

IR-4 ORNAMENTALS PROGRAM

Travel and Meetings

Travel during the 3rd quarter included:

- Participated in the 12th International Weed Symposium (European Weed Research Society) in Wageningen/Arnhem, The Netherlands. As part of the EWRS Conference, we visited the Applied Plant Research Station at Lelystad (The Netherlands) and reviewed their chemical screening program and a myriad of mechanical weed control equipment.
- As a part of the trip, we visited the Arboretum in Reykjavik, Iceland. The collection of plants was outstanding with an emphasis on alpine ornamentals, including annuals and perennials.
- While in the Netherlands, I visited the Floriade 2002 in Harlemmermeer. This unique ornamental display is held once every ten years.
- I traveled to the 29th Annual Meeting of PGRSA, July 28-August 4, 2002 in Halifax, Nova Scotia. Presented a paper entitled "National Label Registration of Plant Growth Regulators by IR-4." Co-authors included M. Arsenovic, M.P. Braverman, J.S. Corley, D.L. Kunkel, E. Lurvey, F.P. Salzman, J.J. Baron, and R.E. Holm.
- As a part of the PGRSA Meeting, I traveled to Dartmouth, Nova Scotia to visit the Acadia Seaplants Company. This company is one of the largest independent manufacturers of seaweed-based specialty products in the world. They collect, clean and prepare seaweed for use as a food product, which is consumed entirely in Japan.

Article by Ray Frank

Successes - IR-4 Ornamental - 2002 Registrations to 30 SEP 02

- African daisy (*Osteospermum*)/Trifluralin/PR 18715A
- African violet (*Saintpaulia*)/Azadirachtin (Nimbecidine)/PR 20996A, 21002A
- African violet (*Saintpaulia*)/Chlorpyrifos/PR 08063A
- *Ageratum*/Azadirachtin (Nimbecidine)/PR 21011A
- *Ageratum*/Pendimethalin/PR 19427A
- *Aglaonema*/Copper Salts-Fatty & Rosin Acids/PR 18985A, 19004A
- Annual Phlox (*Phlox Drummondii*)/Imazapic/PR 21143A
- *Arborvitae* (*Thuja*)/Clethodim/PR 19604A
- Arrowwood (*Viburnum*)/Azadirachtin (Nimbecidine)/PR 21020A
- Ash (*Fraxinus*)/Fenpropathrin/PR 21691A, 21692A
- Ash (*Fraxinus*)/Pyridaben/PR 16403A, 16676A
- Aster/Chlormequat Chloride/PR 19669A
- Aster, Michaelmas (*A. dumosus* x *A. novi-belgii*)/Clethodim/PR 18606A
- Aster, New York (*A. novi-belgii*)/Clethodim/PR 18607A
- Azalea (*Rhododendron*)/Chlorpyrifos/PR 12094A
- Baby's-Breath (*Gypsophila elegans*)/Pendimethalin/PR 19434A
- Baby's-Breath (*Gypsophila elegans*)/Pyridaben/PR 16481A, 16754A
- Bald Cypress (*Taxodium distichum*)/Pyridaben/PR 16326A, 16599A
- Balloon Flower (*Platycodon grandiflorus*)/Pyridaben/PR 16520A, 16793A
- Balsam (*Impatiens*)/Azadirachtin (Nimbecidine)/PR 20999A, 21005A
- Balsam (*Impatiens*)/Iprodione/PR 07283A, 07287A
- Balsam Fir (*Abies balsamea*)/Triazamate/PR 21034A, 21035A
- Bamboo Palm (*Chamaedorea erumpens*)/Azadirachtin (Nimbecidine)/PR 21008A
- Beach Plum (*Prunus maritima*)/Clethodim/PR 19735A
- Bearberry (*Arctostaphylos*)/Clethodim/PR 20702A, 20723A
- Beard-Tongue (*Penstemon* sp.)/Pendimethalin/PR 19438A
- Beard-Tongue (*Penstemon* sp.)/Trifluralin/PR 12134A
- Bee Balm (*Monarda didyma*)/Clethodim/PR 20910A, 20911A
- Bee Balm (*Monarda didyma*)/Pyridaben/PR 16508A, 16781A
- Begonia/Azadirachtin (Nimbecidine)/PR 20997A, 21003A
- Begonia/Pendimethalin/PR 19428A
- Bellflower (*Campanula*)/Pendimethalin/PR 19593A
- Birch (*Betula*)/Pyridaben/PR 16334A, 16607A
- Black-Eyed Susan (*Rudbeckia hirta*)/Imazapic/PR 16785A, 20933A, 20936A

