.0 - 6.0	GLADIOILI	6.0 - 7.0	VIBERNUM	5.0 - 7.5
MARROW	6.0 - 7.5	DIZGOTHECA	6.0 - 7.5	FLOWERS, TREES & SHRUBS		GLOBULARIA	5.5 - 7.0	VIOLA	5.5 - 6.5
MILLET	6.0 - 6.5	DRAACAENA	5.0 - 6.0	ABELIA	6.0 - 8.0	GODETIA	6.0 - 7.5	VIRGINIA CREEPER	5.0 - 7.5
MINT	7.0 - 8.0	EASTER LILY	6.0 - 7.0	ACACIA	6.0 - 8.0	GOLDEN ROD	5.0 - 7.0	WALLFLOWER	5.5 - 7.5
MUSHROOM	6.5 - 7.5	ELEPHANT'S EAR	5.0 - 6.0	ACANTHUS	6.0 - 7.0	GYPSOPHILIA	6.0 - 7.5	WATER LILY	5.5 - 6.5
MUSTARD	6.0 - 7.5	EPISCIA	6.0 - 7.0	ACONITUM	5.0 - 6.0	HAWTHORN	6.0 - 7.0	WEIGELIA	6.0 - 7.5
OLIVE	5.5 - 6.5	EUONYMOUS	6.0 - 8.0	ADONIS	6.0 - 8.0	HEATHER	4.0 - 6.0	WISTARIA	6.0 - 8.0
ONION	6.0 - 7.0	FERNS:		AGERATUM	6.0 - 7.5	HELLIANTHUS	5.0 - 7.0	ZINNIA	5.5 - 7.5
PAPRIKA	7.0 - 8.5	BIRD'S NEST	5.0 - 5.5	AILANTHUS	6.0 - 7.5	HELLEBORUS	6.0 - 7.5	TURF & ORNAMENTAL GRASSES	
PARSLEY	5.0 - 7.0	BOSTON	5.5 - 6.5	AJUGA	4.0 - 6.0	HOLLY	5.0 - 6.5	BAHAI	6.5 - 7.5
PARSNIP	5.5 - 7.5	BUTTON	6.0 - 8.0	ALTHEA	6.0 - 7.5	HOLLYHOCK	6.0 - 7.5	BENT	5.5 - 6.5
PEA	6.0 - 7.5	CHRISTMAS	6.0 - 7.5	ALYSSUM	6.0 - 7.5	HONEYSUCKLE	6.0 - 7.5	BERMUDA	6.0 - 7.0
PEANUT	5.0 - 6.5	CLOAK	6.0 - 7.5	AMARANTHUS	6.0 - 6.5	HYACINTH	6.5 - 7.5	CANADA BLUE	4.5 - 6.4
PECAN	4.0 - 6.0	FEATHER	5.5 - 6.5	ANCHUSA	6.0 - 6.5	HYDRANGEA (Blue)	4.0 - 5.0	CLOVER	6.0 - 7.0
PEPPER	5.5 - 7.0	HART'S TONGUE	7.0 - 8.0	ANDROSACE	6.0 - 7.5	HYDRANGEA (Pink)	6.0 - 7.0	KENTUCKY BLUE	6.0 - 7.5
PEPPERMINT	6.0 - 7.5	HOLLY	4.5 - 6.0	ANEMONE	5.0 - 6.0	HYDRANGEA (White)	6.5 - 8.0	MEADOW	6.0 - 7.5
PISTACHIO	5.0 - 6.0	MAIDENHAIR	6.0 - 8.0	ANTHYLLIS	6.0 - 7.5	HYPERICUM	5.5 - 7.0	PAMPAS	6.0 - 8.0
POTATO	4.5 - 6.0	RABBITS FOOT	6.0 - 7.5	ARBUTUS	5.0 - 6.0	IRIS	5.0 - 6.5	RED TOP	6.0 - 6.5
POTATO - SWEET	5.5 - 6.0	SPLEENWORT	6.0 - 7.5	ARENARIA	4.0 - 6.0	IVY	6.0 - 7.5	RYE	6.0 - 7.0
PUMPKIN	5.5 - 7.5	FIG	5.0 - 6.0	ARISTEA	6.0 - 8.0	J			