

Proposed Data Elements for Pesticide Incidents

Office of Pesticide Programs
U.S. Environmental Protection Agency
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I. Human Health Incidents

Subgroup	Data Element	Description
Contact Information	Submitter Name	Name and title of the individual submitting the incident report to the EPA.
	Submitter Organization	For 6(a)(2) reporting, the name of the registrant submitting the incident report. For other reporting, name of the entity (e.g., government agency, nonprofit organization, or academic institution) that is submitting the incident report to the EPA. If it is a private citizen, enter "private citizen."
	Submitter Category	Category of the entity submitting the report. ("Registrant" for 6(a)(2) reports)
	Submitter Address	Address of the individual reporting the incident to the Registrant or Registrant Agent.
	Submitter Phone #	Phone number of the individual reporting the incident to the Registrant or Registrant Agent.
	Submitter Email	Email of the individual reporting the incident to the Registrant or Registrant Agent.
	Report Date	Date that the incident report was prepared.
	Contact Name	Contact information for a person, other than the submitter, who may be contacted for obtaining further information on the incident. This may be the complainant, a physician, a veterinarian, or a wildlife biologist.
Incident Data	Incident Type	Human.
	Reporter's Case Number	Non-OPP case number from submitter for the incident (if exists).
	Incident Location	The location where the pesticide exposure is believed to have occurred. Location fields will include Town/City, County/Province, State, and Country.
	GPS Coordinates	Latitude and longitude coordinate of the incident location.

Subgroup	Data Element	Description
	Exposure Date (Start)	Date of the exposure, or if more than one day, the start date of the exposure.
	Exposure Date (End)	End date range of the exposure.
	Incident Date (Start)	Date of the observed adverse effects, or if more than one day, the start date of the observed adverse effects.
	Incident Date (End)	End date of the observed adverse effects.
	Date Comment	Use to provide information about the timing of the incident when exact dates are not known. (Example: "Early April"). May also be used for comments concerning the start and end dates.
	Incident Awareness Date	Date when the registrant, or registrant agent, became aware of the incident. Not applicable to non-6(a)(2) incident reporting.
	Notification (Yes/No)	Indicates if the incident was reported to a government agency other than the EPA, such as a state government office.
	Notification (Text Field)	Identifies the federal, state, or regional government office (other than EPA) that was notified of this incident.
	Part of a Study?	Indicates if the incident part of a larger study? An example is ongoing worker exposure studies.
	Status (New or Update)	Indicates if the report is for a new incident or an update to a previously submitted incident.
Number Affected	Number Affected	The number of persons having the adverse effect. Enter the exact number.
Pesticide Information	EPA Registration No.	EPA Product Registration Number. Include the 1-6 digit manufacturer number and the 1-5 digit product identification number. Separate the two numbers with a hyphen. Distributor's number, if applicable, is entered separately.
	Canadian Reg. No.	Canadian product registration number (for Canadian incidents only)

Subgroup	Data Element	Description
	Product Name	Product name. Should include the complete trade name, including codes describing the formulation, and any description of pesticide type. Example: "Propazine 80W Herbicide"
	Product Formulation	Formulation type of the product as purchased.
	Formulation as Applied	Formulation type of the product when it was applied (e.g. diluted solution, granule, dust, etc.)
	Active Ingredient	Common name of the active ingredient to which the affected person or other organism was exposed.
	Active Ingredient Comment	Information on the identity of the active ingredient when the specific ingredient cannot be identified or is not on the drop-down list. Enter the ingredient name if known but is not on the list. If the ingredient identity is unknown, enter the known or suspected chemical class or classes (e.g., "carbamate" or "anticoagulant rodenticide") or enter "unknown."
	Restricted Use Product	Indicates if the product is a restricted use product
Application Information	Application Site Category	General category of application site (Agricultural, Residential, Commercial, etc.)
	Application Site	Description of the site where the pesticide product was applied. If it is an agricultural site, identify the crop. If an accidental exposure, enter the site of the exposure. If applied to an animal, enter "Animal treatment".
	Application Method	Description of method used to apply the pesticide. Examples include aerial spraying, ground spraying, granular application, and bait placement.
	Application Rate	Rate of the application of product, if known. Enter value and units.
	Misuse	Yes/No/Uncertain. Indicates if the manner the product was used was in violation of the label.
	Misuse Comment	For misuse cases, comment on evidence indicating misuse of the product.
	Applicator Certification	Yes/No. Indicates if product was applied by, or under the supervision of, a certified applicator.