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Successes - IR-4 Ornamental - 2002 Registrations to 30 SEP 02

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- Blanket Flower (Gaillardia)/Pendimethalin/PR 19451A
- Blanket Flower (Gaillardia)/Pyridaben/PR 16475A, 16748A
- Blanket Flower (Gaillardia)/S-Metolachlor/PR 11121A
- Blazing-Star, Gayfeather (Liatris)/Clethodim/PR 13278A
- Blazing-Star, Gayfeather (Liatris)/Trifluralin/PR 13313A
- Bleeding Heart (Dicentra)/Pyridaben/PR 16460A, 16725A
- Bleeding Heart (Dicentra)/Trifluralin/PR 08394A
- Blue Lyme Grass (Leymus arenarius)/Clethodim/PR 20855A
- Bluestar (Amsonia)/Clethodim/PR 13274A
- Bluettes (Hedyotis Michauxii)/Clethodim/PR 20708A, 20728A
- Bolton Aster (Boltonia)/Clethodim/PR 13275A
- Boston Daisy (Argyranthemum)/Acephate/PR 19242A
- Butchers Broom, Israeli ruscus (R. aculeatus)/Isoxaben/PR 11271A
- Butterfly Bush (Buddleia Davidii)/Clethodim/PR 20896A
- Butterfly Bush (Buddleia Davidii)/Pyridaben/PR 16335A, 16608A
- Butterfly Bush, Silver (Buddleia alternifolia)/Oxadiazon (G)/PR 20141A
- Calamint (Calamintha)/Trifloxystrobin/PR 14442A, 14715A
- Camellia, Mountain (Stewartia)/Pyridaben/PR 16381A, 16654A
- Cannan Fir (Abies)/Triazamate/PR 21038A, 21039A
- Cardinal Flower (Lobelia)/Clethodim/PR 13279A
- Catnip (Nepeta cataria)/Clethodim/PR 20716A, 20737A
- Cheddar Pink (Dianthus gratianopolitanus)/Oryzalin/PR 12124A
- Cherry (Non-Bearing) (Prunus sp.)/Clethodim/PR 17246A, 17247A
- Cherry (Non-Bearing) (Prunus sp.)/Copper Salts-Fatty & Rosin Acids/PR 19016A, 19019A
- China Aster (Callistephus chinensis)/Clethodim/PR 13108A, 13109A
- Christmas Trees/Bordeaux Mixture/PR 19137A
- Cockscomb, Wool Flower (Celosia)/Clethodim/PR 13110A, 13111A
- Coleus, Flamenettle (Coleus)/Chlormequat Chloride/PR 13496A
- Concolor Fir (Abies)/Triazamate/PR 21040A, 21041A
- Coneflower (Rudbeckia)/Pyridaben/PR 16463A, 16526A, 16736A, 16799A
- Corn flag, Sword lily (Gladiolus)/Pyridaben/PR 16480A, 16753A
- Cosmos/Clethodim/PR 13189A
- Cotoneaster/Azadirachtin (Nimbecidine)/PR 21013A
- Cotoneaster/Pyridaben/PR 16293A, 16566A
- Crabapple (Non-Bearing) (Malus)/Pyridaben/PR 19157A
- Crabapple (Non-Bearing) (Malus)/Fenpropathrin/PR 21689A, 21690A
- Crape Myrtle (Lagerstroemia indica)/Pyridaben/PR 16363A, 16636A
- Cypress (Cupressus)/Pendimethalin/PR 19471A
- Cypress, Leyland (Cupressocyparis leylandii)/Isoxaben/PR 10987A, 10988A, 12752A
- Daffodil (Narcissus)/Fenhexamid/PR 17205A
- Dahlia/Acephate/PR 12708A
- Daylily (Hemerocallis)/Pendimethalin/PR 19435A
- Dead Nettle (Lamium)/Clethodim/PR 20919A, 20920A
- Deutzia/Pyridaben/PR 16346A, 16619A
- Douglas Fir (Pseudotsuga menziesii)/Pyridaben/PR 16319A, 16592A
- Douglas Fir (Pseudotsuga menziesii)/S-Metolachlor/PR 10298A
- Dumb Cane (Dieffenbachia)/Azadirachtin (Nimbecidine)/PR 21014A
- Dumb Cane (Dieffenbachia)/Copper Salts-Fatty & Rosin Acids/PR 18975A, 18994A
- Elm, Chinese (Ulmus parvifolia)/Pendimethalin/PR 12911A
- Elm, Winged (Ulmus alata)/Pendimethalin/PR 11019A, 11022A
- English Lavender (Lavandula angustifolia)/Oryzalin/PR 11617A
- Evening Primrose, Sundrops (Oenothera)/Clethodim/PR 12190A
- False Dragon Head, Lion's heart (Physostegia)/Pyridaben/PR 16519A, 16792A
- False Spirea (Astilbe)/Clethodim/PR 12184A
- False Spirea (Astilbe)/Pyridaben/PR 16437A, 16710A
- Fern (Polypodium)/Azadirachtin (Nimbecidine)/PR 20998A, 21004A
- Fern (Polypodium)/Pyridaben/PR 16469A, 16742A
- Fern, Autumn; Shield; Wood (Dryopteris)/Clethodim/PR 19737A
- Fern, Royal, Flowering Fern (Osmunda)/Clethodim/PR 17253A
- Fern, Shaggy Shield (Dryopteris)/Clethodim/PR 17252A
- Fern, Tree (Asparagus virgatus)/Isoxaben/PR 11274A
- Fern, Tree (Asparagus virgatus)/Isoxaben + Trifluralin/PR 11286A
- Fern, Uncrested Lady (Athyrium)/Clethodim/PR 17251A
- Fern, Uncrested Lady (Athyrium)/Trifluralin/PR 17844A
- Flowering Dogwood (Cornus florida)/Copper Salts-Fatty & Rosin Acids/PR 19017A, 19020A
- Foxglove (Digitalis)/Clethodim/PR 12185A
- Foxglove (Digitalis)/Pendimethalin/PR 19432A

