



Pesticide Illness Surveillance
All Event Summaries (2015)

Event	Event Narrative	#	Pesticide Product(s) (EPA Reg. #)	Active Ingredient(s)
150002	A 36-year-old female set off several bug bombs in her apartment and developed respiratory, gastrointestinal symptoms and headache 6 hours after she reentered apartment. She stayed away the next three nights and sought medical attention.	1	None	Tetramethrin Cypermethrin
150003	An 8-year-old female child was treated for lice by her mother for the fourth time in two months. The child developed gastrointestinal, ocular, dermal, and respiratory symptoms after some of the product got into her left eye and onto her face. She reportedly did not ingest any of the product. She received medical attention the same day.	1	None	Piperonyl butoxide Pyrethrum
150004	A 64-year-old female landlord with asthma and COPD set off 18 foggers in different locations throughout her single family home. While checking on one that had malfunctioned, she sprayed herself in the face. Immediately following the exposure she developed respiratory symptoms that lasted three days. She was transported to the emergency department (ED) by ambulance following the incident and received medical care.	1	RAID FOGGER K (004822-00452)	Cypermethrin
150006	A 35-year-old male construction company employee was sprayed in his eyes with a copper-based wood preservative after the pump sprayer he was using malfunctioned and blew apart. Immediately following the exposure he developed ocular symptoms. The fire department responded, treated him and transported him to the hospital for further evaluation and treatment. He was diagnosed with chemical conjunctivitis and keratitis. His symptoms lasted two weeks.	1	None	Copper naphthenate
150007	A 53-year-old female middle school principal walked outside on an open, covered walkway connecting the school office and library. She detected an odor and saw a cloud of herbicide drifting from an application to a flower bed about 20 feet away from her. She developed ocular and upper respiratory irritation and returned indoors. It was a student holiday but the school was open, hosting a multi-school student event that was wrapping up at the time. No one in the school office was aware that district maintenance personnel were going to spray. Pesticide notification signage and recordkeeping were insufficient. WSDA investigation cited corrective actions needed. As a result of this incident, the school district plans to implement improved notification processes for pesticide applications at their school.	1	ROUNDUP PROMAX (000524-00579) CROSSBOW (062719-00260)	Butoxyethyl 2,4- dichlorophenoxyacetate Glycine, N- (phosphonomethyl)- potassium salt Butoxyethyl triclopyr

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150008	While working in a residential crawlspace, a 33-year-old mechanical installer was exposed to a product containing sodium hypochlorite that had recently been sprayed on the floor of the crawlspace to kill mold. Some of the product soaked through his shirt as he worked in the crawlspace. About 45 minutes later, he developed erythema on his upper back with associated burning, stinging, and itching. He sought medical care. The erythema lasted about three days.	1	! BE-GONE ! (009367-00012)	Propoxur Sodium hypochlorite Trisodium phosphate
150011	37-year-old male general superintendent sprayed bleach concentrate to molded wood in a client's crawl space. He wore PVC rubber rain gear that failed at the seams, and bleach dripped into shirt, exposing his skin. He continued to wear the contaminated clothing for several hours. He went to the ED and received treatment for chemical burns.	1	CGB1 (005813-00102)	Sodium hypochlorite
150012	Two female employees of a car rental agency, ages 55 and 62 arrived to work and noticed a strong odor. They reported respiratory and gastrointestinal health effects that they associated with the odor. The previous night, a co-worker had sprayed an essential oil-based aerosol insecticide on the carpet in her office. The door was closed, but the target office shares same ventilation system with an office of one of the women. The other employee's desk is 50 feet from the effected office. One employee sought healthcare.	2	None	Cinnamon Geraniol
150014	A 27-year-old female developed dermal symptoms after spraying an insecticide to kill bedbugs and fleas inside her apartment. She developed skin irritation on her hand. She sought medical attention three days later where objective signs identified were swelling, redness and burn at the exposure site (hand). She brought the spray bottle to the health care provider's office.	1	HOT SHOT BEDBUG & FLEA HOME INSECT KILLER2 (009688-00297)	lambda-Cyhalothrin
150016	While mixing what she called "30 Second Moss Killer" to kill moss on her driveway, a few drops splashed into the right eye of an 83-year-old woman. She developed a painful burn in her eye immediately on exposure. She was not wearing any eye protection or other required protective equipment at the time. She sought medical attention the same day where she was diagnosed with corneal abrasion. Her symptoms resolved in about three days.	1	30 Seconds Spray & Walk Away (087429-00001)	Sodium hypochlorite Trisodium phosphate
150018	Three adult residents of a subdivision experienced a number of respiratory, neurological and ocular symptoms after they reported inhaling vapors that drifted from a ground sprayer application of herbicides to empty lots around their residences. Two of them sought medical care after the incident. Washington Department of Agriculture (WSDA) investigation concluded that the pesticide utilized was not labeled for use in vacant lots and that the applicator was not properly licensed.	3	PROWL H2O HERBICIDE (000241-00418) HI-YIELD SUPER CONCENTRATE KILL-ZALL II (042750-00061)	Glyphosate-isopropylammonium Pendimethalin
150019	While at his workplace testing a sprayer, a landscaper was sprayed in the face and eyes with an herbicide after the hose connection failed on his sprayer. He developed eye irritation immediately upon exposure. He admitted not reading the product label and was not wearing all of the required protective equipment, including protective eyewear, at the time. He irrigated his face and eyes following the incident, then sought medical attention the same day. His ocular symptoms resolved the following day.	1	EH-1471 HERBICIDE (002217-00930)	Dicamba, dimethylamine salt Dimethylamine 2,4-dichlorophenoxyacetate Quinclorac Sulfentrazone
150020	Two females and a male teacher ages 29 to 34 developed gastrointestinal and respiratory symptoms after pesticide applications to an apple orchard bordering the school district property	3	PN ALL SEASON SPRAY OIL (002935-	Chlorpyrifos Mineral oil - includes