Subgroup	Data Element	Description
Incident Description	Incident Description	Description of what happened, including a general description of the suspected pesticide exposure and the adverse effects/symptoms observed. Also may include other important details not captured by the other data fields.
	Incident Site	Description of the site where the person or organism was exposed to the pesticide, or if unknown, enter where symptoms, mortality, or other adverse effects were observed.
	Route of Exposure	Primary the route of exposure of individuals affected (e.g., oral, dermal, inhalation, or ocular)
	Exposure Pathway	The route of transport of the pesticide from the site of application to the affected organism (e.g., spray drift, run-off, volatilization, secondary exposure).
Lab Report	Lab Report Title	Title or description of the laboratory report(s) that the submitter attaches or encloses with the incident report submitted to the EPA.
	Lab Report Number	Report number for the laboratory report.
Demographic Information	Case ID	ID used in the incident report to identify individuals affected. If none are given, sequential numbers will be assigned.
	Age	The age of the individual exposed. Enter number and unit, or a general description (e.g., young adult)
	Sex	The sex of the individual exposed.
	Occupation	If the incident was occupationally related, state the occupation of the individual involved.
	Suicide/homicide	Yes/No. Indicate if the incident was the result of a suicide or homicide.
	Pregnancy Status	Pregnancy status of individual exposed.
Exposure	Exposure Activity	Description of how the product was being used at the time of the reported incident, or what the exposed individual was doing when the exposure occurred.
	Circumstances of Exposure	Description of the event that caused the pesticide exposure.

Subgroup	Data Element	Description
	Exposure to Concentrate	Yes/No. "Yes" indicates the product is sold in a concentrated form and the incident involves exposure to the concentrate prior to dilution.
	Protective equipment (Yes/No)	Indicates if any personal protective equipment (PPE) was used by the affected person(s) at the time of the incident.
	Protective equipment	Description of the type of personal protective equipment (PPE) and protective clothing that was used or worn by the affected person(s) at the time of the incident.
	Workdays lost	Number of workdays lost due to the incident, if known.
	Time to Symptoms	Indicate how long after the incident occurred that the first signs and symptoms were noted.
Adverse Effects	Medical Care	The type of medical care or consultation sought. Examples include none, clinic, hospital emergency department, private physician, PCC (Poison Control Center), hospital inpatient.
	Symptom Type	Classification of the type of symptom(s) observed. May select more than one.
	Symptoms Comment	Optional field to provide a more detailed description of the symptoms that correspond to the symptom type.
	Case Outcome	Characterization of the current status or final outcome of adverse effects.
Lab Results	Lab Test Results	Results of laboratory tests, such as blood test or urine analysis.
Residential (non-ag)	Indoor or Outdoor	Indicates if the product was used indoors or outdoors

EPA Fields	PC Code	PC Code(s) of the active ingredient(s) to which the affected person or other organism was exposed.
	Certainty	EPA's conclusion on the certainty that the ingredient caused or contributed significantly to causing the observed adverse effects. Entered for each ingredient.
	Certainty Discussion	A brief discussion of the evidence supporting the certainty level that EPA assigned to the ingredient.

Subgroup	Data Element	Description
	Legality	EPA's categorization on the legality of the pesticide use. Legality categories are "Registered Use," "Suspected Misuse," "Known Misuse," and "Malicious Intent." ["Malicious Intent" used for intentional targeting of affected person or non-target organism.]
	Exposure-Severity Code	Code that indicates the type of incident and the severity level of the incident.

II. Pet and Domestic Animal Incidents

Subgroup	Data Element	Description
Contact Information	Submitter Name	Name and title of the individual submitting the incident report to the EPA.
	Submitter Organization	For 6(a)(2) reporting, the name of the registrant submitting the incident report. For other reporting, name of the entity (e.g., government agency, nonprofit organization, or academic institution) that is submitting the incident report to the EPA. If it is a private citizen, enter "private citizen."
	Submitter Category	Category of the entity submitting the report. ("Registrant" for 6(a)(2) reports)
	Submitter Address	Address of the individual reporting the incident to the Registrant or Registrant Agent.
	Submitter Phone #	Phone number of the individual reporting the incident to the Registrant or Registrant Agent.
	Submitter Email	Email of the individual reporting the incident to the Registrant or Registrant Agent.
	Report Date	Date that the incident report was prepared.
	Contact Name	Contact information for a person, other than the submitter, who may be contacted for obtaining further information on the incident. This may be the complainant, a physician, a veterinarian, or a wildlife biologist.
Incident Data	Incident Type	Pet/domestic animal
	Reporter's Case Number	Non-OPP case number from submitter for the incident (if exists).
	Incident Location	The location where the pesticide exposure is believed to have occurred. Location fields will include Town/City, County/Province, State, and Country.
	GPS Coordinates	Latitude and longitude coordinate of the incident location.

