

Susceptibility of Bedding Plants, Woody, Perennial and Other Ornamentals to Four Species of Root-Knot Nematodes

Plant	Species	Cultivar	Common Name	<i>M. incognita</i> race					<i>M. javanica</i>			<i>M. arenaria</i> race			<i>M. hapla</i>	Source
				1	2	3	4	?	1	2	?	1	2	?		
<i>Abelia</i>	<i>X randiflora</i>		Glossy Abelia												S	Bernard & Witte, 1987
<i>Acanthus</i>	<i>spinosissiums</i>		Bears Breeches												S	LaMondia, 1995
<i>Acer</i>	<i>palmatum</i>		Japanese Maple												R	Bernard & Witte, 1987
<i>Acer</i>	<i>saccharum</i>		Sugar Maple												R	Bernard & Witte, 1987
<i>Achillea</i>	<i>spp.</i>	Coronation Gold	Yarrow												R	LaMondia, 1995
<i>Achillea</i>		X Anthea						S							S	Walker & Melin, 1998
<i>Aconitum</i>	<i>arendsii</i>		Monkshood												S	LaMondia, 1995
<i>Aconitum</i>	<i>pyrenium</i>														S	LaMondia, 1997
<i>Acorus</i>	<i>calamus</i>									S						Haseeb & Pandey, 1987
<i>Adenophora</i>	<i>confusa</i>		Ladybells												S	LaMondia, 1996
<i>Aethionema</i>	<i>cordifolium</i>		Stone Cress					R							R	Walker & Melin, 1998
<i>Ageratum</i>	<i>houstonianum</i>	Blue Blazer	Ageratum				R									Walker et al., 1994
<i>Ageratum</i>	<i>houstonianum</i>	Blue Danube	Ageratum				R									Walker et al., 1994
<i>Ageratum</i>	<i>houstonianum</i>	Blue Mink	Ageratum	R						R	R					McSorley & Frederick, 1994
<i>Ageratum</i>	<i>houstonianum</i>	Hawaii White	Ageratum				R									Walker et al., 1994
<i>Ageratum</i>	<i>houstonianum</i>	Royal Delft	Ageratum				R									Walker et al., 1994
<i>Ajuga</i>	<i>reptans</i>	Bronze Beauty	Bugleweed												S	LaMondia, 1997
<i>Ajuga</i>	<i>reptans</i>	Burgundy Glow	Bugleweed												S	LaMondia, 1995
<i>Alchemilla</i>	<i>mollis</i>	Improved Form	Lady's Mantle												SL	LaMondia, 1995
<i>Aloe</i>	<i>barbadensis</i>							S	S							Haseeb & Pandey, 1987
<i>Aloe</i>	<i>perryi</i>							S	S							Haseeb & Pandey, 1987
<i>Alpina</i>	<i>galanga</i>									S						Haseeb & Pandey, 1987
<i>Althea</i>	<i>rosea</i>	Chater's Doubles	Hollyhock												SL	LaMondia, 1995
<i>Anchusa</i>	<i>azurea</i>	Dropmore	Alkanet												S	LaMondia, 1996
<i>Andrographis</i>	<i>paniculata</i>							S								Haseeb & Pandey, 1987
<i>Anemone</i>	<i>japonica</i>														S	LaMondia, 1997
<i>Anemone</i>	<i>sylvestris</i>	Queen Charlotte	Windflower												S	LaMondia, 1996
<i>Antirrhinum</i>	<i>majus</i>	First Ladies	Snapdragon	S						S	S					McSorley & Frederick, 1994
<i>Antirrhinum</i>	<i>majus</i>	Margaret	Snapdragon					S		S				S	S	Tarjan, 1952
<i>Aquilegia</i>	<i>spp.</i>	Blue Star													S	LaMondia, 1995
<i>Arabis</i>	<i>caucasia</i>	Compinkie	Rockcress												SL	LaMondia, 1995
<i>Argyrea</i>	<i>speciosa</i>							S								Haseeb & Pandey, 1987
<i>Artemisia</i>	<i>spp.</i>	Silver Mound	Wormwood												S	LaMondia, 1995
<i>Asclepias</i>	<i>curassavica</i>							S	S							Haseeb & Pandey, 1987
<i>Asclepias</i>	<i>tuberosa</i>		Butterfly Weed												R	LaMondia, 1996