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	were conducted with nine tractors using air-blasters. The application consisted of chlorpyrifos with mineral oil and two fertilizers in a tank mix. The orchard is located north-northwest of the school track grounds and high school parking lots. All three teachers reported being on school grounds outside when they smelled a chemical odor and two of them said that they could taste it. None sought medical attention and their symptoms dissipated within 24 hours. The applications closest to the school grounds occurred approximately five hours before teachers detected the odor. The applicators continued spraying blocks north, farther away from the school property after odor was detected. WSDA samples tested positive in areas close to the track field near to where two of the teachers were. Wind direction and speed at the time of application were conducive to atmospheric inversion.		00546) LORSBAN ADVANCED (062719-00591)	paraffin oil from 063503 Aliphatic petroleum solvent
150021	A 44-year-old male farm worker was assigned to clean-up tasks in a section of apple orchard. The area he was supposed to work in was a block away from an area being sprayed by air-blast sprayer with a tank mix of two insecticides. The worker inadvertently crossed the block that was being sprayed and according to a witness, he was 100 to 140 feet way from the applicator. He felt the spray on his face and eyes. He did not decontaminate right after he was exposed, he continued working. He changed his clothes at home after work. He developed respiratory and dermal symptoms that evening and sought medical treatment the next day. On interview, he expressed concern that his 2 daughters were exposed to residues that he may have unwittingly transferred to them from work.	1	ERASER (062719-00220) APOLLO SC OVICIDE/MITICIDE (066222-00047)	Chlorpyrifos Clofentezine
150022	Two maintenance workers, ages 56 and 54 entered an apartment one-half hour after obtaining permission from the tenants to enter. The tenants weren't there. When the workers entered, they saw mist, but thought it was cigarette smoke. It smelled bad. They started coughing and developed respiratory irritation and dizziness. After 10 minutes in the apartment, they noticed a fogger and left. One of the workers went to the ER. The housing authority that manages the apartments provides pest control to tenants, who are not supposed to apply any pesticides.	2	REAL-KILL INDOOR FOGGER 5 (009688-00249)	Cypermethrin
150023	A 31-year-old male was exposed to a pyrethroid insecticide while spraying the product overhead for two hours outside his residence. During the application, some of the spray fell back onto his arms, legs, and face and he believes that he may have inhaled and ingested some of the spray as well. An hour after beginning the application, he developed aching and cramping in his arms and legs, paresthesia, and nausea. He showered, changed his clothes, and sought medical attention. At the ER, he showered again. His symptoms resolved later that day. He wasn't wearing any personal protective equipment during the application and admitted not reading the product label before applying the product.	1	ORTHO HOME DEFENSE MAX INSECT KILLER FOR INDOOR & PERIMETER 1 (000279-09534)	Bifenthrin Zeta-Cypermethrin Bifenthrin Zeta-Cypermethrin
150026	A 29-year-old female farmworker entered an apple field to tie branches. She smelled a strong odor inside the field and found out the field was just sprayed two hours earlier with a sulfur fungicide. She started developing gastrointestinal, neurological and dermal symptoms 20 minutes after she entered the field. The restricted entry interval (REI) for this product is 48 hours. She wore none of the PPE required by the label. This case was referred to the Department of Labor and Industries (L&I) for investigation.	1	LIME-SULFUR SOLUTION (066196-00002)	Calcium polysulfide

150027	A 55-year-old male farm worker hand-placed aluminum phosphide tablets in burrows for vermin control at an apple orchard. He was instructed to place the tablets in the burrows and pour water on them to brake-down the tablet. As water contacts the tablets, it generates toxic phosphine gas. He was provided rubber gloves and a dust mask to use as his personal protective equipment and continued working in this manner for approximately a month. He developed a number of neurological and dermal symptoms and sought medical attention. This incident was referred to L&I and investigated by their Division of Occupational Safety and Health (DOSH), who determined that the employer violated Worker Protection Standards (WPS) and respiratory protection requirements.	1	None	Aluminum phosphide
150028	A 43-year-old female farm worker was digging holes in a hops field with 3 other workers. An application of fungicide by air blast sprayer began at 9am in the adjacent apple orchard. Two hours later the sprayer was closer and the wind had picked up. She felt the spray on her face and developed skin, eye and respiratory symptoms. She sought medical attention. The incident took place on tribal lands outside of WSDA jurisdiction.	1	DUPONT FONTELIS FUNGICIDE (000352-00834) MANZATE 200 DF FUNGICIDE (001812-00414)	Mancozeb Penthiopyrad
150030	An air-blast spray application was conducted approximately 100 feet away from a single family home. A 60-year-old grandmother was outside at the time and reports seeing the mist move toward her home from the application. She says that she could smell and taste the chemical and that she developed headache, dermal, gastrointestinal and ocular symptoms. Her 16-year-old grandson was also outside, working on a car. He reports headache and ocular symptoms. The case was reported to WSDA and they collected environmental samples 4 days after the incident. Those sample results were negative. The chemical used has high volatility as it is labeled as a combustible liquid under the Safety Data Sheet (SDS).	2	TYPY PLANT GROWTH REGULATOR (055146-00078)	Benzyladenine Gibberellin A4 mixt. with Gibberellin A7
150032	A 58-year-old female was at a retail store when she reached for a flower insecticide concentrate. The lid was not on and it spilled over her arms, chest, leg, and abdomen. She washed off exposed areas but did not change clothes for 4 hours. She sought medical attention for dermal symptoms and numbness on her arms.	1	ORTHO ROSE & FLOWER INSECT & DISEASE CONTROL CONCENTRATE (008033-00108)	Acetamiprid Triticonazole
150033	A 42-year-old female experienced oral and inhalation exposure to pesticides while driving on a public road. She reported that she saw the plane flying over a field of winter wheat while she was driving to school, but there was no time to roll-up windows of her car. She smelled the spray and tasted a chemical taste in her mouth. She immediately began coughing and drove to a friend's house to rinse out her mouth and gargle. Within 2 hours of exposure, she experienced upper respiratory and ear symptoms, then subsequently loss of voice. Voice and ear symptoms lasted for 2.5 weeks. This case was referred to WSDA and they found samples taken inside of her car, were positive for herbicide consistent with the aerial application.	1	T-SQUARE HERBICIDE (000352- 00611) Insist 90 (002935- 07001) 2,4-D LV 6 (042750- 00020)	Acetic acid, (2,4- dichlorophenoxy)-, 2- ethylhexyl ester Thifensulfuron methyl Tribenuron-methyl
150034	A 32-year-old woman was at work thinning flowers from apple trees as an airblast application of insecticide passed about 3 rows away from her within the same orchard. She reports that she	1	ASSAIL 70 WP INSECTICIDE	Acetamiprid