Subgroup	Data Element	Description
	Exposure Date (Start)	Date of the exposure, or if more than one day, the start date of the exposure.
	Exposure Date (End)	End date range of the exposure.
	Incident Date (Start)	Date of the observed adverse effects, or if more than one day, the start date of the observed adverse effects.
	Incident Date (End)	End date of the observed adverse effects.
	Date Comment	Use to provide information about the timing of the incident when exact dates are not known. (Example: "Early April"). May also be used for comments concerning the start and end dates.
	Incident Awareness Date	Date when the registrant, or registrant agent, became aware of the incident. Not applicable to non-6(a)(2) incident reporting.
	Notification (Yes/No)	Indicates if the incident was reported to a government agency other than the EPA, such as a state government office.
	Notification (Text Field)	Identifies the federal, state, or regional government office (other than EPA) that was notified of this incident.
	Part of a Study?	Indicates if the incident part of a larger study?
	Status (New or Update)	Indicates if the report is for a new incident or an update to a previously submitted incident.
Species and Number Affected	Species, Common Name	The common name of the species affected. May enter multiple values.
	Species, Scientific Name	Name of the species affected. (e.g., dog, cat horse, etc.)
	Number Affected	The number observed having the adverse effect. Enter the exact number if known, or a range if only an estimate is possible.
	Estimate?	Indicates if the number entered in "Number Affected" is an estimate.
	Number Affected Range	The minimum and maximum value of a range describing the approximate number of persons or organisms that were observed having the adverse effect.

Subgroup	Data Element	Description
	Number Affected Comment	Text description or clarification of the number affected. This may include information on uncertainty about the number or range entered. May also provide a breakdown of the number affected by sex and/or age class (e.g. 2 adult males and 1 juvenile female).
Pesticide Information	EPA Registration No.	EPA Product Registration Number. Include the 1-6 digit manufacturer number and the 1-5 digit product identification number. Separate the two numbers with a hyphen. Distributor's number, if applicable, is entered separately.
	Canadian Reg. No.	Canadian product registration number (for Canadian incidents only)
	Product Name	Product name. Should include the complete trade name, including codes describing the formulation, and any description of pesticide type. Example: "Propazine 80W Herbicide"
	Product Formulation	Formulation type of the product as purchased.
	Formulation as Applied	Formulation type of the product when it was applied (e.g. diluted solution, granule, dust, etc.)
	Active Ingredient	Common name of the active ingredient to which the affected person or other organism was exposed.
	Active Ingredient Comment	Information on the identity of the active ingredient when the specific ingredient cannot be identified or is not on the drop-down list. Enter the ingredient name if known but is not on the list. If the ingredient identity is unknown, enter the known or suspected chemical class or classes (e.g., "carbamate" or "anticoagulant rodenticide") or enter "unknown."
	Restricted Use Product	Indicates if the product is a restricted use product
Application Information	Application Site Category	General category of application site (Agricultural, Residential, Commercial, etc.)

Subgroup	Data Element	Description
	Application Site	Description of the site where the pesticide product was applied. If it is an agricultural site, identify the crop. If an accidental exposure, enter the site of the exposure. If applied to an animal, enter "Animal treatment".
	Application Method	Description of method used to apply the pesticide. Examples include aerial spraying, ground spraying, granular application, and bait placement.
	Application Rate	Rate of the application of product, if known. Enter value and units.
	Misuse	Yes/No/Uncertain. Indicates if the manner the product was used was in violation of the label.
	Misuse Comment	For misuse cases, comment on evidence indicating misuse of the product.
	Applicator Certification	Yes/No. Indicates if product was applied by, or under the supervision of, a certified applicator.
Incident Description	Incident Description	Description of what happened, including a general description of the suspected pesticide exposure and the adverse effects/symptoms observed. Also may include other important details not captured by the other data fields.
	Incident Site	Description of the site where exposure occurred. If unknown, enter where symptoms, mortality, or other adverse effects were observed.
	Route of Exposure	Primary the route of exposure of individuals affected (e.g., oral, dermal, inhalation, or ocular)
	Exposure Pathway	The route of transport of the pesticide from the site of application to the affected organism (e.g., spray drift, run-off, volatilization, secondary exposure).
Lab Report	Lab Report Title	Title or description of the laboratory report(s) that the submitter attaches or encloses with the incident report submitted to the EPA.
	Lab Report Number	Report number for the laboratory report.

Subgroup	Data Element	Description
Animal Description	Case ID	ID code that identifies the case, i.e., the individual animal affected. May use the code given in the incident report, otherwise assign sequential numbers.
	Type of animal	Type of animal (Dog, Cat, Exotic Pet, Livestock, Poultry, or Other).
	Breed	Breed of animal.
	Size	Size class (small, medium, large, or extra-large) of animal affected.
Adverse Effects	Time to Symptoms	The amount of time after the incident occurred until when the first signs and symptoms were noted.
	Case Symptoms	Written description of signs and symptoms affecting a particular individual. Include description of severity, if possible.
	Case Outcome	Characterization of the current status or final outcome of adverse effects.
	Domestic Animal Product	Indicates if the product is sold for use on domestic animals, such as spot on or shampoo.
EPA Fields	PC Code	PC Code(s) of the active ingredient(s) to which the affected person or other organism was exposed.
	Certainty	EPA's conclusion on the certainty that the ingredient caused or contributed significantly to causing the observed adverse effects. Entered for each ingredient.
	Certainty Discussion	A brief discussion of the evidence supporting the certainty level that EPA assigned to the ingredient.
	Legality	EPA's categorization on the legality of the pesticide use. Legality categories are "Registered Use," "Suspected Misuse," "Known Misuse," and "Malicious Intent." ["Malicious Intent" used for intentional targeting of affected person or non-target organism.]
	Exposure-Severity Code	Code that indicates the type of incident and the severity level of the incident.