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				1	2	3	4	?	1	2	?	1	2	?		
<i>Aster</i>	<i>novae-angliae</i>	Harrington's Pink	Aster												R	LaMondia, 1995
<i>Aster</i>	<i>novae-angliae</i>	September Ruby	Aster												R	LaMondia, 1995
<i>Aster</i>	<i>novi-belgii</i>	Mt. Everest	Aster												R	LaMondia, 1997
<i>Astilbe</i>	<i>X arendsii</i>	Peach Blossom	Feather Flower												S	LaMondia, 1995
<i>Astrantia</i>	<i>major</i>	Rose Symphony	Masterwort												S	LaMondia, 1996
<i>Barringtonia</i>	<i>acutangula</i>							S	S							Haseeb & Pandey, 1987
<i>Begonia</i>	<i>X florens</i>	Cocktail Gin	Begonia			S										Walker et al., 1994
<i>Begonia</i>	<i>X florens</i>	Cocktail Vodka	Begonia			SL										Walker et al., 1994
<i>Begonia</i>	<i>X florens</i>	Encore White Bronze	Begonia			S										Walker et al., 1994
<i>Begonia</i>	<i>X florens</i>	Party Love	Begonia			S										Walker et al., 1994
<i>Begonia</i>	<i>X florens</i>	Pizzazz Deep Rose	Begonia			S										Walker et al., 1994
<i>Belamcanda</i>	<i>chinensis</i>		Blackberry Lily												R	LaMondia, 1995
<i>Boltonia</i>	<i>asteroides</i>	Pink Beauty	Bolton's Aster												S	LaMondia, 1996
<i>Borago</i>	<i>officinalis</i>		Borage	S		S				S	S					Moreno et. al, 1992
<i>Buxus</i>	<i>harlandii</i>		Korean Boxwood												SL	Bernard & Witte, 1987
<i>Buxus</i>	<i>microphylla</i>		Japanese Boxwood				S					S				William-Woodward & Davis, 2001
<i>Buxus</i>	<i>sempervirens</i>		Boxwood												SL	Bernard & Witte, 1987
<i>Callistemon</i>	<i>citrinus</i>							S								Haseeb & Pandey, 1987
<i>Callistemon</i>	<i>lanceolata</i>							S	S							Haseeb & Pandey, 1987
<i>Campanula</i>	<i>poscharskyana</i>		Bell Flower												S	LaMondia, 1995
<i>Catharanthus</i>	<i>roseus</i>	Blush Cooler	Vinca			S				S						McSorley & Frederick, 2001
<i>Catharanthus</i>	<i>roseus</i>	Carpet Dawn	Vinca			SL										Walker et al., 1994
<i>Catharanthus</i>	<i>roseus</i>	Grape Cooler	Vinca			SL				R						McSorley & Frederick, 2001
<i>Catharanthus</i>	<i>roseus</i>	Little Blanche	Vinca			SL										Walker et al., 1994
<i>Catharanthus</i>	<i>roseus</i>	Little Bright Eyes	Vinca			S				S						McSorley & Frederick, 2001
<i>Catharanthus</i>	<i>roseus</i>	Little Delicata	Vinca			SL										Walker et al., 1994
<i>Catharanthus</i>	<i>roseus</i>	Little Mixed Colors	Vinca			S				S						McSorley & Frederick, 2001
<i>Catharanthus</i>	<i>roseus</i>	Peppermint Cooler	Vinca			S				S						McSorley & Frederick, 2001
<i>Catharanthus</i>	<i>roseus</i>	Polka Dot	Vinca			SL										Walker et al., 1994
<i>Celastrus</i>	<i>paniculatus</i>							S								Haseeb & Pandey, 1987
<i>Celosia</i>	<i>argentea</i>	Century Mix	Celosia	S						S	S					McSorley & Frederick, 1994
<i>Celosia</i>	<i>plumosa</i>	Apricot Brandy	Celosia			S										Walker et al., 1994
<i>Celosia</i>	<i>plumosa</i>	Castle Scarlet	Celosia			S										Walker et al., 1994
<i>Celosia</i>	<i>plumosa</i>	Fireglow	Celosia			S										Walker et al., 1994
<i>Celosia</i>	<i>plumosa</i>	Kimona Cream	Celosia			S										Walker et al., 1994
<i>Centranthus</i>	<i>ruber</i>	Albus	Valerian												S	LaMondia, 1996
<i>Chelone</i>	<i>obliqua</i>		Turtlehead												R	LaMondia, 1995

