

APPENDIX A TO PART 161—DATA REQUIREMENTS FOR REGISTRATION: USE PATTERN INDEX

How to use this Index:

1. Identify the Pesticide Use Site Group listed below (e.g., agricultural crops, forests, ornamental plants) that covers the specific use pattern of interest to you.
 2. Find your specific use pattern under the appropriate Pesticide Use Site Group.
 3. Identify the general use pattern that corresponds to your specific use pattern.
 4. Use the general use pattern in determining applicable data requirements on the Data Requirements tables presented in §§161.155 through 161.640.
- Pesticide use site group*
1. Agricultural Crops.
 2. Ornamental Plants and Forest Trees.
 3. General Soil Treatment and Composting.
 4. Processed or Manufactured Products, and food or feed containers or dispensers.
 5. Pets and Domestic Animals.
 6. Agricultural Premises and Equipment.
 7. Household.
 8. Wood or Wood Structure Protection Treatments.
 9. Aquatic sites.
 10. Noncrop, wide area, and general indoor/outdoor treatments.
 11. Antifouling treatments.
 12. Commercial and Industrial Uses.
 13. Domestic and Human Use.
 14. Miscellaneous Indoor Uses.

Specific use patterns—listed according to use site group	Corresponding general use pattern
<p>1. <i>Agricultural crops</i></p> <p>Small fruits</p> <p style="padding-left: 20px;">Caneberries (e.g., raspberry, dewberry)</p> <p style="padding-left: 20px;">Bushberries (e.g., blueberry, currant)</p> <p style="padding-left: 20px;">Vine fruits (e.g., grape, kiwi fruit)</p> <p style="padding-left: 20px;">Strawberry</p> <p style="padding-left: 20px;">Cranberry</p> <p style="padding-left: 20px;">Pome fruits (e.g., apple, quince)</p> <p style="padding-left: 20px;">Stone fruits (e.g., peach, cherry)</p> <p style="padding-left: 20px;">Nut crops—tree & shrub (e.g., pecan, filbert)</p> <p style="padding-left: 20px;">Other temperate fruits (e.g., persimmon, pawpaw)</p> <p>Tropical and subtropical fruits</p> <p style="padding-left: 20px;">Citrus</p> <p style="padding-left: 20px;">Banana and plantain</p> <p style="padding-left: 20px;">Palm fruits and nuts (e.g., date, coconut)</p> <p style="padding-left: 20px;">Pineapple</p> <p style="padding-left: 20px;">Other fruits and nuts</p> <p>Beverage crops</p> <p style="padding-left: 20px;">Woody—cocoa, coffee, tea</p> <p style="padding-left: 20px;">Herbaceous—chicory, mint</p> <p>Flavoring and spice crops</p> <p style="padding-left: 20px;">Woody—leaf/stem, root, seed and pod</p> <p style="padding-left: 20px;">Herbacleaf/stem, root, seed and pod</p> <p>Vegetables—leaf/stem, root, seed and pod, fruiting vegetables, cucurbits</p>	<p>Terrestrial food crop</p>