III. Fish and Wildlife Incidents

Subgroup	Data Element	Description
Contact Information	Submitter Name	Name and title of the individual submitting the incident report to the EPA.
	Submitter Organization	For 6(a)(2) reporting, the name of the registrant submitting the incident report. For other reporting, name of the entity (e.g., government agency, nonprofit organization, or academic institution) that is submitting the incident report to the EPA. If it is a private citizen, enter "private citizen."
	Submitter Category	Category of the entity submitting the report. ("Registrant" for 6(a)(2) reports)
	Submitter Address	Address of the individual submitting the report. (The registrant for 6(a)(2) reports.)
	Submitter Phone #	Phone number of the individual reporting the incident to the Registrant or Registrant Agent.
	Submitter Email	Email of the individual reporting the incident to the Registrant or Registrant Agent.
	Report Date	Date that the incident report was prepared.
	Contact Name	Contact information for a person, other than the submitter, who may be contacted for obtaining further information on the incident. This may be the complainant, a physician, a veterinarian, or a wildlife biologist.
	Incident Date (Start)	Date of the observed adverse effects, or if more than one day, the start date of the observed adverse effects.
	Incident Date (End)	End date of the observed adverse effects.
	Date Comment	Use to provide information about the timing of the incident when exact dates are not known. (Example: "Early April"). May also be used for comments concerning the start and end dates.
	Incident Awareness Date	Date when the registrant, or registrant agent, became aware of the incident. Not applicable to non-6(a)(2) incident reporting.
	Notification (Yes/No)	Indicates if the incident was reported to a government agency other than the EPA, such as a state government office.

Subgroup	Data Element	Description
	Notification (Text Field)	Identifies the federal, state, or regional government office (other than EPA) that was notified of this incident.
	Part of a Study?	Indicates if the incident part of a larger study? An example is ongoing monitoring studies of pesticides in ground or surface water.
	Status (New or Update)	Indicates if the report is for a new incident or an update to a previously submitted incident.
Species and Number Affected	Species, Common Name	The common name of the species affected. May enter multiple values for some incidents.
	Species, Scientific Name	Scientific name of the species affected.
	Number Affected	The number of each species that were observed having the adverse effect. Enter the exact number if known, or a range if only an estimate is possible.
		Indicates if the number entered in "Number Affected" is an estimate.
		The minimum value of a range describing the approximate number of each species that were observed having the adverse effect.
		The maximum value of a range describing the approximate number of each species that were observed having the adverse effect.
		Text description or clarification of the number affected. This may include information on uncertainty about the number or range entered. May also provide a breakdown of the number affected by sex and/or age class (e.g. 2 adult males and 1 juvenile female).
Pesticide Information	EPA Registration No.	EPA Product Registration Number. Include the 1-6 digit manufacturer number and the 1-5 digit product identification number. Separate the two numbers with a hyphen. Distributor's number, if applicable, is entered separately.
	Canadian Reg. No.	Canadian product registration number (for Canadian incidents only).

Subgroup	Data Element	Description
	Product Name	Product name. Should include the complete trade name, including codes describing the formulation, and any description of pesticide type. Example: "Propazine 80W Herbicide"
	Product Formulation	Formulation type of the product as purchased.
	Formulation as Applied	Formulation type of the product when it was applied (e.g. diluted solution, granule, dust, etc.)
	Active Ingredient	Common name of the active ingredient.
	Active Ingredient Comment	Information on the identity of the active ingredient when the specific ingredient cannot be identified or is not on the drop-down list. Enter the ingredient name if known but is not on the list. If the ingredient identity is unknown, enter the known or suspected chemical class or classes (e.g., "carbamate" or "anticoagulant rodenticide") or enter "unknown."
	Restricted Use Product	Indicates if the product is a restricted use product.
Application Information	Application Site Category	General category of application site (Agricultural, Residential, Commercial, etc.)
	Application Site	Description of the site where the pesticide product was applied. If it is an agricultural site, identify the crop. If an accidental exposure, enter the site of the exposure. If applied to an animal, enter "Animal treatment".
	Application Method	Description of method used to apply the pesticide. Examples include aerial spraying, ground spraying, granular application, and bait placement.
	Application Rate	Rate of the application of product, if known. Enter value and units.
	Misuse	Yes/No/Uncertain. Indicates if the manner the product was used was in violation of the label.
	Misuse Comment	For misuse cases, comment on evidence indicating misuse of the product.