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				1	2	3	4	?	1	2	?	1	2	?		
<i>Chrysanthemum</i>	<i>coccineum</i>	Giant Hybrids	Painted Daisy												S	LaMondia, 1995
<i>Chrysanthemum</i>	<i>maximum</i>	Alaska	Shasta Daisy	S												McSorley, 1994
<i>Chrysanthemum</i>	<i>parthenium</i>		Feverfew												S	LaMondia, 1995
<i>Chrysanthemum</i>	<i>X superbum</i>	Exhibition	Shasta Daisy												R	LaMondia, 1995
<i>Chrysanthemum</i>	<i>X superbum</i>	Polaris	Shasta Daisy												S	LaMondia, 1995
<i>Cimicifuga</i>	<i>acerina</i>		Fairy Candles												S	LaMondia, 1995
<i>Cimicifuga</i>	<i>dahurica</i>		Fairy Candles												S	LaMondia, 1995
<i>Cimicifuga</i>	<i>simplex</i>	White Pearl	Fairy Candles												S	LaMondia, 1995
<i>Cissus</i>	<i>quadrangularis</i>									S						Haseeb & Pandey, 1987
<i>Clematis</i>	<i>spp.</i>	Hagley Hybrid	Clematis												S	LaMondia, 1995
<i>Coleus</i>	<i>blumei</i>	Rainbow	Coleus	S						S	S					McSorley & Frederick, 1994
<i>Coreopsis</i>	<i>verticillata</i>	Moonbeam	Tickseed												S	LaMondia, 1995
<i>Cornus</i>	<i>florida</i>		Flowering Dogwood												S	Bernard & Witte, 1987
<i>Costus</i>	<i>speciosus</i>							S	S							Haseeb & Pandey, 1987
<i>Crataeva</i>	<i>nurvala</i>							S								Haseeb & Pandey, 1987
<i>Delphinium</i>	<i>grandiflorum</i>	Blue Mirror	Delphinium												S	LaMondia, 1995
<i>Dianthus</i>	<i>barbatus</i>	Indian Carpet	Sweet William												R	LaMondia, 1995
<i>Dianthus</i>	<i>chinensis</i>	Baby Doll Mix	Dianthus	S						SL	SL / S					McSorley, 1994
<i>Dianthus</i>	<i>chinensis</i>	Princess Scarlet	Dianthus			S										Walker et al., 1994
<i>Dicentra</i>	<i>spp.</i>	Alba	Bleeding Heart												S	LaMondia, 1995
<i>Digitalis</i>	<i>ambigua</i>		Foxglove												SL	LaMondia, 1995
<i>Digitalis</i>	<i>lanata</i>							S	S							Haseeb & Pandey, 1987
<i>Digitalis</i>	<i>purpurea</i>		Foxglove					S								Haseeb & Pandey, 1987
<i>Digitalis</i>	<i>purpurea</i>	Excelsior Hybrids	Foxglove												SL	LaMondia, 1995
<i>Doronicum</i>	<i>spp.</i>	Magnificum	Leopardbane												S	LaMondia, 1995
<i>Echinacea</i>	<i>purpurea</i>	Bright Star	Purple Coneflower												R	LaMondia, 1996
<i>Echinacea</i>	<i>purpurea</i>		Purple Coneflower					R						R		Walker & Melin, 1998
<i>Echinops</i>	<i>bannaticus</i>	Taplow Blue	Globe Thistle												SL	LaMondia, 1996
<i>Elytraria</i>	<i>actalis</i>									S						Haseeb & Pandey, 1987
<i>Epimedium</i>	<i>versicolor</i>	Sulphureum	Yellow Barrenwort												R	LaMondia, 1996
<i>Euonymus</i>	<i>alata</i>	Compacta	Burning Bush												R	Bernard & Witte, 1987
<i>Euphorbia</i>	<i>thymifolia</i>									S						Haseeb & Pandey, 1987
<i>Filipendula</i>	<i>venusta</i>	Venusta Magnifica	Meadowsweet												SL	LaMondia, 1995
<i>Flacourtia</i>	<i>indica</i>									S						Haseeb & Pandey, 1987
<i>Fragaria</i>		X Pink Panda						R						R		Walker & Melin, 1998
<i>Gaillardia</i>	<i>X grandiflora</i>	Goblin	Blanket Flower												R	LaMondia, 1995
<i>Gentiana</i>	<i>spp.</i>	Benichidori	Gentian												S	LaMondia, 1996

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				1	2	3	4	?	1	2	?	1	2	?		
<i>Geranium</i>	<i>cinereum</i>	Laurence Flatman							S					S		Walker & Melin, 1998
<i>Geranium</i>	<i>dalmaticum</i>		Cranesbill												S	LaMondia, 1995
<i>Geranium</i>	<i>endressii</i>	Wargrave Pink													S	LaMondia, 1997
<i>Geranium</i>	<i>X magnificum</i>		Cranesbill												S	LaMondia, 1996
<i>Geranium</i>	<i>X oxonianum</i>	Thurstonianum	Cranesbill												S	LaMondia, 1996
<i>Geranium</i>		X Ann Folkard							S					S		Walker & Melin, 1998
<i>Gerbera</i>	<i>jamesonii</i>	<i>Nain-Crimson</i>	Gerbera				SL									Walker et al., 1994
<i>Gymnema</i>	<i>sylvestre</i>									S						Haseeb & Pandey, 1987
<i>Gyposophila</i>	<i>elegans</i>	Covent Garden	Gypsophila	S												McSorley, 1994
<i>Helenium</i>	<i>autumnale</i>	Brilliant	Sneezeweed											R		LaMondia, 1995
<i>Helicotrichon</i>	<i>sempervirens</i>		Blue Oat Grass											S		LaMondia, 1996
<i>Heliopsis</i>	<i>helianthoides</i>	Karat	Orange Sunflower											S		LaMondia, 1995
<i>Hemerocallis</i>	<i>spp.</i>	Bright Banner	Daylily											SL		LaMondia, 1996
<i>Heuchera</i>	<i>cylindrica</i>	<i>glabella</i> 'Green Ivory'							S					S		Walker & Melin, 1998
<i>Heucherella</i>		Bridget Bloom							S					S		Walker & Melin, 1998
<i>Hydrangea</i>	<i>paniculata grandiflora</i>		Old Fashioned Snowball											S		Bernard & Witte, 1987
<i>Hygrophila</i>	<i>auriculata</i>								S	S						Haseeb & Pandey, 1987
<i>Hypericum</i>	<i>polyphyllum</i>		Saint John's Wort											S		LaMondia, 1995
<i>Ilex</i>	<i>cornuta</i>	Carissa	Chinese Holly			R					SL					William-Woodward & Davis, 2001
<i>Ilex</i>	<i>crenata</i>	Compacta	Japanese Holly			S					S					William-Woodward & Davis, 2001
<i>Ilex</i>	<i>crenata</i>	Green Luster	Japanese Holly			S					S					William-Woodward & Davis, 2001
<i>Ilex</i>	<i>crenata</i>	Helleri	Japanese Holly			S					S					William-Woodward & Davis, 2001
<i>Ilex</i>	<i>crenata</i>	Hetzii	Hetz Japanese Holly											R		Bernard & Witte, 1987
<i>Ilex</i>	<i>glabra</i>	Shamrock	Inkberry			R					R					William-Woodward & Davis, 2001
<i>Ilex</i>	<i>vomitorea</i>	Schelling's Dwarf	Yaupon Holly			R					R					William-Woodward & Davis, 2001
<i>Ilex</i>	<i>X attenuata</i>	Foster No. 2	Foster No. 2 Holly											R		Bernard & Witte, 1987
<i>Ilex</i>		Little Red™	Red Holly Hybrid				S				S					William-Woodward & Davis, 2001
<i>Ilex</i>		Nellie R. Stevens	Nellie R. Stevens Holly											R		Bernard & Witte, 1987
<i>Impatiens</i>	<i>holstii</i>	Aztec	Impatiens											S		Walker, 1980
<i>Impatiens</i>	<i>holstii</i>	Chickasaw	Impatiens											S		Walker, 1980
<i>Impatiens</i>	<i>holstii</i>	Chippewa	Impatiens											S		Walker, 1980
<i>Impatiens</i>	<i>holstii</i>	Creek	Impatiens											S		Walker, 1980
<i>Impatiens</i>	<i>holstii</i>	Fuchsia	Impatiens											S		Walker, 1980
<i>Impatiens</i>	<i>holstii</i>	Futura Red	Impatiens											S		Walker, 1980
<i>Impatiens</i>	<i>holstii</i>	Futura White	Impatiens											S		Walker, 1980
<i>Impatiens</i>	<i>holstii</i>	Garden Blue	Impatiens											S		Walker, 1980
<i>Impatiens</i>	<i>holstii</i>	Hopi	Impatiens											S		Walker, 1980