Specific use patterns—listed according to use site group	Corresponding general use pattern
<p>Commercial annual (e.g., tomato, bean)</p> <p>Commercial perennial (e.g., asparagus, rhubarb)</p> <p>Greenhouse (commercial)</p> <p>Mushrooms</p> <p>Nursery/seed crop/medical crop/tobacco</p> <p>Fiber crops</p> <p style="padding-left: 20px;">Cotton</p> <p style="padding-left: 20px;">Others—(e.g., flax)</p> <p>Forage crops</p> <p style="padding-left: 20px;">Typical grasses—annual (e.g., sudan grass)</p> <p style="padding-left: 20px;">Typical grasses—perennial (e.g., bromegrass)</p> <p style="padding-left: 20px;">Corn and sorghum</p> <p style="padding-left: 20px;">Small grains for forage (e.g., rye)</p> <p style="padding-left: 20px;">Perennial legumes (e.g., white clover)</p> <p>Annual legumes (e.g., crotalaria, soybean)</p> <p>Crop harvest residue (peanut vines, beet tops, etc.)</p> <p>Grain and edible seed crops</p> <p style="padding-left: 20px;">Corn</p> <p style="padding-left: 20px;">Rice</p> <p style="padding-left: 20px;">Wheat, barley, rye, oats</p> <p style="padding-left: 20px;">Sorghum</p> <p style="padding-left: 20px;">Alfalfa</p> <p style="padding-left: 20px;">Other grains</p> <p style="padding-left: 20px;">Other nongrains (e.g., squash, pumpkin)</p> <p style="padding-left: 20px;">Buckwheat</p> <p style="padding-left: 20px;">Sesame</p> <p style="padding-left: 20px;">Peanut</p> <p style="padding-left: 20px;">Sunflower</p> <p>Seed sprout crops</p> <p style="padding-left: 20px;">Mung bean, red clover, soybean, alfalfa, etc.</p> <p style="padding-left: 20px;">Nonlegume crops (e.g., wheat, radish, black mustard)</p> <p>Crops grown exclusively for seed for planting</p> <p>Sugar crops</p> <p>Stored raw agricultural commodities</p> <p style="padding-left: 20px;">Honey (principal nectar-producing crops)</p> <p style="padding-left: 20px;">Sugar beet</p> <p style="padding-left: 20px;">Sugarcane</p> <p style="padding-left: 20px;">Sugar maple</p> <p style="padding-left: 20px;">Sorghum (for sugar)</p> <p>Crops for smoking and chewing</p> <p style="padding-left: 40px;">—field</p> <p style="padding-left: 40px;">—shade</p> <p style="padding-left: 40px;">—storage</p> <p style="padding-left: 40px;">—greenhouses</p> <p style="padding-left: 20px;">Sapodilla (for chewing gum)</p> <p>Oil crops</p> <p style="padding-left: 20px;">Annual herbaceous crops</p> <p style="padding-left: 20px;">Perennial herbaceous crops</p> <p style="padding-left: 20px;">Tropical/subtropical woody crops</p> <p>Drug and medicinal crops</p> <p style="padding-left: 20px;">Annual herbaceous crops</p> <p style="padding-left: 20px;">Perennial herbaceous crops</p> <p style="padding-left: 20px;">Temperate woody crops</p> <p style="padding-left: 20px;">Tropical/subtropical wood crops</p>	<p>Greenhouse food crop</p> <p>Greenhouse non-food crop</p> <p>Terrestrial food crop</p> <p>Aquatic food crop</p> <p>Terrestrial food crop</p> <p>Indoor</p> <p>Terrestrial nonfood crop</p> <p>Terrestrial food crop</p> <p>Terrestrial nonfood crop</p>