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Successes - IR-4 Ornamental - 2002 Registrations to 30 SEP 02

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- Foxglove (*Digitalis*)/Pyridaben/PR 16461A, 16734A
- Foxglove (*Digitalis*)/Trifluralin/PR 11178A, 11179A
- Fralsam Fir (*Abies*)/Triazamate/PR 21042A, 21043A
- Franklin Tree (*Franklinia*)/Pyridaben/PR 16402A, 16675A
- Fraser Fir (*Abies*)/Triazamate/PR 21036A, 21037A
- Gardenia/*Azadirachtin* (*Nimbecidine*)/PR 21015A
- Gaura (*Gaura lindheimeri*)/Clethodim/PR 17255A
- Gaura (*Gaura lindheimeri*)/Pyridaben/PR 16477A, 16750A
- Gay-Feather (*Liatrix spicata*)/Pendimethalin/PR 19453A
- Geranium (*Geranium sp.*)/Copper Salts-Fatty & Rosin Acids/PR 18983A, 19002A, 19021A
- Geranium (*Pelargonium*)/Chlorpyrifos/PR 12101A
- Geranium (*Pelargonium*)/Copper Salts-Fatty & Rosin Acids/PR 18982A, 19001A
- Godetia, Farewell-To-Spring (*Clarkia*)/Clethodim/PR 19294A
- Golden Bells (*Forsythia*)/Clethodim/PR 12186A, 17250A
- Golden Star (*Chrysogonum*)/Clethodim/PR 20705A, 20726A
- Goldenrod, Dwarf (*Solidago spathulata*)/Clethodim/PR 20718A, 20739A
- Hardy Ice Plant (*Delosperma nubigenum*)/Isoxaben/PR 11791A
- Hawthorn (*Crataegus*)/Copper Hydroxide (*Kocide*)/PR 05988A
- Hay-Scented Fern (*Dennstaedtia punctilobula*)/Pendimethalin/PR 11591A
- Heavenly Bamboo (*Nandina domestica*)/S-Metolachlor/PR 07410A
- Hemlock (*Tsuga*)/Pyridaben/PR 16324A, 16597A
- Holly (*Ilex*)/Copper Hydroxide (*Kocide*)/PR 04214A
- Hollyhock (*Alcea rosea*)/Pyridaben/PR 16426A, 16699A
- Honey Locust (*Gleditsia*)/Azadirachtin (*Nimbecidine*)/PR 21016A
- Honey Locust (*Gleditsia*)/Fenpropathrin/PR 21693A, 21694A
- Honeysuckle (*Lonicera*)/Pendimethalin/PR 19480A
- Hydrangea/Clethodim/PR 12189A
- Hydrangea/Fenpropathrin/PR 21685A, 21686A
- Hydrangea, Climbing (*Hydrangea anomala*)/Clethodim/PR 20707A, 20729A
- Jacob's-Ladder (*Polemonium*)/Clethodim/PR 17257A
- Japanese Andromeda (*Pieris japonica*)/Pyridaben/PR 16301A, 16574A
- Japanese Iris (*Iris Kaempferi*)/Pendimethalin/PR 11592A