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				1	2	3	4	?	1	2	?	1	2	?		
<i>Impatiens</i>	<i>holstii</i>	Maya	Impatiens											S		Walker, 1980
<i>Impatiens</i>	<i>holstii</i>	Navajo	Impatiens											S		Walker, 1980
<i>Impatiens</i>	<i>holstii</i>	PI 354261	Impatiens											S		Walker, 1980
<i>Impatiens</i>	<i>holstii</i>	PI 354264	Impatiens											S		Walker, 1980
<i>Impatiens</i>	<i>holstii</i>	PI 354265	Impatiens											S		Walker, 1980
<i>Impatiens</i>	<i>holstii</i>	Scarlet	Impatiens											S		Walker, 1980
<i>Impatiens</i>	<i>holstii</i>	Scarlet Baby	Impatiens											S		Walker, 1980
<i>Impatiens</i>	<i>holstii</i>	Series F1 (Pink)	Impatiens											S		Walker, 1980
<i>Impatiens</i>	<i>holstii</i>	Series F1 (Rose)	Impatiens											S		Walker, 1980
<i>Impatiens</i>	<i>holstii</i>	Series F1 (Salmon)	Impatiens											S		Walker, 1980
<i>Impatiens</i>	<i>holstii</i>	Shawnee	Impatiens											S		Walker, 1980
<i>Impatiens</i>	<i>holstii</i>	Twinkles	Impatiens											S		Walker, 1980
<i>Iris</i>	<i>germanica</i>	Afternoon Delight	Impatiens												S	LaMondia, 1995
<i>Iris</i>	<i>pumila</i>	Elfin Queen	Dwarf Iris												SL	LaMondia, 1995
<i>Iris</i>	<i>siberica</i>	Maranantha	Siberian Iris												R	LaMondia, 1995
<i>Ixora</i>	<i>arborea</i>									S						Haseeb & Pandey, 1987
<i>Ixora</i>	<i>casei</i>	Super King		R						R						Giblin-Davis et al., 1992
<i>Ixora</i>	<i>coccinea</i>	Maui		S						S						Giblin-Davis et al., 1992
<i>Ixora</i>	<i>coccinea</i>	Nora Grant		R						R						Giblin-Davis et al., 1992
<i>Ixora</i>	<i>coccinea</i>	Petite Red		S						S						Giblin-Davis et al., 1992
<i>Ixora</i>	<i>coccinea</i>	Petite Yellow		SL						S						Giblin-Davis et al., 1992
<i>Ixora</i>	<i>coccinea</i>	Singapore		SL						S						Giblin-Davis et al., 1992
<i>Ixora</i>	<i>coccinea</i>			S						S						Giblin-Davis et al., 1992
<i>Ixora</i>	<i>coccinea X I. chinensis</i>	Bonnie Lynn		S						S						Giblin-Davis et al., 1992
<i>Jasminum</i>	<i>humile</i>									S						Haseeb & Pandey, 1987
<i>Juniperus</i>	<i>chinensis</i>	Hetzii Glauca	Blue Hetz Juniper												R	Bernard & Witte, 1987
<i>Juniperus</i>	<i>conferta</i>	Blue Pacific	Blue Pacific Shore Juniper												R	Bernard & Witte, 1987
<i>Juniperus</i>	<i>horizontalis</i>	Plumosa	Andorra Juniper					R							R	Bernard & Witte, 1987 & Namac & Morrison, 1971
<i>Lantana</i>	<i>camara</i>	Miss Huff	Lantana			R					R					William-Woodward & Davis, 2001
<i>Lantana</i>	<i>camara</i>	New Gold	Lantana			SL					R					William-Woodward & Davis, 2001
<i>Lathyrus</i>	<i>latifolius</i>		Sweet Pea												S	LaMondia, 1995
<i>Lavandula</i>	<i>angustifolia</i>	Munstead Dwarf	Lavender												S	LaMondia, 1995
<i>Lavendula</i>	<i>spica</i>		Lavender	S	S					S	S					Moreno et. al, 1992
<i>Liatris</i>	<i>scariosa</i>	White Spires	Gay Feather												R	LaMondia, 1995
<i>Ligularia</i>	<i>dentata</i>	Desdemona Strain	Senecio												S	LaMondia, 1995
<i>Ligustrum</i>	<i>sinensis</i>	Variegatum	Variegated Chinese Privet												S	Bernard & Witte, 1987