Subgroup	Data Element	Description
	Applicator Certification	Yes/No. Indicates if product was applied by, or under the supervision of, a certified applicator.
Incident Description	Incident Description	Description of what happened, including a general description of the suspected pesticide exposure and the adverse effects/symptoms observed. Also may include other important details not captured by the other data fields.
	Incident Site	Description of the site where the exposure occurred. If unknown, enter where symptoms, mortality, or other adverse effects were observed.
	Route of Exposure	Primary the route of exposure of individuals affected (e.g., oral, dermal, inhalation, or ocular)
	Exposure Pathway	The route of transport of the pesticide from the site of application to the affected organism (e.g., spray drift, run-off, volatilization, secondary exposure).
Lab Report	Lab Report Title	Title or description of the laboratory report(s) that the submitter attaches or encloses with the incident report submitted to the EPA.
	Lab Report Number	Report number for the laboratory report.
Weather	Weather	Significant weather conditions at the time of the incident.
Effect	Taxa	General taxonomic group of animals affected (bird, mammal, fish, etc.)
	Animal Species Scientific Name	Scientific name of animal species affected.
	Endangered Species	Endangered species status.
	Exact count?	Indicates if the number affected is an exact count or an estimate.
	Life Stage	Life stage of organism affected.
	Species Symptom Type	General keyword description of the most severe symptom observed in the particular species.
	Distance	Distance the species was found from the pesticide treatment site.

Subgroup	Data Element	Description
	Analytical Results	Summary of laboratory results of pesticide residue and other toxicology analysis performed on tissue samples or environmental samples.
Environmental Sample	PC Code (Env.)	PC Code of the pesticide measured in analysis of tissue sample. If a pesticide degradation product or metabolite was measured, then the PC code is for the parent compound.
	Degradate Name (Env.)	Common name of the compound measured when it is a degradation product or metabolite of an active ingredient. (Note that the PC Code of the parent compound is also entered.)
	Environmental Sample Type	Type of environmental medium analyzed (water, soil, vegetation, etc).
	Environmental Concentration	Concentration of the pesticide measured in a particular sample, in parts per billion (ppb). May be expressed as a value, an inequality (e.g., "<10"), or as a character string (e.g., "+" or "1.5-3.7").
	Water pH	pH measurement(s) of water at the incident site (single value or a range).
	Water Dissolved Oxygen	Dissolved oxygen measurement(s) of water at the incident site (single value or a range), in mg/L.
EPA Fields	PC Code	PC Code(s) of the active ingredient(s) to which the affected person or other organism was exposed.
	Certainty	EPA's conclusion on the certainty that the ingredient caused or contributed significantly to causing the observed adverse effects. Entered for each ingredient.
	Certainty Discussion	A brief discussion of the evidence supporting the certainty level that EPA assigned to the ingredient.

Subgroup	Data Element	Description
	Legality	EPA's categorization on the legality of the pesticide use. Legality categories are "Registered Use," "Suspected Misuse," "Known Misuse," and "Malicious Intent." ["Malicious Intent" used for intentional targeting of affected person or non-target organism.]
	Exposure-Severity Code	Code that indicates the type of incident and the severity level of the incident.

IV. Insect Pollinator Incidents

Subgroup	Data Element	Description
Contact Information	Submitter Name	Name and title of the individual submitting the incident report to the EPA.
	Submitter Organization	For 6(a)(2) reporting, the name of the registrant submitting the incident report. For other reporting, name of the entity (e.g., government agency, nonprofit organization, or academic institution) that is submitting the incident report to the EPA. If it is a private citizen, enter "private citizen."
	Submitter Category	Category of the entity submitting the report. ("Registrant" for 6(a)(2) reports)
	Submitter Address	Address of the individual reporting the incident to the Registrant or Registrant Agent.
	Submitter Phone #	Phone number of the individual reporting the incident to the Registrant or Registrant Agent.
	Submitter Email	Email of the individual reporting the incident to the Registrant or Registrant Agent.
	Report Date	Date that the incident report was prepared.
	Contact Name	Contact information for a person, other than the submitter, who may be contacted for obtaining further information on the incident. This may be the complainant, a physician, a veterinarian, or a wildlife biologist.
Incident Data	Incident Type	Insect Pollinator.
	Reporter's Case Number	Non-OPP case number from submitter for the incident (if exists).
	Incident Location	The location where the pesticide exposure is believed to have occurred. If unknown, use the location where the mortality or other adverse effects were observed. Location fields will include Town/City, County/Province, State, and Country.
	GPS Coordinates	Latitude and longitude coordinate of the incident location.
	Exposure Date (Start)	Date of the exposure, or if more than one day, the start date of the exposure.