- Japanese Painted Fern (*Athyrium Goeringianum*)/Oryzalin/PR 11608A
- Jasmine, Star; Confederate (*Trachelospermum jasminoides*)/Pendimethalin/PR 19495A
- Juniper (*Juniperus*)/Chlorpyrifos/PR 12096A
- Lady's Mantle (*Alchemilla*)/Clethodim/PR 20701A, 20722A
- Lady's Mantle (*Alchemilla*)/Pyridaben/PR 16428A, 16701A
- Lagerstroemia indica x fauriei/Oryzalin/PR 12810A
- Lamb's-Ears (*Stachys byzantina*)/Pyridaben/PR 16533A, 16806A
- Lance Coreopsis (*Coreopsis lanceolata* L.)/Imazapic/PR 20937A
- Larkspur (*Delphinium*)/Clethodim/PR 13116A, 13117A
- Lily (*Lilium*)/Fenhexamid/PR 17202A, 17203A
- Lily, Easter (*Lilium longiflorum*)/Chlormequat Chloride/PR 19672A
- Lily, Plantain (*Hosta*)/Copper Salts-Fatty & Rosin Acids/PR 19015A, 19018A
- Lily, Plantain (*Hosta*)/Pyridaben/PR 16489A, 16762A
- Lily-Of-The-Nile (*Agapanthus*)/Dithiopyr (WSP)/PR 18742A
- Linden, Basswood (*Tilia*)/Azadirachtin (*Nimbecidine*)/PR 21017A
- Lupine (*Lupinus*)/Azadirachtin (*Nimbecidine*)/PR 21018A
- Lupine (*Lupinus*)/Pyridaben/PR 16504A, 16777A
- Magnolia/Clethodim/PR 19608A
- Mallow (*Malva*)/Pyridaben/PR 16507A, 16780A
- Mallow, Rose mallow (*Hibiscus*)/Copper Salts-Fatty & Rosin Acids/PR 19013A
- Maple (*Acer*)/Pyridaben/PR 16328A
- Mazus (*Mazus reptans*)/Clethodim/PR 20714A, 20735A
- Mexican Fan Palm (*Washingtonia robusta*)/S-Metolachlor/PR 13437A
- Mexican Fan Palm (*Washingtonia robusta*)/Trifluralin/PR 13452A
- Moonbeam, Tickseed (*XCoreopsis verticillata*)/Pendimethalin/PR 19594A
- Namaqualand Daisy (*Venidium*)/Acephate/PR 19288A
- Oak (*Quercus*)/Pyridaben/PR 16413A, 16686A
- Oak, Live; Southern (*Quercus virginiana*)/S-Metolachlor/PR 10934A
- Oregon Grape (*Mahonia aquifolium*)/Pyridaben/PR 16368A, 16641A
- Ornamental Cabbage (*Brassica sp.*)/Clethodim/PR 13272A, 18457A
- Ornamental Gourds (*Cucumis pepo*)/Clethodim/PR 21632A
- Ornamental Kale (*Brassica sp.*)/Clethodim/PR 13273A, 18442A

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Successes - IR-4 Ornamental - 2002 Registrations to 30 SEP 02