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Specific use patterns—listed according to use site group	Corresponding general use pattern	Specific use patterns—listed according to use site group	Corresponding general use pattern
<p>2. <i>Ornamental plants and forest trees</i></p> <p>Ornamental plants</p> <p>Annual garden plants</p> <p>Temperate perennial nonfood garden herbs</p> <p>Commercial greenhouse crops</p> <p>Houseplants</p> <p>Home and retail greenhouse and conservatory plants</p> <p>Public display plantings</p> <p>Bulb, corm, and tuber ornamentals</p> <p>Subtropical/tropical garden evergreen plants (dry—e.g., agave)</p> <p>Subtropical/tropical garden evergreen plants (moist—e.g., ferns)</p> <p>Groundcovers</p> <p>Aquatic plants (e.g., waterlilies)</p> <p>Ornamental trees, shrubs, and vines (woody)</p> <p>Deciduous temperate broadleaf</p> <p>Evergreen temperate broadleaf</p> <p>Deciduous temperate conifer</p> <p>Evergreen temperate conifer</p> <p>Tropical/subtropical broadleaf</p> <p>Tropical/subtropical conifer</p> <p>Tropical/subtropical miscellaneous (e.g., cycad, tree fern, bamboo)</p> <p>Lawn and turf grasses—ornamental</p> <p>Cool season Winter grasses (bent, bluegrass, fescue, etc.)</p> <p>Summer grasses (zoysia, bermudagrass, etc.)</p> <p>Ornamental bunch grasses (pampasgrass, blue fescue)</p> <p>Forest trees—nonornamental—trees forests, plantings</p> <p>Deciduous temperate (broadleaf)</p> <p>Evergreen temperate (broadleaf)</p> <p>Deciduous and evergreen conifers</p> <p>Tropical/subtropical broadleaf</p> <p>Tropical/subtropical conifer</p> <p>Forest tree nurseries—Temperate broadleaf trees</p> <p>Temperate conifer trees</p> <p>Forest trees: dead trees/logs/stumps in the forest or in plantings</p> <p>3. <i>General soil treatment and composting</i></p> <p>General soil treatments</p> <p>Soil application with no mention of crops to be grown (potting soil, top soil).</p> <p>Manure</p> <p>Composts</p> <p>Cull piles</p> <p>Mulches</p> <p>4. <i>Processed or manufactured products, and food or feed containers or dispensers</i></p> <p>Processed vegetables, fruits, and nuts</p> <p>Fruits</p> <p>Leafy vegetables</p> <p>Root vegetables</p> <p>Fruited vegetables</p> <p>Nuts</p> <p>Peanuts</p>	<p>Terrestrial nonfood crop</p> <p>Greenhouse nonfood crop</p> <p>Indoor</p> <p>Terrestrial nonfood crop</p> <p>Aquatic nonfood use</p> <p>Terrestrial nonfood crop</p> <p>Terrestrial nonfood crop or domestic outdoor</p> <p>Forestry</p> <p>Terrestrial nonfood crop</p> <p>Indoor</p>	<p>Seeds (sesame, sunflower)</p> <p>Dried processed</p> <p>Fruits</p> <p>Vegetables</p> <p>Tobacco</p> <p>Beverages (tea, coffee)</p> <p>Herbs and spices</p> <p>Animal Feeds</p> <p>Cattle (beef)</p> <p>Cattle (dairy)</p> <p>Goat (nondairy)</p> <p>Goat (dairy)</p> <p>Horse, mule, donkey</p> <p>Poultry (chicken, turkey, etc.)</p> <p>Sheep (meat)</p> <p>Sheep (wool)</p> <p>Swine</p> <p>Dog</p> <p>Cat</p> <p>Other pets (including birds)</p> <p>Fur-bearing stock</p> <p>Other meat-producing stock (e.g., rabbit)</p> <p>Fish food (commercial)</p> <p>Fish food (pet)</p> <p>Birdseed</p> <p>Processed grain products for human consumption</p> <p>Corn</p> <p>Soybean</p> <p>Wheat</p> <p>Other grains (rice, barley, etc.)</p> <p>Cereal foods</p> <p>Flour</p> <p>Baked goods</p> <p>Farinaceous products</p> <p>Processed animal products for human consumption</p> <p>Cheese</p> <p>Egg yolks</p> <p>Meats, including fish and poultry</p> <p>Milk</p> <p>Processed plant products for human consumption</p> <p>Chocolate</p> <p>Candy</p> <p>Sugar</p> <p>Yeast</p> <p>Citrus pulp</p> <p>Chewing gum</p> <p>Cigarettes, etc.</p> <p>Herbs and spices</p> <p>Pickles</p> <p>Glazed fruits</p> <p>Jellies</p> <p>Seed oils</p> <p>Fruit syrups (e.g., cola)</p> <p>Fruit juices</p> <p>Fermentation beverages (wine, beer, whiskey, vinegar)</p> <p>Processed or manufactured nonfood plant and animal products</p> <p>Textiles, fabrics, fibers</p> <p>Fur and hair products</p> <p>Leather products</p> <p>Food and feed containers, dispensers, and processing equipment</p> <p>Airtight storages—large (empty/full)</p> <p>Airtight storages—small (empty/full)</p> <p>Fumigation chambers</p> <p>Bins</p> <p>Elevators</p>	