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<i>Linaria</i>	<i>cymbalaria</i>		Toadflax						S					S		Walker & Melin, 1998
<i>Liriope</i>	<i>muscari</i>	Variegata	Lilyturf												R	LaMondia, 1996
<i>Lithospermum</i>	<i>diffusa</i>	Grace Ward	Lithodora												R	LaMondia, 1996
<i>Lobelia</i>	<i>cardinalis</i>	Complement Scarlet	Cardinal Flower												S	LaMondia, 1995
<i>Lobelia</i>	<i>X gerardii</i>	Vedrariensis													R	LaMondia, 1997
<i>Lobularia</i>	<i>maritime</i>	Rosie O'Day	Alyssum							R	R					McSorley & Frederick, 1994
<i>Lupinus</i>	<i>spp.</i>	Russel Hybrids	Lupinus												S	LaMondia, 1995
<i>Lycopersicon</i>	<i>esculentum</i>	Rutgers	Tomato												S	LaMondia, 1995
<i>Lysimachia</i>	<i>clethroides</i>		Circle Flower												S	LaMondia, 1996
<i>Lythrum</i>	<i>spp.</i>	Morden's Pink	Purple Loosestrife												S	LaMondia, 1995
<i>Magnolia</i>	<i>X soulangiana</i>	Alexandrina	Alexandrina Saucer Magnolia												R	Bernard & Witte, 1987
<i>Malva</i>	<i>alcea</i>	Fastigiata	Rose Mallow												S	LaMondia, 1996
<i>Malva</i>	<i>moschata</i>	Alba	Musk Mallow												SL	LaMondia, 1995
<i>Mellisa</i>	<i>officinalis</i>									S						Haseeb & Pandey, 1987
<i>Metasequoia</i>	<i>glyptostroboides</i>		Dawn Redwood												R	Bernard & Witte, 1987
<i>Miscanthus</i>	<i>sinensis</i>	Silberfeder	Silver Feather												S	LaMondia, 1996
<i>Monarda</i>	<i>citriodora</i>		Lemon Bee-Balm						R						R	Walker & Melin, 1998
<i>Monarda</i>	<i>didyma</i>	Cambridge Scarlet	Blue Stockings						R						R	Walker & Melin, 1998
<i>Monarda</i>	<i>didyma</i>	Cambridge Scarlet	Bee Balm												R	LaMondia, 1995
<i>Myosotis</i>	<i>alpestris</i>	Indigo Blue	Forget-Me-Not												R	LaMondia, 1996
<i>Nandina</i>	<i>domestica</i>		Nandina												S	Bernard & Witte, 1987
<i>Nepeta</i>	<i>nervosa</i>		Blue Carpet-Catmint						S						S	Walker & Melin, 1998
<i>Nicotiana</i>	<i>plumbaginifolia</i>								S							Haseeb & Pandey, 1987
<i>Nierembergia</i>	<i>hippomanica</i>		Purple Robe Coneflower						S						S	Walker & Melin, 1998
<i>Ocimum</i>	<i>basilicum</i>		Basil	S		S			S	S						Moreno et. al, 1992
<i>Ocimum</i>	<i>canum</i>								S	S						Haseeb & Pandey, 1987
<i>Ocimum</i>	<i>gratissimum</i>								S	S						Haseeb & Pandey, 1987
<i>Ocimum</i>	<i>kilmandescharicum</i>								S	S						Haseeb & Pandey, 1987
<i>Operculina</i>	<i>turpenthum</i>								S							Haseeb & Pandey, 1987
<i>Origanum</i>	<i>majorana</i>		Sweet Marjoram	S		R			R	R						Moreno et. al, 1992
<i>Origanum</i>	<i>onites</i>		Pot Marjoram	S		S			S	S						Moreno et. al, 1992
<i>Origanum</i>	<i>vulgare</i>		Oregano	S		R			S	S						Moreno et. al, 1992
<i>Pachysandra</i>	<i>procumbens</i>		Alleghany Spurge												R	LaMondia, 1995
<i>Pachysandra</i>	<i>terminalis</i>		Pachysandra												S	LaMondia, 1995
<i>Papaver</i>	<i>orientale</i>	Carousel	Oriental Poppy												R	LaMondia, 1995
<i>Papaver</i>	<i>orientale</i>	Oriental Red Perennial	Poppy	S												McSorley, 1994
<i>Passiflora</i> †	<i>edulis</i>	Falvicarpa	Passionfruit						R	R					R	Kirby, 1978