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- Pansy (*Viola*)/Azadirachtin (Nimbecidine)/PR 21000A, 21006A
- Pansy (*Viola*)/Copper Salts-Fatty & Rosin Acids/PR 18989A, 19008A
- Patience Plant, Zanzibar Balsam (*Impatiens wallerana*)/Copper Salts-Fatty & Rosin Acid/PR 18973A, 18992A
- Pennywort (*Hydrocotyl sibthorpioides*)/Clethodim/PR 20709A, 20730A
- Peony (*Paeonia*)/Clethodim/PR 20715A, 20736A
- Peony (*Paeonia*)/Pyridaben/PR 16513A, 16786A
- Periwinkle (*Vinca*)/Azadirachtin (Nimbecidine)/PR 21019A
- Periwinkle (*Vinca*)/Pendimethalin/PR 19442A
- Persian violet (*Cyclamen*)/Azadirachtin (Nimbecidine)/PR 21009A
- Persian violet (*Cyclamen*)/Chlorpyrifos/PR 08065A
- Phlox (*Phlox laphamii*)/Chlorothalonil + Thiophanate-Methyl/PR 21392A
- Pine (*Pinus*)/Chlorothalonil/PR 08201A
- Pine (*Pinus*)/Pyridaben/PR 16302A, 16575A
- Pine, Longleaf (*Pinus palustris*)/S-Metolachlor/PR 10935A
- Pine, Scotch (*Pinus sylvestris*)/Chlorothalonil/PR 08202A
- Pinks (*Dianthus*)/Chlorothalonil + Thiophanate-Methyl/PR 21393A
- Pinks (*Dianthus*)/Pendimethalin/PR 19448A
- Plum (Non-Bearing) (*Prunus sp.*)/Pendimethalin/PR 19487A
- Poinsettia (*Euphorbia pulcherrima*)/Copper Hydroxide (Kocide)/PR 05962A, 05963A
- Poinsettia (*Euphorbia pulcherrima*)/Copper Salts-Fatty & Rosin Acids/PR 18988A, 19007A
- Poker Plant, Red-Hot-Poker (*Kniphofia*)/Pyridaben/PR 16493A, 16766A
- Privet (*Ligustrum*)/Copper Hydroxide (Kocide)/PR 02916A
- Purple Coneflower (*Echinacea*)/Clethodim/PR 17254A
- Purple Coneflower (*Echinacea*)/Pendimethalin/PR 19449A
- Purple Coneflower (*Echinacea*)/Trifluralin/PR 18605A
- Purpleleaf Wintercreeper (*Euonymus radicans*)/Azadirachtin (Nimbecidine)/PR 21012A
- Purpleleaf Wintercreeper (*Euonymus radicans*)/Chlorothalonil/PR 12496A
- Pygmy Date Palm (*Phoenix roebelenii*)/Isoxaben + Trifluralin/PR 19615A
- Pygmy Date Palm (*Phoenix roebelenii*)/Trifluralin/PR 13451A
- Red-Osier Dogwood (*Cornus sericea*)/Clethodim/PR 17248A, 17249A
- Reed grass (*Calamagrostis arundinacea*)/Pyridaben/PR 16546A, 16819A
- Rhododendron/Chlorpyrifos/PR 12095A, 12104A
- Ribbon-Grass (*Phalaris arundinacea*)/Clethodim/PR 20854A
- Ribbon-Grass (*Phalaris arundinacea*)/Isoxaben/PR 20158A
- Ribbon-Grass, Gardeners-Garters (*Phalaris arundinacea*)/Pyridaben/PR 16562A, 16835A
- Ribbon-Grass, Gardeners-Garters (*Phalaris arundinacea*)/Trifluralin/PR 10663A
- Rose (*Rosa*)/Chlorothalonil + Thiophanate-Methyl/PR 18965A, 18970A
- Rose (*Rosa*)/Copper Salts-Fatty & Rosin Acids/PR 21399A
- Rose (*Rosa*)/Fludioxonil/PR 21409A
- Rose Periwinkle (*Catharanthus roseus*)/Copper Salts-Fatty & Rosin Acids/PR 18978A, 18997A
- Rupturewort (*Herniaria glabra*)/Clethodim/PR 20706A, 20727A
- Sage, Russian; Blue Spire (*Perovskia*)/Clethodim/PR 13281A
- Sage, Russian; Blue Spire (*Perovskia*)/Trifluralin/PR 13315A, 18615A
- Sage, Scarlet (*Salvia splendens*)/Pendimethalin/PR 19440A
- Sandwort (*Arenaria*)/Clethodim/PR 20703A, 20724A
- Sea holly (*Eryngium maritimum*)/Clethodim/PR 13277A
- Sedge (*Carex*)/Clethodim/PR 20704A, 20725A
- Sedge (*Carex*)/Isoxaben + Trifluralin/PR 20788A, 20809A
- Serviceberry, Sarviceberry (*Amelanchier*)/Isoxaben/PR 12466A
- Serviceberry, Sarviceberry (*Amelanchier*)/Pyridaben/PR 16330A, 16603A
- Shasta Daisy (*Chrysanthemum x superbum*)/Acephate/PR 19266A, 19267A
- Shasta Daisy (*Chrysanthemum x superbum*)/Pyridaben/PR 16498A, 16771A
- Shrub Verbena (*Lantana*)/Acephate/PR 19265A
- Shrub Verbena (*Lantana*)/Azadirachtin (Nimbecidine)/PR 21010A
- Shrub Verbena (*Lantana*)/Dithiopyr (WSP)/PR 18750A
- Shrub Verbena (*Lantana*)/Pendimethalin/PR 19479A
- Silver Mound (*Artemisia Schmidiana*)/Pendimethalin/PR 19445A
- Smoke Tree; Bush (*Cotinus*)/Pyridaben/PR 16401A, 16674A
- Snapdragon (*Antirrhinum majus*)/Copper Salts-Fatty & Rosin Acid/PR 18976A, 18995A

