APPENDIX # 1

EQUIPMENT

Type of equipment used for an application regardless of who made the application.

EQUIPMENT TYPE	Definition
AERIAL APPLICATION EQUIPMENT	
FIXED WING AIRCRAFT	Fixed wing aircraft.
HELICOPTER	Helicopter.
AIR, OTHER OR UNSPECIFIED	Aerial application equipment, other or unspecified. This includes two or more types of aerial application equipment. The following equipment is excluded: 1) FIXED WING AIRCRAFT, and HELICOPTERS.
GROUND APPLICATION EQUIPMENT	
GROUND BOOM, OTHER OR UNSPECIFED	Ground application equipment with a spray boom. The following spray booms are excluded: 1) GROUND BOOM BELOW/BEHIND, 2) OVER-THE-VINE BOOM, and 3) ELECTROSTATIC SPRAYER.
GROUND BOOM, BELOW/BEHIND	Ground application equipment with a spray boom located below and behind the equipment operator with the spray nozzles pointed downward.
OVER-THE-VINE BOOM	Ground operated equipment with the arms of the spray boom extending over the tops of grapevines.
ELECTROSTATIC SPRAYER	Ground operated equipment designed to impart an electrical charge to the pesticide particles. The electrostatic designation for ground application equipment overrides any other type of equipment it is used with.
AIRBLAST SPRAYERS	Ground application equipment with a pump that delivers the spray into an air stream created by a large fan at the back of the spray equipment.
POWER DUSTERS	Ground application equipment used to apply dust formulated pesticides.
SHANK INJECTION WITHOUT TARPS	Ground application equipment that uses a shank or other piece of equipment to directly apply a pesticide into the soil except when a tarp is placed over the soil which is classified under SHANK INJECTION WITH TARPS. This also excludes surface applied pesticides that are subsequently incorporated into the soil by a cultivator.
SHANK INJECTION WITH TARPS	Ground application equipment that uses a shank or other piece of equipment to directly apply a pesticide into the soil and a tarp is placed over the soil to restrict the pesticide to the application site.
GROUND, OTHER OR UNSPECIFIED	Ground application equipment, unknown or unspecified. This includes two or more types of ground application equipment. The following equipment is excluded: 1) GROUND BOOM, OTHER OR UNSPECIFED, 2) GROUND BOOM BELOW/BEHIND, 3) OVER-THE-VINE BOOM, 4) ELECTROSTATIC SPRAYER, 5) AIRBLAST SPRAYERS, 6) POWER DUSTERS, 7) SHANK INJECTION WITHOUT TARPS, and 8) SHANK INJECTION WITH TARPS).

EQUIPMENT TYPE	Definition
HAND-HELD APPLICATION EQUIPMENT	
PRESSURIZED HOSE-LINE SPRAYERS	Hand-held spray equipment attached by a long hose to a power pressurized tank. This excludes hose-end sprayers which are classified under HAND, OTHER OR UNSPECIFIED.
HAND PUMP SPRAYER	Hand-held compressed air sprayer with small volume tanks (1 to 5 gallons). This excludes BACK PACK SPRAYERS.
HAND-HELD DUSTERS	Hand-held application equipment for granules or dust. This includes belly grinders, bellows, squeeze bulbs, etc.
BACK PACK SPRAYER	Compressed air sprayer where the tank is worn on the back of the applicator.
UNPRESSURIZED HAND-HELD SPRAY EQUIPMENT	Hand-held spray bottles (usually plastic) with built-in finger triggers.
AEROSOL CAN	Disposable pressurized cans designed for intermittent use. The pesticide is propelled out of the can by an inert compressed gas propellant. This excludes FOGGERS.
FOGGERS	Disposable pressurized cans designed for the total release of the contents in a single use. The pesticide is propelled out of the can by an inert compressed gas propellant.
AEROSOL/FOG GENERATING EQUIPMENT	Refillable application equipment designed to disperse pesticide as a small airborne droplet, either in confined spaces or outdoor areas. These include truck-mounted equipment for outdoor use, hand-carried portable units and wall mounted electric units that are found in dairies, restaurants, etc.
HAND, OTHER OR UNSPECIFIED	Hand-held application equipment, other or unspecified. The equipment must propel the pesticide from a reservoir. This includes 1) hose-end sprayers, and 2) two or more types of hand-held application equipment. This excludes: 1) PRESSURIZED HOSE-LINE SPRAYERS, 2) HAND PUMP SPRAYER, 3) HAND-HELD DUSTERS, 4) BACK PACK SPRAYER, 5) UNPRESSURIZED HAND-HELD SPRAY EQUIPMENT, 6) AEROSOL CAN, 7) FOGGERS, and AEROSOL/FOG GENERATING EQUIPMENT.
OTHER TYPES OF NON-MANUAL APPICATION EQUIPMENT	
CHAMBER	An enclosed, sealed chamber designed specifically for fumigating or sterilizing the contents of the chamber.
TARP	Tarp placed over a commodity or structure and designed to restrict a fumigant to the application site.
AUTOMATIC EQUIPMENT, OTHER OR UNSPECIFIED	Equipment that automatically injects the pesticide to the target area. This includes equipment attached to milking machinery, dishwashers, etc. This excludes 1) enclosed and sealed CHAMBERS, 2) AUTOMATIC EQUIPMENT, CHLORINATORS, 3) DRIP IRRIGATION EQUIPMENT, and 4) SPRINKLER IRRIGATION EQUIPMENT.
AUTOMATIC EQUIPMENT, CHLORINATORS	Chlorination units that automatically inject chlorine into water for disinfection purposes. This includes chlorinators for swimming pools, packing houses and food processing plants.

EQUIPMENT TYPE	Definition
OTHER TYPES OF NON-MANUAL APPICATION EQUIPMENT (continued)	
DRIP IRRIGATION EQUIPMENT	Chemigation through drip irrigation equipment.
SPRINKLER IRRIGATION EQUIPMENT	Chemigation through sprinkler irrigation equipment.
MANUAL APPICATION EQUIPMENT	
IMMERSION EQUIPMENT	Tanks, trays, sinks, etc. used for the dipping of animals, produce, bulbs, medical equipment, dishes, pots and pans, etc.
IMPLEMENTS WITH HANDLES	Mops, brushes, and other implements with handles.
IMPLEMENTS WITHOUT HANDLES	Cloths, towels, rags, sponges and other implements without handles.
MANUAL PLACEMENT	Manual placement of a pesticide directly to a target site. This includes bait stations, hand tossed pellets, and direct pouring of a pesticide onto a target surface from a container (such as pouring liquid chlorine directly into swimming pool water). This excludes the placement of fumigation pellet packs in CHAMBERS and under TARPS.
MANUAL APPLICATION METHODS, OTHER OR UNSPECIFIED	Manual application methods, other or unspecified. The pesticide is not propelled by any type of equipment. This includes two or more types of manual application methods. This excludes: 1) IMMERSION EQUIPMENT, 2) IMPLEMENTS WITH HANDLES, 3) IMPLEMENTS WITHOUT HANDLES, and 4) MANUAL PLACEMENT.
OTHER	
OTHER	Any application methodology not described above. This includes two or more types of application equipment not elsewhere specified. The application methodology is typically described in the comments.
UNKNOWN	The type of application equipment is not known.
NOT APPLICABLE	No application equipment is involved.