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Specific use patterns—listed according to use site group	Corresponding general use pattern	Specific use patterns—listed according to use site group	Corresponding general use pattern
Industrial ponds Human drinking water Cooling water towers Agricultural irrigation water, and ditches Agricultural drainage water and ditches Sewage systems and drainfields Dishwashing water Domestic and commercial nonpotable water Lakes, ponds, impounded water Streams, rivers, canals Swamps, marshes, wetlands Air conditioner water Humidifier water Air washer water systems Secondary oil recovery injection water Heat exchange water system Polluted water Bait boards (floating—for vertebrate control) Catch basins, puddles, tree holes Estuaries, tidal marshes Commercial and sport fish-bearing waters 10. <i>Noncrop, wide area, and general indoor/outdoor treatments</i> Uncultivated agricultural areas (nonfood producing) Farmyards Fuel storage areas Fence rows Rights-of-way Fallow land Soil bank land Barrier strips Uncultivated nonagricultural areas (outdoor) Airports Recreation areas, fairgrounds, race tracks, tennis courts, etc. Campgrounds Recreation area structures Highway rights-of-way Railroad rights-of-way Utility rights-of-way Sewage disposal areas Industrial sites (lumberyards, tank farms, etc.) Paved areas Private roads and walks Fencerows and hedgerows (non-agricultural) Directed Pest Control to Pests' Nests, etc., and for Traps Diseased beehives Nuisance bee nests Ant mounds, hills, dens Termite mounds Insect traps (chemical lures) Repellents and irritants to pests (when not covered by other sites) Wide area and general indoor/outdoor treatments Rural areas (unspecified) Urban areas (unspecified) Public buildings and structures Animal burrow entrances, dens, tunnels Animal nests Animal trails Mammal feeding areas	Aquatic food crop Aquatic noncrop Aquatic food crop Aquatic noncrop Indoor Aquatic noncrop Aquatic food crop Terrestrial noncrop Terrestrial food crop Terrestrial noncrop Terrestrial noncrop or indoor	Nonagricultural areas for public health treatments Bird roosting, nesting areas Bird feeding areas 11. <i>Antifouling Treatments</i> Sites for marine exposures Boat bottoms and other submersed structures Steel Fiberglass Aluminum Wood Plastic Other substances and materials Crab pots and lobster pots Sites for fresh water exposures Cooling tower influent conduits 12. <i>Commercial and Industrial Uses</i> Transportation Facilities Bus Truck and Trailer Containerized units Railroad cars Aircraft Ships/barges Auto, taxis Recreational vehicles Shipping containers Food and feed processing plants Bakeries Bottlers Canneries Dairies, creameries, milk processing plants Feed mills, feed stores Fresh fruit packing and processing Meat processing Poultry processing Wineries, wine cellars Flour mills, machinery, warehouses, bins, elevators Egg processing Candy and confectionary plants Sugar processing, cane mills, etc. Cider mills Dry food products plants Tobacco processing Air treatment for processing and transportation of foods Beverage processing Nut processing Cereal processing Seafood processing Vegetable oil processing Spice mills Vinegar processing Farinaceous processing (noodles, etc.) Mushroom processing Dried fruit processing Pickle processing Ice plants Chocolate processing Fruit juice processing Eating establishments (all) Food handling areas Food serving areas Eating establishment nonfood areas Air treatment for eating establishments Food storage equipment (coolers, refrigerators, etc.)	Aquatic noncrop Indoor