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- Spathe Flower (*Spathiphyllum*)/Copper Salts-Fatty & Rosin Acids/PR 18977A, 18996A
- Speedwell (*Veronica*)/Clethodim/PR 20720A, 20741A
- Speedwell, Brooklime (*Veronica*)/Clethodim/PR 17258A
- Speedwell, Brooklime (*Veronica*)/Oryzalin/PR 10760A
- Spiderwort (*Tradescantia*)/Pyridaben/PR 16539A, 16812A
- Spirea (*Spiraea*)/Fenpropathrin/PR 21687A, 21688A
- St.-Johns-Wort (*Hypericum calycinum*)/Clethodim/PR 20710A, 20731A
- St.-Johns-Wort (*Hypericum x Moseratum*)/Clethodim/PR 20711A, 20732A
- St.-Johns-Wort (*Hypericum*)/Isoxaben/PR 18825A
- St.-Johns-Wort (*Hypericum*)/Pyridaben/PR 16459A, 16632A
- Stative (*Limonium*)/Clethodim/PR 13112A, 13113A
- Stative (*Limonium*)/Pendimethalin/PR 19441A
- Stonecrop (*Sedum spurium*)/Pyridaben/PR 16529A, 16802A
- Strawflower (*Helichrysum bracteatum*)/Clethodim/PR 13114A, 13115A
- Summersweet (*Clethra*)/Clethodim/PR 20897A
- Sunflower (*Helianthus*)/Chlormequat Chloride/PR 19676A
- Sweet Pea (*Lathyrus odoratus*)/Pyridaben/PR 16496, 16769A
- Sweet William (*Dianthus barbatus*)/S-Metolachlor/PR 09730A
- Sweetgum (*Liquidambar*)/Pyridaben/PR 16465A, 16638A
- Sweetspire (*Itea*)/Clethodim/PR 20898A
- Sycamore (*Platanus*)/Pyridaben/PR 16411A, 16684A
- Thyme, Creeping (*Thymus praecox*)/Clethodim/PR 20719A, 20740A
- Tickseed (*Coreopsis*)/Pyridaben/PR 16453A, 16726A
- Tulip Tree (*Liriodendron tulipifera*)/Pyridaben/PR 16409A, 16682A
- Vervain (*Verbena*)/Azadirachtin (Nimbecidine)/PR 21001A, 21007A
- Vervain (*Verbena*)/Copper Salts-Fatty & Rosin Acids/PR 18974A, 18993A
- Viburnum (*Viburnum suspensum*)/Dithiopyr (WSP)/PR 18756A
- Wandering Jew (*Tradescantia albiflora*)/Copper Hydroxide (Kocide)/PR 04348A
- Weigela/Pyridaben/PR 16386A, 16659A
- White Fringe Tree (*Chionanthus retusus*)/Pendimethalin/PR 12881A
- White Fringe Tree (*Chionanthus retusus*)/Pyridaben/PR 16398, 16671A
- Willow (*Salix*)/Pyridaben/PR 16377A, 16650A
- Witch Alder (*Fothergilla gardenii*)/Pendimethalin/PR 12885A
- Witch Hazel (*Hamamelis*)/Pyridaben/PR 16357A, 16630A
- Wormwood (*Artemisia*)/Pyridaben/PR 16434A, 16707A
- Yarrow (*Achillea millefolium*)/Isoxaben/PR 10743A
- Yarrow (*Achillea millefolium*)/Pendimethalin/PR 19444A
- Yarrow, Woolly (*Achillea tomentosa*)/Clethodim/PR 20700A, 20721A
- Yellow Archangel (*Lamiastrum*)/Clethodim/PR 20712A, 20733A
- Yew (*Taxus*)/Clethodim/PR 19605A
- Yew (*Taxus*)/Pyridaben/16321A, 16594A
- Zinnia/Chlormequat Chloride/PR 19679A
- Zinnia/Copper Salts-Fatty & Rosin Acids/PR 19014A

Compiled by Diane Infante