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	smelled the spray and breathed it as she continued to work her regular shift. She wore no respiratory or ocular PPE. She reports experiencing immediate onset of upper respiratory and ocular irritation, and then headache that she believes were caused by the spray. She reported the exposure to her supervisor 2 days later and sought medical care at a clinic 1 day after that. Patient is a Spanish-speaker and medical notes from that visit did not reflect that an occupational or chemical exposure assessment was attempted. She was prescribed antibiotic and anti-inflammatory medications. She was seen again, 3 days later at a hospital ED, for unimproved symptoms. Physicians at that visit, considered it more likely than not that exposure to pesticides at work contributed to her symptoms. Symptoms had improved but not fully resolved on follow-up medical visit 16 days post-exposure.		(008033-00023)	
150037	A 29-year-old woman was at work in a grape vineyard while an airblast spray application took place in an alfalfa field across the road about 50 yards from where she stood. She moved to get out of the line of the spray as it went by but as she did she felt moisture on her face and smelled the spray. She experienced immediate onset of tingling skin on her face and lips, and subsequent gastrointestinal, dermal, upper-respiratory and neurological symptoms. She sought health care that afternoon and was seen on follow-up visit for continuing symptoms twice. Physician required five days off work and advised her to wear PPE face shield and eye protection (though she is not an applicator.) Washington State Department of Labor and Industries (L&I) and WSDA investigated.	1	POAST (007969-00058) BUTYRAC 200 BROADLEAF HERBICIDE (042750-00038)	Dimethylamine 4-(2,4-dichlorophenoxy)butyrate Sethoxydim
150038	A 42-year-old male farm worker was planting small apple trees in an orchard when he smelled a rotten-egg odor and saw an air-blaster spraying what he estimated to be 75-100 feet from where he worked. He developed upper respiratory and gastrointestinal symptoms, but continued to work for four hours more. He tried to cover his face with handkerchief and still could smell the product. He sought medical care that evening. He asked management for the name of the product and was not provided with one. The incident was referred to L&I who investigated and found the employer not in compliance with Hazard Communication Standards.	1	LIME-SULFUR SOLUTION (061842-00030)	Calcium polysulfide
150040	A 62-year-old male custodian and his co-worker were cleaning an area in a fruit packaging facility. The co-worker accidentally sprayed bleach onto his face while cleaning brushes. He immediately reported burning sensation in his eyes and lungs and developed neurological symptoms. He sought medical care at a local hospital ED where he was diagnosed and treated. He stabilized and his co-worker drove him home upon release.	1	BLEACH (SODIUM HYPOCHLORITE 12.5% BY WEIGHT) CLEANER- DEODORIZER (034910-00001)	Sodium hypochlorite
150041	An adult female retail store cashier was accidentally sprayed in her face, right eye, and shoulder by a toddler in her checkout line after the toddler discharged an insecticide spray. The employee developed dermal and ocular symptoms following the exposure. She irrigated her eye at her workplace's eye wash station and sought medical care the same day. She was diagnosed with corneal abrasion.	1	CHEMSICO AEROSOL INSECTICIDE EL-A (009688-00187)	Prallethrin lambda-Cyhalothrin Prallethrin lambda-Cyhalothrin
150042	The babysitter of a 14-month-old male heard him scream and found him with an insecticide container and product from the container on and around him. The babysitter washed him off in the bathtub and contacted his mother, who took him to the ED. The toddler developed respiratory,	1	BETA-CYFLUTHRIN 0.05% ANT & ROACH KILLER	beta-cyfluthrin