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Specific use patterns—listed according to use site group	Corresponding general use pattern	Specific use patterns—listed according to use site group	Corresponding general use pattern
<p>Eating and serving utensils (spoons, etc.)</p> <p>Food marketing, storage, and distribution</p> <p>Food dispensing and vending equipment</p> <p>Food stores, markets, stands</p> <p>Meat and fish markets</p> <p>Food catering facilities</p> <p>Food marketing, storage, and distribution equipment and utensils</p> <p>Hospitals and related institutions and facilities</p> <p>Critical premises (e.g., burn wards, etc.)</p> <p>Hospital patient premises (wards, emergency rooms, etc.)</p> <p>Noncritical premises (labs, lounges, lobbies, storage)</p> <p>Critical items (hypodermic needles, dental instruments, catheters, etc.)</p> <p>Noncritical items (bedpans, carpets, furniture, etc.)</p> <p>Air treatment (also to ambulances)</p> <p>Janitorial equipment</p> <p>Barber and beauty shop instruments and equipment</p> <p>Morgues, mortuaries, and funeral homes</p> <p>Premises (embalming rooms, etc.)</p> <p>Equipment (tables, etc.)</p> <p>Instruments</p> <p>Burial vaults, mausoleums</p> <p>Air treatment</p> <p>Commercial, institutional, and industrial</p> <p>Maintenance, Buildings, and Structures</p> <p>Locker rooms, equipment</p> <p>Gyms, bowling alleys, and equipment</p> <p>Telephones and booths</p> <p>Shower rooms, mats, and equipment</p> <p>Cotton mill premises and equipment</p> <p>Auditoriums and stadiums</p> <p>Factories</p> <p>Rendering plants</p> <p>Loading areas, ramps</p> <p>School buildings and equipment</p> <p>Office buildings</p> <p>Laundries</p> <p>Fuels from Crops (alcohol, methane)</p> <p>Fossil fuels (e.g., oils, jet fuel)</p> <p>Seed oils</p> <p>Paper</p> <p>Pesticide materials preservation and protection</p> <p>Rodenticide baits (protection against insects)</p> <p>Dried plant parts (pyrethrum, red squill, rotenone, sabadilla)</p> <p>Paints</p> <p>Preservatives and protectants</p> <p>Grains</p> <p>Hay, silage</p> <p>Adhesives</p> <p>Coatings (asphalt and lacquer)</p> <p>Fuels</p> <p>Leather and leather products</p> <p>Leather processing liquors</p> <p>Metalworking cutting fluids</p> <p>Oil recovery drilling muds and packer fluids</p>		<p>Paints (latex)</p> <p>Paper and paper products</p> <p>Plastic products</p> <p>Resin emulsions</p> <p>Rubber (natural) products</p> <p>Specialty products (polishes, cleansers, dyes, etc.)</p> <p>Textiles, textile fibers, and cordage</p> <p>Wet-end additives, etc. (pulp sizing, alum, casein, printing pastes)</p> <p>Disposable diapers</p> <p>Wool, hair, mohair, furs, felt, feathers, etc.</p> <p>Electrical supplies, cables, and equipment</p> <p>13. <i>Domestic and Human Use</i></p> <p>Human Body and Hair</p> <p>Fiber product protection (Moth, mildew-proofing)</p> <p>Clothing</p> <p>Upholstery</p> <p>Ornamental fabrics (draperies, tapestries)</p> <p>Ropes</p> <p>Sail cloth</p> <p>Human articles and materials</p> <p>Bedding, blankets, mattresses (Treatments to hair, body, clothing (while being worn)</p> <p>Clothing</p> <p>Face gear (goggles, face masks, etc.)</p> <p>Headgear (safety helmets, headphones, etc.)</p> <p>Wigs</p> <p>Contact lenses</p> <p>Dentures, toothbrushes, mouthpieces to musical instruments, etc.</p> <p>Brick, asbestos, etc.</p> <p>Wood surfaces</p> <p>Leather surfaces</p> <p>Fabric surfaces</p> <p>Paper/paperboard surfaces</p> <p>Specialty uses</p> <p>Museum collectors (preserved animal and plant specimens)</p> <p>Military uses—not specified</p> <p>Quarantine uses—not specified</p> <p>DHHS/FDA uses—not specified</p> <p>Filters (air conditioning, air, and furnace)</p> <p>Biological specimens</p> <p>Underground cables</p> <p>Cuspidors, spittoons</p> <p>Vomit</p> <p>Human wastes</p> <p>Air sanitizers</p> <p>Diapers</p> <p>Laundry equipment (carts, chutes, tables, etc.)</p> <p>Dust control—products and equipment (mops, etc.)</p> <p>Dry cleaning</p> <p>Carpets</p> <p>Upholstery</p> <p>Bathrooms, toilets bowls, and related sites</p> <p>Bathroom premises</p> <p>Toilet bowls and urinals</p> <p>Toilet tanks</p> <p>Portable toilets, chemical toilets</p>	<p>Indoor</p>