Subgroup	Data Element	Description
	Exposure Date (End)	End date range of the exposure.
	Incident Date (Start)	Date of the observed adverse effects, or if more than one day, the start date of the observed adverse effects.
	Incident Date (End)	End date of the observed adverse effects.
	Date Comment	Use to provide information about the timing of the incident when exact dates are not known. (Example: "Early April"). May also be used for comments concerning the start and end dates.
	Incident Awareness Date	Date when the registrant, or registrant agent, became aware of the incident. Not applicable to non-6(a)(2) incident reporting.
	Notification (Yes/No)	Indicates if the incident was reported to a government agency other than the EPA, such as a state government office.
	Notification (Text Field)	Identifies the federal, state, or regional government office (other than EPA) that was notified of this incident.
	Part of a Study?	Indicates if the incident part of a larger study? An example is ongoing monitoring studies of pesticides in ground or surface water.
	Status (New or Update)	Indicates if the report is for a new incident or an update to a previously submitted incident.
	Species, Scientific Name	Scientific name of the species affected.
	Number Affected	The number of insect pollinators that were observed having the adverse effect. Enter the exact number if known, or a range if only an estimate is possible.
		Indicates if the number entered in "Number Affected" is an estimate.
		The minimum value of a range describing the approximate number that were observed having the adverse effect.
		The maximum value of a range describing the approximate number that were observed having the adverse effect.
	EPA Registration No.	EPA Product Registration Number. Include the 1-6 digit manufacturer number and the 1-5 digit product identification number. Separate

Subgroup	Data Element	Description
		the two numbers with a hyphen. Distributor's number, if applicable, is entered separately.
	Canadian Reg. No.	Canadian product registration number (for Canadian incidents only)
	Product Name	Product name. Should include the complete trade name, including codes describing the formulation, and any description of pesticide type. Example: "Propazine 80W Herbicide"
	Product Formulation	Formulation type of the product as purchased.
	Formulation as Applied	Formulation type of the product when it was applied (e.g. diluted solution, granule, dust, etc.)
	Active Ingredient	Common name of the active ingredient to which the affected person or other organism was exposed.
	Active Ingredient Comment	Information on the identity of the active ingredient when the specific ingredient cannot be identified or is not on the drop-down list. Enter the ingredient name if known but is not on the list. If the ingredient identity is unknown, enter the known or suspected chemical class or classes (e.g., "carbamate" or "anticoagulant rodenticide") or enter "unknown."
	Restricted Use Product	Indicates if the product is a restricted use product
Application Information	Application Site Category	General category of application site (Agricultural, Residential, Commercial, etc.)
	Application Site	Description of the site where the pesticide product was applied. If it is an agricultural site, identify the crop. If an accidental exposure, enter the site of the exposure. If applied to an animal, enter "Animal treatment".
	Application Method	Description of method used to apply the pesticide. Examples include aerial spraying, ground spraying, granular application, and bait placement.
	Application Rate	Rate of the application of product, if known. Enter value and units.
	Misuse	Yes/No/Uncertain. Indicates if the manner the product was used was in violation of the label.

Subgroup	Data Element	Description
	Misuse Comment	For misuse cases, comment on evidence indicating misuse of the product.
	Applicator Certification	Yes/No. Indicates if product was applied by, or under the supervision of, a certified applicator.
Incident Description	Incident Description	Description of what happened, including a general description of the suspected pesticide exposure and the adverse effects/symptoms observed. Also may include other important details not captured by the other data fields.
	Incident Site	Description of the site where the person or organism was exposed to the pesticide, or if unknown, enter where symptoms, mortality, or other adverse effects were observed.
	Route of Exposure	Primary the route of exposure of individuals affected (e.g., oral, dermal, inhalation, or ocular)
	Exposure Pathway	The route of transport of the pesticide from the site of application to the affected organism (e.g., spray drift, run-off, volatilization, secondary exposure).
Lab Report	Lab Report Title	Title or description of the laboratory report(s) that the submitter attaches or encloses with the incident report submitted to the EPA.
	Lab Report Number	Report number for the laboratory report.
Weather	Weather	Significant weather conditions at the time of the incident was first observed.
Application Information	Time of Application	Time of day the application was made.
Adverse Effect Information	Subspecies	Subspecies of honey bees affected (e.g., carnolian, Russian, Italian, unknown, other).
	Bee Use	Identifies if bees are used for pollinator services.
		Identifies if bees are used for honey production.
	Species Symptom Type	General keyword description of the most severe symptom observed in the particular species.
		Indicates if significant mortality of adult insects occurred.