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	gastrointestinal, dermal, and cardiac symptoms and was transferred to a pediatric emergency room because of persistent respiratory difficulty, hypoxia, and worsening rash. He was diagnosed with chemical exposure and contact dermatitis.		PUMP SPRAY (072155-00027)	
150043	A 36-year-old male pesticide applicator poured a bag of granular insecticide into an air-blast tank. He said that it was windy that morning and that the acetamiprid dust may have gotten into his right eye. The next morning his eye bothered him and he continued to have ocular symptoms until a week later when he sought medical attention at a clinic. The pesticide he mixed can cause ocular symptoms. He wore sunglasses to mix the product, which may not have been sufficient to protect his eyes. The labels of this insecticide do not require the use of eye protection but do say to avoid contact with eyes, skin or clothing.	1	None	Acetamiprid
150046	A 44-year-old female accidentally drank a small quantity of diluted Lorsban (chlorpyrifos) from a cup. Within an hour, she developed gastrointestinal, neurological, cardiac, and respiratory symptoms. She sought health care the same day and was admitted overnight for observation. She felt back to normal the following day.	1	None	Chlorpyrifos
150047	A 49-year-old male pesticide applicator developed neurological and gastrointestinal symptoms while spraying a plant growth regulator, a fungicide and 2 insecticides to an apple orchard. For most of the day, he wore PPE to apply the tank mixture by air-blast sprayer. However, he removed his PPE to fuel his tractor and forgot to put his headgear back on. He sprayed without his headgear and felt the mist on his head. He developed symptoms within two hours after feeling that mist.	1	LUNA SENSATION (000264-01090) INTREPID 2F AGRICULTURAL INSECTICIDE (000707-00277) SEVIN 4F (008590- 00419) ETHEPHON (066222-00136)	Carbaryl Fluopyram Ethephon Methoxyfenozide Trifloxystrobin
150048	An unlabeled container containing carbaryl was being stored in a refrigerator of a private residence. Early morning, a 60-year-old female in the home prepared coffee and poured approximately 6 ounces from the container in her coffee without noticing that it contained the insecticide. She tasted sourness in her coffee and fifteen minutes later started having gastrointestinal and neurological symptoms. She initially did not want to seek medical attention and waited 6 hours until she went to the ED. She was admitted to the hospital and discharged the next day after her condition stabilized.	1	None	Carbaryl
150049	One 34-year-old female who is on the WSDA's pesticide sensitive list, and her 6-year-old daughter developed gastrointestinal and neurological symptoms after an application by low-boom sprayer pulled by a tractor, to a city park located next to their home. Another female resident, age 51, whose home is 30 feet from the park, also reports developing gastrointestinal and neurological symptoms 1 hour after the application. All of them smelled vapors from the application. WSDA investigation found that three out of nine environmental samples taken from both homes tested positive for 2, 4-D residues.	3	ESCALADE2 HERBICIDE (000228- 00442)	Dicamba Dimethylamine 2,4- dichlorophenoxyacetate Fluroxypyr 1- methylheptyl ester
150051	A 42-year-old male apple pesticide applicator sprayed an orchard by air-blast sprayer under windy	1	LUNA SENSATION	Fluopyram

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	conditions. He felt some of the spray was getting between his long sleeve shirt and chemical protective suit while he was spraying. After spraying for about 10 hours, he noticed a rash on his arms. He sought medical treatment 2 days later. His employer provided DOH with spray records listing 2 insecticides and a fungicide.		(000264-01090) DUPONT ALTACOR INSECT CONTROL (000352-00730) ASSAIL 70WP INSECTICIDE (008033-00023)	1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- Acetamiprid Trifloxystrobin
150052	A 32-year-old male farm worker had been applying pesticides to apples and developed an itchy rash after removing his protective clothing. Pesticides got onto his face and arms as he removed his suit. He went home immediately and showered. He went to the ER for care that evening. He was employed by a federally recognized Indian tribe.	1	IMIDAN 70-WP AGRICULTURAL INSECTICIDE (010163-00169) RIMON 0.83 EC (066222-00035)	Phosmet Novaluron
150053	A 54-year-old male sprayed his fruit trees with a multi-function pesticide containing organophosphate, carbaryl, and petroleum distillates for an hour. He wasn't wearing PPE and wind blew product onto him and into mouth as he sprayed taller trees. He developed gastrointestinal symptoms and dizziness about 8 hours later and sought medical care.	1	GORDON'S LIQUID FRUIT TREE SPRAY (000004-00122)	Carbaryl Malathion Captan
150054	Two male farm workers ages 24 and 50 developed dermal and neurological symptoms after exposure to pesticide drift from an air-blast application. A neighboring orchard was spraying a tank mix with two insecticides and a fungicide as they were working with trellising poles. They saw the plum of spray move toward them. One of the workers was closer to the neighboring orchard and the other was about 150 feet away from him. Both report that they felt the mist and breathed the spray. They washed and decontaminated 10 minutes later. They sought medical treatment the same day. WSDA samples of the foliage were positive for pesticide residues. A flagger driving through the area, reports that he saw one of the workers trying to stop the application.	2	ULTOR (000264-01065) DUPONT FONTELIS FUNGICIDE (000352-00834) OMNI SUPREME SPRAY (005905-00368)	Mineral oil - includes paraffin oil from 063503 Aliphatic petroleum solvent Penthiopyrad Spirotetramat
150055	A 44-year-old male city utility worker's arms and face were exposed for about an hour to herbicides that another city worker was applying nearby with a hand-sprayer to brush along a roadside. The utility worker was not wearing respiratory or eye protection at the time and smelled the spray. He developed cardiac, neurological, respiratory, dermal, and gastrointestinal symptoms following the incident. Emergency Medical Services personnel responded and transported him to an Emergency Room for further evaluation. He felt better upon discharge from the ER. He sought health care at least two more times in the subsequent two weeks.	1	CORNERSTONE PLUS (001381-00192) CROSSBOW (062719-00260)	Butoxyethyl 2,4-dichlorophenoxyacetate Glyphosate-isopropylammonium Butoxyethyl triclopyr
150056	Thirty people were thinning grapevines throughout a vineyard when a ground rig began spraying a fungicide mixed with a sulfur-containing phosphoric acid adjuvant nearby. Twelve of the thirty workers were interviewed. Workers reported that the rig was spraying less than 200 feet away and five of the workers interviewed smelled the chemicals and developed neurological and gastrointestinal symptoms. A 42-year-old female developed dizziness, vomiting and fainted on the field before 10am. Workers were told to move to an area further away from the spray rig before	5	VIVANDO FUNGICIDE (007969-00284)	METRAFENONE Phosphoric acid Zinc sulfate