Plant	Species	Cultivar	Common Name	<i>M. incognita</i> race					<i>M. javanica</i>			<i>M. arenaria</i> race			<i>M. hapla</i>	Source
				1	2	3	4	?	1	2	?	1	2	?		
<i>Patrinia</i>	<i>scabiosifolia</i>		Patrinia						SL					R		Walker & Melin, 1998
<i>Penstemon</i>	<i>digitalis</i>	Husker Red	Beard Tongue												S	LaMondia, 1996
<i>Penstemon</i>		Purple Passion							S					S		Walker & Melin, 1998
<i>Penstemon</i>		Ruby							S					S		Walker & Melin, 1998
<i>Perovskia</i>	<i>atriplicifolia</i>		Russian Sage												S	LaMondia, 1996
<i>Pestemon</i>		Sour Grapes							S					S		Walker & Melin, 1998
<i>Petunia</i>	<i>X hybrida</i>	Dwarf Bedding	Petunia	S						S	S					McSorley & Frederick, 1994
<i>Petunia</i>	<i>X hybrida</i>	Fire Chief	Petunia	S						SL	S					McSorley, 1994
<i>Phlox</i>	<i>paniculata</i>	Eva Cullum	Garden Phlox						R					R		Walker & Melin, 1998
<i>Phlox</i>	<i>paniculata</i>	Fairest One	Garden Phlox											R		LaMondia, 1995
<i>Phlox</i>	<i>paniculata</i>	Franz Shubert	Garden Phlox						R					R		Walker & Melin, 1998
<i>Phlox</i>	<i>paniculata</i>	Oakington Blue	Garden Phlox						R					R		Walker & Melin, 1998
<i>Phlox</i>	<i>stolonifera</i>	Bruce's White	Creeping Phlox											R		LaMondia, 1995
<i>Photinia</i>	<i>X fraseri</i>		Fraser Photinia											S		Bernard & Witte, 1987
<i>Physostegia</i>	<i>virginiana</i>	Summer Snow	False Dragonhead											SL		LaMondia, 1996
<i>Pinus</i>	<i>strobus</i>		White Pine											R		Bernard & Witte, 1987
<i>Pinus</i>	<i>virginiana</i>		Virginia Pine											R		Bernard & Witte, 1987
<i>Plaederia</i>	<i>scandans</i>								S	S						Haseeb & Pandey, 1987
<i>Polemonium</i>	<i>reptans</i>	Firmament	Jacob's Ladder											S		LaMondia, 1995
<i>Polygonum</i>	<i>affine</i>	Dimity							R					R		Walker & Melin, 1998
<i>Potentilla</i>	<i>nepalensis</i>	Miss Wilmott	Cinquefoil											S		LaMondia, 1995
<i>Primula</i>	<i>japonica</i>	Red Field Hybrids												R		LaMondia, 1997
<i>Primula</i>	<i>X polyanthus</i>	Crescendo Mix	Primrose											R		LaMondia, 1995
<i>Prunus</i>	<i>cerasifera</i>	Atropurpurea	Purpleleaf Plum											R		Bernard & Witte, 1987
<i>Prunus</i>	<i>cistena</i>		Purpleleaf Sandcherry											R		Bernard & Witte, 1987
<i>Prunus</i>	<i>glandulosa</i>		Flowering Almond											R		Bernard & Witte, 1987
<i>Prunus</i>	<i>serrulata</i>	Kwanzan	Kwanzan Cherry											R		Bernard & Witte, 1987
<i>Prunus</i>	<i>X yedoensis</i>		Yoshino Cherry											R		Bernard & Witte, 1987
<i>Rhododendron</i>	<i>catawbiense</i>	Boursalt	Boursalt Catawba Rhododendron											R		Bernard & Witte, 1987
<i>Rhododendron</i>		Cannon's Double	Cannon's Double Deciduous Azalea											R		Bernard & Witte, 1987
<i>Rhododendron</i>		Girard's Rose	Girard's Rose Azalea											R		Bernard & Witte, 1987
<i>Rosa</i>	<i>spp.</i>	Dr. Huey	Rose											S		Santo & Lear, 1976
<i>Rosa</i>	<i>noisettiana</i>	Manetti	Rose											SL		Santo & Lear, 1976
<i>Rosa</i>	<i>odorata</i>		Rose											S		Santo & Lear, 1976
<i>Rosa</i>	<i>multiflora</i>		Rose											S		Santo & Lear, 1976
<i>Rosemarinus</i>	<i>officinalis</i>		Rosemary	S	S					S	S					Moreno et. al, 1992
<i>Rudbeckia</i>	<i>fulgida</i>	Goldsturm												R		LaMondia, 1997