Subgroup	Data Element	Description
		Indicates if significant mortality of larvae or pupae occurred.
		Indicates if loss of the queen bee occurred.
	Dead Bee Location	Location relative to the hive where dead bees were found. (For bee kills only.)
	Spray Drift	Information on how the affected insect pollinators may have (or may not) have been affected by spray drift from upwind pesticide applications.
Land Use Information	Immediate Land Use	For honey bees, description of the crop or land use type at the location of the hives. For other species, description of the crop or land use type where the affected insects were observed.
	Immediate Bloom	Indicates the level of bloom of a crop or of non-crop plants growing in the immediate land use area.
	Immediate Foraging	Indicates if the affected insect pollinators are suspected of foraging in the immediate land use area at the time of the incident.
	Nearby Land Use	Description of crops or other land use classes that are adjacent to or nearby the incident site. If foraging behavior of the affected species is known, then land uses of nearby areas where the insect may have been foraging should be identified. May enter more than one value.
	Nearby Bloom	Indicates the level of bloom of a crop or of non-crop plants growing in the nearby land use area.
	Nearby Foraging	Indicates if the affected insect pollinators are suspected of foraging in the nearby land use area at the time of the incident.
Hive Health	Varroa Mite Load	The level of Varroa mite load of the colonies during the last 4 months.
	Nosema Infection	The level of Nosema fungal infection and the controls used for the fungal disease during the last 4 months.
	Hive treatment	Description of any pesticide applied to the hive during the past four months, and what the application was meant to treat.

Subgroup	Data Element	Description
	Incident Investigation	Provides information on any activities that are underway to investigate the incident, including analysis of samples for pesticide residues.
	Analytical Results	Summary of laboratory results of pesticide residue and other toxicology analysis performed on bee, honey, wax, or environmental samples.
EPA Fields	PC Code	PC Code(s) of the active ingredient(s) to which the affected person or other organism was exposed.
	Certainty	EPA's conclusion on the certainty that the ingredient caused or contributed significantly to causing the observed adverse effects. Entered for each ingredient.
	Certainty Discussion	A brief discussion of the evidence supporting the certainty level that EPA assigned to the ingredient.
	Legality	EPA's categorization on the legality of the pesticide use. Legality categories are "Registered Use," "Suspected Misuse," "Known Misuse," and "Malicious Intent." ["Malicious Intent" used for intentional targeting of affected person or non-target organism.]
	Exposure-Severity Code	Code that indicates the type of incident and the severity level of the incident.

V. Plant Incidents

Subgroup	Data Element	Description
Contact Information	Submitter Name	Name and title of the individual submitting the incident report to the EPA.
	Submitter Organization	For 6(a)(2) reporting, the name of the registrant submitting the incident report. For other reporting, name of the entity (e.g., government agency, nonprofit organization, or academic institution) that is submitting the incident report to the EPA. If it is a private citizen, enter "private citizen."
	Submitter Category	Category of the entity submitting the report. ("Registrant" for 6(a)(2) reports)
	Submitter Address	Address of the individual reporting the incident to the Registrant or Registrant Agent.
	Submitter Phone #	Phone number of the individual reporting the incident to the Registrant or Registrant Agent.
	Submitter Email	Email of the individual reporting the incident to the Registrant or Registrant Agent.
	Report Date	Date that the incident report was prepared.
	Contact Name	Contact information for a person, other than the submitter, who may be contacted for obtaining further information on the incident. This may be the complainant, a physician, a veterinarian, or a wildlife biologist.
Incident Data	Incident Type	Plant.
	Reporter's Case Number	Non-OPP case number from submitter for the incident (if exists).
	Incident Location	The location where the pesticide exposure is believed to have occurred. Location fields will include Town/City, County/Province, State, and Country.
	GPS Coordinates	Latitude and longitude coordinate of the incident location.
	Exposure Date (Start)	Date of the exposure, or if more than one day, the start date of the exposure.
	Exposure Date (End)	End date range of the exposure.

Subgroup	Data Element	Description
	Incident Date (Start)	Date of the observed adverse effects, or if more than one day, the start date of the observed adverse effects.
	Incident Date (End)	End date of the observed adverse effects.
	Date Comment	Use to provide information about the timing of the incident when exact dates are not known. (Example: "Early April"). May also be used for comments concerning the start and end dates.
	Incident Awareness Date	Date when the registrant, or registrant agent, became aware of the incident. Not applicable to non-6a2 incident reporting.
	Notification (Yes/No)	Indicates if the incident was reported to a government agency other than the EPA, such as a state government office.
	Notification (Text Field)	Identifies the federal, state, or regional government office (other than EPA) that was notified of this incident.
	Part of a Study?	Indicates if the incident part of a larger study? An example is ongoing monitoring studies of pesticides in ground or surface water.
	Status (New or Update)	Indicates if the report is for a new incident or an update to a previously submitted incident.
Species and Number Affected	Species, Common Name	The common name of the species affected. May enter multiple values some incidents.
	Species, Scientific Name	Scientific name of the species affected.
	Number Affected	Each species that were observed having the adverse effect. Enter the exact number if known, or a range if only an estimate is possible.
	Estimate?	Indicates if the number entered in "Number Affected" is an estimate.
	Number Affected Range	The minimum and maximum values of a range describing the approximate number of each species that were observed having the adverse effect.