	first responders arrived. A 28-year-old female began vomiting and had other symptoms. A 39-year-old male reported upper respiratory and gastrointestinal symptoms. Three workers sought medical attention. Labor and Industries conducted a partial inspection one month after the incident. No penalty was assessed.			
150057	A 34-year-old male pesticide applicator was mixing with a bio-insecticide, mineral oil miticide and 2 fertilizers in a tank-mix to be sprayed on pear trees with an air-blast sprayer. He was re-loading the tank sprayer with the mineral oil when the oil ricocheted spraying both of his eyes with what was already in the tank plus the oil. He wore safety glasses, but the liquid went-up the bottoms of the safety glasses into his eyes. He immediately washed his eyes for only 5 minutes and developed symptoms hours later. He sought medical attention a day after the incident.	1	SUPREME OIL (002935-00405) CYD-X (070051-00044)	Mineral oil - includes paraffin oil from 063503 Codling moth granulosis virus
150058	While at a job site cleaning out a hose that had contained a Restricted-Use pyrethroid insecticide and petroleum distillates, a 46-year-old male employee got some of it on his hand, then touched his face and eyes. Shortly afterwards, his face and eyes began to burn. He went to the ED where he was diagnosed with chemical burns. Multiple attempts to interview the patient were unsuccessful, so no other details about the incident are available.	1	UPI-2005 EXP-06 RUP INSECTICIDE (070506-00121)	lambda-Cyhalothrin
150060	An 18-year-old male developed fatigue, respiratory, and neurological symptoms after receiving back spray from a weed and grass killing product he had been applying for about a half hour. He felt some of the product on his chin and lips. He was wearing a respirator, but only for part of the time he was spraying. He sought medical attention two days after the exposure. No other details about the incident are available since an interview with the patient was not possible.	1	SPECTRACIDE WEED & GRASS KILLER (009688-00208)	Dicamba, dimethylamine salt Diquat dibromide Fluazifop-P-butyl
150061	A 72-year-old male who already had a cold sprayed insecticide concentrate to his orchard for about 3.5 hours. He didn't wear any PPE including required eye protection. He felt mist and smelled the insecticide when the wind turned. He developed a sore throat and neurological symptoms following exposure. He sought medical attention.	1	None	Malathion
150063	A 40-year-old male developed respiratory symptoms and dizziness after using a bed bug spray for multiple days in home and on furniture. He got some on clothes and didn't change clothes one day. He sought medical care. Other family members stayed elsewhere during treatment.	1	HOT SHOT BEDBUG & FLEA HOME INSECT KILLER2 (009688-00297)	lambda-Cyhalothrin
150064	A 2-year-old male toddler may have indirectly exposed himself to a weed-killer containing glyphosate after playing in the yard and handling pine cones, then touching his ears and face. The yard had been treated with the product less than an hour earlier. That evening, the toddler developed redness on his arm, and redness and swelling on his ears and face. His symptoms resolved in 1-2 days. No health care was sought.	1	ACE READY-TO-USE WEED & GRASS KILLER 2 (067760-00047)	Glyphosate- isopropylammonium
150067	A 30-year old female apple orchard worker was asked to tie-up pheromone strips on the branches of an apple orchard. Four hours later she sought medical attention at an ED after she developed ocular symptoms. The strips are used to disrupt the mating of caterpillars in the orchard. She had been placing pheromone strips for about one week having no ocular symptoms. Her employee had previously offered cloth and impermeable gloves for the employees to wear them while handling the strips. The day of the incident, the employer did not offer gloves, she said. She scratched her	1	ISOMATE OBLR/PLR PLUS (053575-00024)	(Z)-11-Tetradecenyl acetate