Plant	Species	Cultivar	Common Name	<i>M. incognita</i> race					<i>M. javanica</i>			<i>M. arenaria</i> race			<i>M. hapla</i>	Source	
				1	2	3	4	?	1	2	?	1	2	?			
<i>Rudbeckia</i>	<i>spp.</i>	Gold Drop	Coneflower												R	LaMondia, 1995	
<i>Salvia</i>	<i>azurea</i>	Grandiflora	Meadow Sage												S	LaMondia, 1995	
<i>Salvia</i>	<i>haematodes</i>		Meadow Sage												S	LaMondia, 1995	
<i>Salvia</i>	<i>jurisicii</i>		Meadow Sage												S	LaMondia, 1995	
<i>Salvia</i>	<i>nemerosa</i>	Miss Indigo						S							S	Walker & Melin, 1998	
<i>Salvia</i>	<i>officinalis</i>		Sage	S		S			S		S					Moreno et. al, 1992	
<i>Salvia</i>	<i>splendes</i>	Bonfire	Salvia	R		R			SL							McSorley & Frederick, 1994, 2001	
<i>Salvia</i>	<i>splendes</i>	Carabiniere Red	Salvia			SL										Walker et al., 1994	
<i>Salvia</i>	<i>splendes</i>	Flare	Salvia			R			R							McSorley & Frederick, 2001	
<i>Salvia</i>	<i>splendes</i>	Hotline Red	Salvia			SL										Walker et al., 1994	
<i>Salvia</i>	<i>splendes</i>	Hotline White	Salvia			SL										Walker et al., 1994	
<i>Salvia</i>	<i>splendes</i>	Lady in Red	Salvia			R			R							McSorley & Frederick, 2001	
<i>Salvia</i>	<i>splendes</i>	Oxford Blue	Salvia			S			S							McSorley & Frederick, 2001	
<i>Salvia</i>	<i>splendes</i>	Rhea	Salvia			R										Walker et al., 1994	
<i>Salvia</i>	<i>splendes</i>	Sea Breeze	Salvia			SL			R							McSorley & Frederick, 2001	
<i>Salvia</i>	<i>splendes</i>	Victoria	Salvia			R			SL							McSorley & Frederick, 2001	
<i>Salvia</i>	<i>splendes</i>	Victoria Blue	Salvia			R										Walker et al., 1994	
<i>Sanguisorba</i>	<i>obtusata</i>		Japanese Burnet												S	LaMondia, 1996	
<i>Satureja</i>	<i>hortensis</i>		Summer Savory	S		S			S		S					Moreno et. al, 1992	
<i>Satureja</i>	<i>montana</i>		Winter Savory	S		S			S		S					Moreno et. al, 1992	
<i>Scabiosa</i>	<i>caucasica</i>	Fama	Pincushion Flower												S	LaMondia, 1995	
<i>Scoparia</i>	<i>dulcis</i>								S								Haseeb & Pandey, 1987
<i>Sidalecea</i>	<i>hybrida</i>	Party Girl	Miniature Holleyhock												R	LaMondia, 1996	
<i>Solidago</i>	<i>sphacelata</i>	Golden Fleece	Goldenrod												R	LaMondia, 1996	
<i>Spiraea</i>	<i>X bumalda</i>	Froebelii	Froebel Spirea												S	Bernard & Witte, 1987	
<i>Spiraea</i>	<i>X vanhouttei</i>		Vanhoutte Spirea												S	Bernard & Witte, 1987	
<i>Stachys</i>	<i>byzantina</i>	Lanatna	Lamb's Ear												S	LaMondia, 1995	
<i>Stokesia</i>	<i>laevis</i>	Blue Danube	Stokes Aster												SL	LaMondia, 1995	
<i>Tagetes</i>	<i>erecta</i>	Carnation	Marigold												S	Eisenback, 1987	
<i>Tagetes</i>	<i>erecta</i>	Hybrid, Inca Gold	Marigold			R										Walker et al., 1994	
<i>Tagetes</i>	<i>patula</i>	Dwarf Primrose	Marigold	R					R		R					McSorley & Frederick, 1994	
<i>Tagetes</i>	<i>patula</i>	French, Golden Gate	Marigold			R										Walker et al., 1994	
<i>Tamarix</i>	<i>gallica</i>								S								Haseeb & Pandey, 1987
<i>Thalictrum</i>	<i>speciosissimum</i>		Meadow Rue												S	LaMondia, 1995	
<i>Thuja</i>	<i>occidentalis</i>	Globosa	Globe Arborvitae												R	Bernard & Witte, 1987	
<i>Thuja</i>	<i>occidentalis</i>	Pyramidalis Nigra	Dark Green Pyramid Arborvitae												R	Bernard & Witte, 1987	
<i>Thuja</i>	<i>orientalis</i>	Dwarf Greenspike						R									Nemec & Morrison, 1971