Subgroup	Data Element	Description
	Number Affected Comment	Text description or clarification of the number affected. This may include information on uncertainty about the number or range entered. May also provide a breakdown of the number affected by sex and/or age class (e.g. 2 adult males and 1 juvenile female).
Pesticide Information	EPA Registration No.	EPA Product Registration Number. Include the 1-6 digit manufacturer number and the 1-5 digit product identification number. Separate the two numbers with a hyphen. Distributor's number, if applicable, is entered separately.
	Canadian Reg. No.	Canadian product registration number (for Canadian incidents only)
	Product Name	Product name. Should include the complete trade name, including codes describing the formulation, and any description of pesticide type. Example: "Propazine 80W Herbicide"
	Product Formulation	Formulation type of the product as purchased.
	Formulation as Applied	Formulation type of the product when it was applied (e.g. diluted solution, granule, dust, etc.)
	Active Ingredient	Common name of the active ingredient to which the affected person or other organism was exposed.
	Active Ingredient Comment	Information on the identity of the active ingredient when the specific ingredient cannot be identified or is not on the drop-down list. Enter the ingredient name if known but is not on the list. If the ingredient identity is unknown, enter the known or suspected chemical class or classes (e.g., "carbamate" or "anticoagulant rodenticide") or enter "unknown."
	Restricted Use Product	Indicates if the product is a restricted use product
Application Information	Application Site Category	General category of application site (Agricultural, Residential, Commercial, etc.)
	Application Site	Description of the site where the pesticide product was applied. If it is an agricultural site, identify the crop. If an accidental exposure, enter the site of the exposure. If applied to an animal, enter "Animal treatment".

Subgroup	Data Element	Description
	Application Method	Description of method used to apply the pesticide. Examples include aerial spraying, ground spraying, granular application, and bait placement.
	Application Rate	Rate of the application of product, if known. Enter value and units.
	Misuse	Yes/No/Uncertain. Indicates if the manner the product was used was in violation of the label.
	Misuse Comment	For misuse cases, comment on evidence indicating misuse of the product.
	Applicator Certification	Yes/No. Indicates if product was applied by, or under the supervision of, a certified applicator.
Incident Description	Incident Description	Description of what happened, including a general description of the suspected pesticide exposure and the adverse effects/symptoms observed. Also may include other important details not captured by the other data fields.
	Incident Site	Description of the site where the person or organism was exposed to the pesticide, or if unknown, enter where symptoms, mortality, or other adverse effects were observed.
	Route of Exposure	Primary the route of exposure of individuals affected (e.g., oral, dermal, inhalation, or ocular)
	Exposure Pathway	The route of transport of the pesticide from the site of application to the affected organism (e.g., spray drift, run-off, volatilization, secondary exposure).
Lab Report	Lab Report Title	Title or description of the laboratory report(s) that the submitter attaches or encloses with the incident report submitted to the EPA.
	Lab Report Number	Report number for the laboratory report.
Incident Information	Weather	Significant weather conditions at the time of the incident.
	Life Stage	Life stage of plant(s) affected.
	Distance	Distance between the affected plants and the pesticide treatment site. May be a specific distance (e.g. "200 ft") or a general description (e.g. "vicinity"). If the plant was treated directly with the pesticide, enter "treated directly."

Subgroup	Data Element	Description
	Analytical Results	Summary of laboratory results of pesticide residue analysis performed on plant tissue or environmental samples.
	Acres Treated	The number of acres in the affected field(s) that were treated with the pesticide associated with the incident.
	Acres Damaged	The number of acres that were treated with the pesticide in the affected field(s).
Tissue Analysis	PC Code (Tissue)	PC Code of the pesticide measured in analysis of tissue sample. If a pesticide degradation product or metabolite was measured, then the PC code is for the parent compound.
	Degradate Name (Tissue)	Common name of the compound measured when it is a degradation product or metabolite of an active ingredient. (Note that the PC Code of the parent compound is also entered.)
	Tissue Sample Type	Type of tissue sample analyzed
	Number Analyzed	Number of individual organisms that comprise the sample. May be more than one for pooled samples or when results are reported only as a range.
	Tissue Concentration	Concentration of the pesticide measured in a particular sample, in parts per million (ppm). May be expressed as a value, an inequality (e.g., "<10"), or as a character string (e.g., "+" or "1.5-3.7").
EPA Fields	PC Code	PC Code(s) of the active ingredient(s) to which the affected person or other organism was exposed.
	Certainty	EPA's conclusion on the certainty that the ingredient caused or contributed significantly to causing the observed adverse effects. Entered for each ingredient.
	Certainty Discussion	A brief discussion of the evidence supporting the certainty level that EPA assigned to the ingredient.
	Legality	EPA's categorization on the legality of the pesticide use. Legality categories are "Registered Use," "Suspected Misuse," "Known Misuse," and "Malicious Intent." ["Malicious

Subgroup	Data Element	Description
		Intent" used for intentional targeting of affected person or non-target organism.]
	Exposure-Severity Code	Code that indicates the type of incident and the severity level of the incident.