	eyes with her bare hands after handling the strips. She sought medical attention 4 hours later. She MSDS of the product suggest the use of impermeable gloves to handle the product. She did not use gloves the day she developed symptoms.			
150068	A previously healthy 23-month-old male was at his grandparent's house during the evening and while parents were driving him and his older sister home, he began to have odd full body movements described as back arching, jaw clenching, eyes rolled back "flailing of his extremities" lasting < 30 seconds, but repetitive. He was taken to a local hospital ED and Poison Control was contacted. Parents notified hospital staff that two-weeks earlier, a relative committed suicide by ingesting strychnine and cyanide at same room of grandparent's home where the toddler had played that evening. He was transported by ambulance to the regional children's hospital and admitted. Attending physicians believed that strychnine exposure was more likely than not the causal factor of his illness. Toddler was observed seizing in hospital, and medical record notes diarrhea had been present 2 days before seizure episode and continued in hospital - dehydrated. His condition improved and he was released 2 days after symptom onset.	1	None	Strychnine
150069	A 34-year-old male developed a number of moderate ocular symptoms while he sprayed an apple orchard with a biological insecticide and a fertilizer. He was pulling an air-blast sprayer with a tractor. While spraying, the wind picked-up and he was hit with the spray. It happened just 15 minutes after he started to spray; and 10 minutes later had to stop spraying because of his symptoms. He washed with saline solution and sought medical treatment 3 hours later. He was discharged the same day. The pesticide he sprayed did not require the use of eye protection as its not considered corrosive. The MSDS indicated it may cause allergic skin reactions in some individuals.	1	Deliver/CoStar WG (070051-00069)	Bacillus thuringiensis subsp. kurstaki Bacillus thuringiensis subspecies kurstaki strain SA-12 solidos, spores, and insecticidal toxins, ATCC # SD - 1323
150070	A 44-year-old farm worker developed respiratory symptoms and dizziness after preparing irrigation equipment for watering. He was tasked with entering areas with signage prohibiting entry. He was not provided PPE. He went to the clinic 11 days later. According to the employer he stopped working there after the injury. DOSH did not investigate the referral.	1	BONZI (010182-00092) SUMAGIC PLANT GROWTH REGULATOR (059639-00037) DAZIDE 85 WSG (062097-00017) CONFIGURE (062097-00019)	Daminozide Benzyladenine Paclobutrazol Uniconazole
150072	While cleaning a small plot boom sprayer, a 55-year-old male University regional forage specialist was accidentally sprayed with an herbicide containing 2,4-D after a gust of wind blew some of it back into his face. The employee experienced ocular symptoms and facial burning following the incident. He sought medical attention the following day where he was diagnosed with chemical conjunctivitis. He was not wearing the required goggles or face shield.	1	HM-2010 (005905-00542)	2-4,D 2,4-D, alkanolamine salt
150073	A 47-year-old male farm worker was applying a tank mix of one insecticide, a fungicide and a number of fertilizers to a cherry orchard. He did not wear chemical-resistant gloves as the labels of	1	PROCURE 480SC (000400-00518)	Triflumizole Imidacloprid

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	both pesticides require. He developed dermal symptoms in both hands and 3 days later sought medical attention at a local emergency room. The employer provided the names of product he worked with. He sought medical treatment once.		MONTANA 4F INSECTICIDE (083100-00021)	
150076	While spraying weeds in her driveway, a 55-year-old female was sprayed in her left eye after the hose suddenly disconnected while under pressure. Immediately following the exposure, she developed numerous ocular symptoms that resolved after two days. She sought health care the same day where she was diagnosed with corneal abrasion and chemical conjunctivitis. She was not wearing any eye protection and had not read the product label before using the product.	1	None	Glyphosate
150077	A 40-year old male farm worker fixing the irrigation lines of an orchard developed painful irritation in his right eye after he was hit with irrigation water. He was informed the farm's irrigation pond was treated with a pesticide. He sought medical attention the same day and was seen for follow-up 8 days later as his symptoms continued. DOH referred the case to the L&I for investigation, as the employer did not inform the worker or the medical facility of the product utilized on the pond. No pesticide records were developed for the application. The employer treated the pond with copper sulfate.	1	COPPER SULFATE CRYSTALS (056576- 00001)	Copper sulfate pentahydrate
150078	A 35-year-old male maintenance worker unknowingly entered an apartment that had recently been treated with seven different insecticide products. After treating the apartment, the applicator mistakenly hung a warning sign with an incorrect re-entry date. Upon entering the apartment, the maintenance worker noticed a strong odor, opened the windows, and then left within 5 minutes. He re-entered shortly afterwards for another hour. Except for a bandanna over his mouth, he was not wearing any personal protective equipment while in the apartment. Shortly afterwards, he developed respiratory, neurological, and gastrointestinal symptoms that lasted from a day to a week. He sought health care the following day.	1	MAXFORCE ROACH BAIT F.05 (000432- 01257) ZOECON (S)- HYDROPRENE ROACH CONTROL STATION II (002724- 00469)	(7S)-Hydroprene Fipronil Dinotefuran Piperonyl butoxide Indoxacarb Pyrethrins Esfenvalerate Fipronil
150080	A 29-year-old male farm worker was sprayed with pesticides by a co-worker in an apple orchard. Both were driving tractors, the worker sprayed had stopped to pick up branches and tree stumps, and didn't hear the other tractor approach and it sprayed him as it passed by. He developed eye and skin irritant symptoms and chest tightness. He sought medical attention.	1	APOGEE PLANT GROWTH REGULATOR (007969-00188)	Prohexadione calcium
150083	A 6-year-old boy inadvertently touched roach gel as he went to wash hands. He then rubbed his eyes. Both eyes were red and swelling immediately. His Mom saw the gel smeared where he'd touched it. He was taken to the ER.	1	COMBAT QUICK KILL ROACH KILLING GEL (064240-00045)	Fipronil
150086	A 48-year-old female custodian at a high school developed eye pain and congestion after spraying for ants in a classroom with peppermint oil diluted in water. She consulted her healthcare provider. Following the incident, the school stopped using this method for ant control. Maintenance management also consulted WSDA and learned that schools should use only EPA registered pesticides to ensure safety.	1	None	Oil of peppermint
150087	A 23-year-old male was spraying an apple orchard with a tank mix of a plant growth regulator and a fungicide with an air-blast sprayer when the wind picked-up the spray and hit his right eye. He developed ocular symptoms immediately; however, sought medical attention 4 days later. Both pesticides are considered irritating to the eyes.	1	PRISTINE (001839- 00167) APOGEE PLANT GROWTH	Alkyl* dimethyl benzyl ammonium chloride *(50%C14, 40%C12, 10%C16)

