

IR-4 ORNAMENTALS PROGRAM

New Pesticide Registrations for Ornamentals Supported by IR-4

Since the last newsletter, 79 new ornamental use registrations have been obtained.

Abamectin - Arborvitae, Fir (Abies), White Pine, Spruce (Picea).

Acephate - Ash (Fraxinus), Aster, Birch (Betula), Chrysanthemum, Cineraria, Dahlia, Gloxinia, Marigold (Tagetes), Persian Violet (Cyclamen), Snapdragon, Vervain (Verbena)

Benefin + Oryzalin - Fan Palm (Washingtonia)

Myclobutanil - Grape (Non-Bearing)

Napropamide (G) - Apple (Non-Bearing) (Seed Beds), Black Walnut (Juglans) (Seed Beds), Flowering Dogwood (Seed Beds), Pin Oak (Seed Beds), White Pine (Seed Beds)

Napropamide (W) - Ash (Fraxinus) (Seedbeds), Birch (Betula) (Seedbeds), Fir (Abies) (Seedbeds), Flowering Dogwood (Seedbeds), Peach (Non-Bearing) (Seedbeds), White Pine (Seedbeds)

Oxyfluorfen, Flowering Dogwood

Potassium Bicarbonate - Flowering Dogwood

Pyridaben - Daylily (Hemerocallis), Winged Euonymus, Flowering Dogwood, Lilac (Syringa), Rose of Sharon, Spruce (Picea), Trumpet Creeper (Campsis)

Sporodex (Pseudozyma flocculosa) - Rose

Trifloxystrobin - Apple (Non-Bearing), Daylily (Hemerocallis), Heavenly Bamboo (Nandina), Larkspur (Delphinium), Plantain, Lily (Hosta), Lily Turf (Liriope), Pansy (Viola), Phlox, Privet (Ligustrum), Rose, Vervain (Verbena)

Article by Ray Frank

IR-4 Ornamentals Workshop - Update

The IR-4 Ornamentals Workshop for 2000 was located at the Radisson Hotel in East Lake, Ohio. The Workshop site is East of Cleveland in Lake County which is a large nursery and floral crop production area. Approximately 100 participants attended the workshop held October 2-6, 2000. This is the 13th Ornamentals Workshop held since the program was begun in 1977.

The Entomology Group, which met on Monday, 2 October from 8:00 AM to 10:00 PM, was chaired by Pete Schultz of VPISU. The Plant Pathology Group met in the same time frame on Tuesday, co-chaired by Chuck Krause (USDA/ARS Wooster, Ohio) and Jim Locke (USDA/ARS Beltsville, Maryland). A nursery and floral crop tour was held on Wednesday

from 8:00 to 5:00 PM. Clyde Elmore (UC/Davis) chaired the Weed Control and Plant Growth Regulator working groups on Thursday, 5 October 2000 from 8:00 AM to 10:00 PM. On Friday, 6 October 2000 Chuck Krause and Dick Lindquist directed a tour to OARDC in Wooster, Ohio.

The workshop was held to prioritize pest control tools which are needed for the production and maintenance of floral, forestry, nursery and turf crops. Pest control tools were also prioritized for the commercial landscape, interior plantscape and tissue culture production.

State, federal and independent researchers, extension personnel, growers, and agricultural company personnel attended.

Article by Ray Frank

IR-4 Ornamentals Program - Travel this Quarter

On 26-29 June, I was invited by the USDA/Forest Service to speak at the Southern Forest Nursery conference (SFNA 2000) which was held in Mobile, Alabama. My talk was entitled "How the IR-4 Research Program can Help Forest Nurseries." The conference included state, federal and commercial foresters, forest commodity and agricultural chemical industry personnel.

On 30 July -3 August 2000, I attended the 27th annual Plant Growth Regulation Society of America (PGRSA). This meeting was held in Kailua/Kona in conjunction with the Japanese Society for the Chemical Regulation of Plants. My presentation was entitled "The IR-4 Program for Registering Plant Growth Regulators for Specialty Crops." The presented paper will be published in the PGRSA Quarterly with co-authors J.J. Baron and W.L. Biehn.

While on the Big Island, I visited several field sites where *Eucalyptus grandis* was planted by The Prudential Company. These plantings will be used to produce wood pulp for paper production.

Article by Ray Frank