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				1	2	3	4	?	1	2	?	1	2	?		
<i>Thymus</i>	<i>serpyllum</i>	Album	Thyme												S	LaMondia, 1996
<i>Tradescantia</i>	<i>spp.</i>	J. C. Weguelin	Spiderwort												R	LaMondia, 1995
<i>Trollius</i>	<i>chinensis</i>	Golden Queen													S	LaMondia, 1997
<i>Trollius</i>	<i>hybrida</i>	Lemon Queen	Globe Flower												S	LaMondia, 1996
<i>Tsuga</i>	<i>canadensis</i>		Canadian Hemlock												R	Bernard & Witte, 1987
<i>Uraria</i>	<i>picta</i>							S		S						Haseeb & Pandey, 1987
<i>Verbascum</i>	<i>phoeniceum</i>	Benary's Hybrid	Mullein												SL	LaMondia, 1995
<i>Verbena</i>	<i>X hybrida</i>	Deep Blue	Verbena			SL										Walker et al., 1994
<i>Verbena</i>	<i>X hybrida</i>	Florist	Verbena	S						S	S					McSorley, 1994
<i>Verbena</i>	<i>X hybrida</i>	Showtime Blaze	Verbena			S										Walker et al., 1994
<i>Veronica</i>	<i>spicata</i>	Icicle	Speedwell												S	LaMondia, 1995
<i>Viburnum</i>	<i>carlesii</i>		Korean Spice Viburnum												S	Bernard & Witte, 1987
<i>Vinca</i>	<i>minor</i>	Bowles Variety	Periwinkle												R	LaMondia, 1995
<i>Vinca</i>	<i>rosea</i>	Little Bright Eye	Periwinkle	R						SL	S					McSorley & Frederick, 1994
<i>Viola</i>	<i>cucullata</i>	Priceana	Swiss Violet												S	LaMondia, 1995
<i>Viola</i>	<i>tricolor</i>	Jolly Joker	Pansy	S												McSorley, 1994
<i>Viola</i>	<i>wittrockiana</i>	Coronation Gold	Pansy			S										Walker et al., 1994
<i>Viola</i>	<i>wittrockiana</i>	Jolly Joker	Pansy			S										Walker et al., 1994
<i>Viola</i>	<i>wittrockiana</i>	Padparadja	Pansy			S										Walker et al., 1994
<i>Woodfordia</i>	<i>fruticosa</i>							S		S						Haseeb & Pandey, 1987
<i>Zinnia</i>	<i>elegans</i>	Scarlet	Zinnia	SL						S	SL					McSorley & Frederick, 1994

COMMENTS

† Host Response Key: R = resistant S = susceptible SL = slightly susceptible

†† Although found resistant, *P. edulis* var. *flavicarpa* may be intolerant to nematode attack and exhibit yield reduction. Nematode reproduction, however, is halted following root penetration.

## LITERATURE CITED

- Bernard, E. C., and W. T. Witte. 1987. Parasitism of woody ornamentals by *Meloidogyne hapla*. *Annals of Applied Nematology* 1:41-45.
- Eisenback, J. D. 1986. Reproduction of northern root-knot nematode (*Meloidogyne hapla*) on marigolds. *Plant Disease* 71:281.
- Giblin-Davis, R. M., A. W. Meerow, and F. G. Bilz. 1992. Host suitability of ixora spp. for the root-knot nematodes *Meloidogyne incognita* race 1 and *M. javanica*. Supplement to the *Journal of Nematology* 24(4S):722-728.
- Haseeb, A., and R. Pandey. 1987. Incidence of root-knot nematodes in medicinal and aromatic plants - new host records. *Nematropica* 17(2):209-212.
- Kirby, M. F. 1978. Reniform and root knot nematodes on passionfruit in Fiji. *Nematropica* 8(1):21-25.
- LaMondia, J. A. 1996. Response of additional herbaceous perennial ornamentals to *Meloidogyne hapla*. Supplement to the *Journal of Nematology* 28(4S):636-638.
- LaMondia, J. A. 1995. Response of perennial herbaceous ornamentals to *Meloidogyne hapla*. Supplement to the *Journal of Nematology* 27(4S):645-648.
- LaMondia, J. A. 1997. Management of *Meloidogyne hapla* in herbaceous perennial ornamentals by sanitation and resistance. Supplement to the *Journal of Nematology* 29(4S):717-720.
- McSorley R. 1994. Susceptibility of common bedding plants to root-knot nematodes. *Proceedings of the Florida State Horticultural Society* 107:430-432.
- McSorley R., and J. J. Frederick. 2001. Host suitability of some vinca and salvia cultivars to two isolates of root-knot nematodes. *Proceedings of the Florida State Horticultural Society* 114:239-241.
- McSorley R., and J. J. Frederick. 1994. Response of some common annual bedding plants to three species of *Meloidogyne*. Supplement to the *Journal of Nematology* 26:773-777.
- Moreno, J. E., J. R. Rich, E. C. French, G. M. Prine, and R. A. Dunn. 1992. Reactions of selected herbs to three *Meloidogyne* spp. *Nematropica* 22:217-225.
- Nemec, S., and L. S. Morrison. 1972. Histopathology of *Thuga horizontalis plumosa* infected with *Meloidogyne incognita*. *Journal of Nematology* 4(1):72-74.
- Santo, G. S., and B. Lear. 1976. Influence of *Pratylenchus vulnus* and *Meloidogyne hapla* on the growth of rootstocks of rose. *Journal of Nematology* 8(1):18-23.
- Tarjan, A. C. 1952. Comparative studies of some root-knot nematodes infecting the common snapdragon, *Antirrhinum majus* L. *Phytopathology* 42:641-644.
- Walker, J. T. 1980. Susceptibility of impatiens cultivars to root-knot nematode, *Meloidogyne arenaria*. *Plant Disease* 64:184-185.
- Walker, J. T., and J. B. Melin. 1998. Host status of herbaceous perennials to *Meloidogyne incognita* and *M. arenaria*. Supplement to the *Journal of Nematology* 30(4S):607-610.
- Walker, J. T., J. B. Melin, and J. Davis. 1994. Sensitivity of bedding plants to southern root-knot nematode, *Meloidogyne incognita*, race 3. Supplement to the *Journal of Nematology* 26:778-781.

#### LITERATURE CITED

William-Woodward, J. L., and R. F. Davis. 2001. *Meloidogyne incognita* and *M. arenaria* reproduction on dwarf hollies and lantana. Supplement to the Journal of Nematology 33(4S):332-337.