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			REGULATOR (007969-00188)	Didecyl dimethyl ammonium chloride Octyl decyl dimethyl ammonium chloride Dioctyl dimethyl ammonium chloride Prohexadione calcium
150089	A 30-year-old male pesticide applicator in an apple farm developed a number of neurological and dermal symptoms after spraying a tank mix that included an organophosphate insecticide and two fungicides. The applicator was wearing more than the required PPE, as he wore a chemical resistant suit over his pants and long-sleeve shirt. He was pouring the Diazinon dust into the spray tank when the dust picked-up and he felt his clothes were exposed to the product. He sprayed one tank mix and went home. At his home he reported some neural and neurological symptoms. He sought medical treatment 4 hours later. He was examined and discharged 2 hours after the examination.	1	DUPONT FONTELIS FUNGICIDE (000352-00834) DIAZINON 50W (066222-00010) FIRELINE 17 WP FUNGICIDE/BACTERICIDE AGRICULTURAL OXYTETRACYCLINE (080990-00001)	Oxytetracycline hydrochloride Diazinon Penthiopyrad
150090	A 29-year-old male landscaper had reloaded a backpack sprayer when the hose moved and herbicide ran down his back. He worked in same clothing 2 more hours before decontaminating.	1	TOTALKILL(BRAND) PRO WEED & GRASS KILLER HERBICIDE (000524-00517) SPEED ZONE BROADLEAF HERBICIDE (002217-00833)	Dicamba Acetic acid, (2,4-dichlorophenoxy)-, 2-ethylhexyl ester Glyphosate-isopropylammonium Carfentrazone-ethyl Mecoprop-P
150091	While at home, a 1-year-old male toddler may have ingested a small quantity of liquid ant bait containing borax. His mother didn't observe it, but noticed afterwards that some of the contents of the bottle were missing. He vomited once at home and his mother noticed that he was very pale with some greenish appearance to his lower extremities. He was taken to the ED the same day where he vomited again. Multiple attempts to obtain an interview with the parents were unsuccessful, so no other details of the incident are available.	1	TERRO ANT KILLER II (000149-00008)	Borax (B4Na2O7.10H2O) (1303-96-4)
150092	Twelve people employed by a labor contractor to weed an organic carrot field arrived at their worksite to begin work when pesticides were applied aurally to a potato circle adjacent to their worksite. Records indicate that the early morning application to two potato circles adjacent to the carrot field lasted over an hour. The pilot notified the manager of the carrot field before the application but the manager failed to notify the labor contractor. The workers noted a strong odor as the plane sprayed. Three females ages 35- 58 and five males ages 25-60 reported respiratory and neurological symptoms. The crew leader reportedly had no Worker Protection Standard	7	DUPONT ASANA XL INSECTICIDE (000352-00515) MANZATE PRO-STICK FUNGICIDE (070506-00234)	Mancozeb Esfenvalerate

	training and recalled passing DANGER signs at the potato circle on the way to the worksite. The crew leader contacted the labor company's supervisory staff in California for direction and reports that they said to wait. After waiting over ½ hour, the crew moved a short distance to another field. Most of the workers left and did not resume work that day. Four workers sought medical care. WSDA samples for pesticide drift to clothing and vehicles were positive.			
150093	A 72-year-old female was activating a fogger in her apartment when it sprayed in her face. She developed eye and upper respiratory irritation. She was seen by paramedics.	1	RAID FOGGER K (004822-00452)	Cypermethrin
150095	30-year-old male home owner sprayed a tank-mix of 2 herbicides with a hand-pump sprayer to his yard. He took a break to eat and did not wash his hands. He developed gastrointestinal symptoms right after he ate. He sought medical treatment 8 hours later and was discharged after examination. One of the herbicides has been known to cause gastrointestinal symptoms after dermal contact or ingestion of small quantities.	1	None	2, 4-D, Choline salt Glyphosate
150096	A 13-year-old female child developed facial dermal and neurological symptoms immediately after kissing her dog on the head. The dog had just been treated with an unspecified Hartz flea medication product. She sought medical attention the following day. Her symptoms lasted about four days.	1	None	-Pyrethrins and Pyrethroids, manufg. residues unspecified Hartz Ultraguard flea medica
150099	A 30-year-old male sprayed malathion on apple trees and spilled an undermined amount on his hands and in his boots. He developed inflammation and itching on his hands the same day. He did not wash his boots and a week later he wore them without any socks. He developed dermal symptoms on his feet. He did not seek medical treatment.	1	None	Malathion
150100	A 41-year-old female was sprayed with herbicide when the bottle's nozzle squirted in all directions. Herbicide got on her legs, and she reported wiping mouth with gloved hands. She noted an odor and mist as she sprayed the herbicide for one-half hour. She developed throat irritation and gastrointestinal symptoms the next day.	1	NS HERBICIDE READY-TO-USE C (072155-00103)	Diquat dibromide 1,3,5-Triazine-2,4- diamine, N2-[(1R, 2S)- 2,3-dihydro-2,6- dimethyl-1H-inden-1-yl]- 6-[(1R)-1-fluoroethyl]- Glyphosate- isopropylammonium
150101	An oats famer decided to treat 23 acres of oats with a product containing a chlorinated phenoxyacid and an organochloride herbicide in formulation. The application was made with a ground sprayer neighboring to 2 properties located just approximately at 100 feet away from the field. A female age 59 and a male age 60 residents of both properties smelled the product and developed a number of respiratory symptoms approximately 12 hours after the application. They sought medical 7 and 8 days respectively art different health care facilities. They were both discharged the same day and we not give follow up appointments. The product is a restricted use pesticide (RUP). WSDA determined there were no visual signs of drift to the neighboring properties. However, the applicator mixed more than the permitted limit volume per tank load for this restricted use pesticide (RUP).	2	NUFARM KAMBA MASTER HERBICIDE (071368-00034)	Dicamba Dimethylamine 2,4- dichlorophenoxyacetate