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Specific use patterns—listed according to use site group	Corresponding general use pattern
Vehicular holding tanks Bathroom air treatment Diaper pails Refuse and solid waste Refuse and solid waste containers Refuse and solid waste transportation and handling equipment Garbage dumps Household trash compactors Garbage disposal units, food disposals Incinerators 14. <i>Miscellaneous Indoor Uses</i> Surface Treatments Hard nonporous surfaces (painted, tile, plastic, metal, glass, etc.) Hard porous surfaces (cement, plaster) Camping equipment and gear Grooming instruments (brushes, clippers, razors, etc.) Laundry, cleaning, and dry cleaning	Indoor

thereof, formulated for distribution and use within the State to meet special local needs under sec. 24(c) of the Act. It also sets forth regulations governing the exercise by the Administrator of the power to disapprove specific State registrations and to suspend a State's registration authority under sec. 24(c). Unless otherwise indicated, any reference herein to registrations issued by a State includes amendments of registrations issued by States.

(b) *Applicability.* This subpart applies only to State registration authority granted by sec. 24(c) of FIFRA. It does not apply to any authority granted, or procedures established, by State law with respect to registration, licensing, or approval required for use within the State of federally registered pesticide products.

[40 FR 42881, Oct. 24, 1984. Redesignated and amended at 72 FR 60253–60255, Oct. 24, 2007]

[46 FR 2014, Jan. 7, 1981, as amended at 53 FR 15999, May 4, 1988; 60 FR 32097, June 19, 1995]

PART 162—STATE REGISTRATION OF PESTICIDE PRODUCTS

Subparts A–C [Reserved]

Subpart D—Regulations Pertaining to State Registration of Pesticides To Meet Special Local Needs

- Sec.
- 162.150 General.
- 162.151 Definitions.
- 162.152 State registration authority.
- 162.153 State registration procedures.
- 162.154 Disapproval of State registrations.
- 162.155 Suspension of State registration authority.
- 162.156 General requirements.

Subpart E [Reserved]

Subparts A–C [Reserved]

Subpart D—Regulations Pertaining to State Registration of Pesticides To Meet Special Local Needs

AUTHORITY: 7 U.S.C. 136v, 136w.

SOURCE: 46 FR 2014, Jan. 7, 1981, unless otherwise noted.

§ 162.150 General.

(a) *Scope.* This subpart sets forth regulations governing the registration by any State of pesticide products, or uses

§ 162.151 Definitions.

Terms used in this part have the same meaning as in the Act and part 152 of this chapter. In addition, as used in this subpart, the following terms shall apply:

Federally registered means currently registered under section 3 of the Act, after having been initially registered under the Federal Insecticide, Fungicide, and Rodenticide Act of 1947 by the Secretary of Agriculture or under FIFRA by the Administrator.

Manufacturing-use product means any pesticide product other than a product to be labeled with directions for end use. This term includes any product intended for use as a pesticide after reformulation or repackaging.

New product means a pesticide product which is not a federally registered product.

Pest problem means:

(1) A pest infestation and its consequences, or

(2) Any condition for which the use of plant regulators, defoliant, or desiccants would be appropriate.

Product or pesticide product means a pesticide offered for distribution and use, and includes any labeled container and any supplemental labeling.

Similar composition means a pesticide product which contains only the same active ingredient(s), or combinations of