150102	A 19-year-old male worked with two herbicides in a tank mix at his parents' home. The spray hose on a pump-sprayer dislodged and sprayed his face with the products. He felt the spray in his lips and might have ingested some of it. He immediately went inside his home washed his mouth with water and took a shower. He also brushed his teeth. He drank some orange juice and his stomach burned. He later developed gastrointestinal irritation and some neurological symptoms. He did not seek medical attention and did not miss any days from his work. His father gave home products that are used in commercial herbicide applications. He is not a licensed applicator.	1	GOAL 2XL HERBICIDE (062719-00424)	Oxyfluorfen Bromoxynil
150104	A 2-year-old male was taken to the hospital for possible ingestion of iron-based slug bait. Caregiver was distracted for one-half hour and noticed sleepy, fussy behavior shortly after. Child vomited once after dinner, 4 hours after possible exposure. A 4-hour iron level drawn at the hospital was not elevated and the child had no continued symptoms.	1	SLUGGO (067702-00003)	Phosphoric acid, iron(3+) salt (1:1)
150107	A 58-year-old female apple thinner developed a number of respiratory, gastrointestinal and dermal symptoms while she thinned apple trees at a farm. She complained the trees were too dusty and she breathed the dust from the trees. She sought medical treatment 2 days after she developed symptoms. She mentioned the trees were sprayed a day before she thinned. Spray records provided by her employer indicated the trees were sprayed with a plant growth regulator 5 days before she was exposed; and seven days earlier the same orchard was sprayed with an insecticide. The insecticide contained the active ingredient Novarulon and her symptoms are consistent with an exposure-health effect relationship based on the known toxicity of Novarulon. Even though both pesticides have a 12 hour Restricted Entry Interval (REI), the half-life of Novarulon has been determined to be longer in soils.	1	DUPONT ALTACOR INSECT CONTROL (000352-00730) APOGEE PLANT GROWTH REGULATOR (007969-00188) RIMON 0.83EC (066222-00035)	1H-Pyrazole-5- carboxamide, 3-bromo- N-[4-chloro-2-methyl-6- [(methylamino)carbonyl] phenyl]-1-(3-chloro-2- pyridinyl)- Prohexadione calcium Novaluron
150108	A 43-year-old unlicensed male pesticide applicator developed an itchy rash on his hand, arm and neck. He wore long sleeves and didn't have history of prior reaction. He sought medical care.	1	DUPONT ALTACOR INSECT CONTROL (000352-00730) PROCURE 480SC (000400-00518) MICRO SULF MICRONIZED WETTABLE SULFUR (055146-00075)	Sulfur 1H-Pyrazole-5- carboxamide, 3-bromo- N-[4-chloro-2-methyl-6- [(methylamino)carbonyl] phenyl]-1-(3-chloro-2- pyridinyl)- Triflumizole
150109	A male and female, both 23-years-old, took turns spraying a flea spray aerosol, while one moved furniture the other sprayed. The female developed dizziness. The male was exposed 5-10 minutes longer in the sprayed home and had also sprayed the exterior of his leather boots. Approximately 2 hours later, he developed neurological health effects and approximately 5 hours after application, his feet started itching and burning. The boots stayed on for over 12 hours. The product had soaked through the leather boots. He sought medical attention for the first degree skin burns.	1	ENFORCER FLEA SPRAY FOR HOMES (040849-00053)	Permethrin, mixed cis,trans Pyriproxyfen
150112	A 44-year-old male farm worker was spraying a cherry orchard with insecticide and fungicide. He wore facial protection including head cover, but developed burning on neck and face after spraying	1	WARRIOR II WITH ZEON TECHNOLOGY	Gibberellic acid lambda-Cyhalothrin

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	for several hours. He informed his employer and showered for 20 minutes. He sought medical attention at his employer's recommendation.		(000100-01295) FALGRO-4L (062097-00002)	
150113	A 4-year-old female developed eye pain and irritation when lice shampoo got in her eyes. She went to the emergency room. There was no abrasion or burn.	1	None	Piperonyl butoxide Pyrethrum
150114	A 58-year-old male pesticide applicator developed an allergic dermal reaction after spraying 2 fungicides and an insecticide in a tank mix. The tank mix also includes a foliar fertilizer. The application was conducted to a cherry tree orchard with an air-blaster. The applicator was wearing the required PPE and did not report a specific exposure while spraying. He noticed welts on his extremities and then they moved all over his body. One of the products in the formulation is capable of producing allergic dermal reactions. The applicator had been spraying to 12 years and never experience such symptoms in the past. He alleged the fertilizer caused his symptoms. He followed decontamination procedures after the application and still developed symptoms.	1	NUPRID 2SC SOIL/FOLIAR INSECTICIDE (000228-00572) PROCURE 480SC (000400-00518)	Triflumizole Imidacloprid Fosetyl-Al
150116	A 50-year-old male cleaned equipment in a chicken processing facility and was splashed in the eyes as he put it through a disinfectant solution. His eyes became very irritated that evening and he sought medical attention the next day.	1	None	Sodium hypochlorite
150117	A 34-year old male apple tree pruner developed a number of respiratory symptoms after he had been exposed numerous times at an apple orchard. He would not feel the spray but would see the mist moving toward him and breathe the spray. He sought medical treatment after he could not breathe at night and was transported to the ED via ambulance and hospitalized overnight. His employer provided spray records for the days when the alleged exposure took place. The employer sprayed the orchard with an air-blast application of a tank-mix containing an insecticide; a fungicide and a plant growth regulator were with a fertilizer and adjuvant. After review of the information provided by the employer and a video of a previous exposure by the worker, it was determine that his symptoms were probably the result of this last drift exposure. This case was referred to L&I DOSH for inspection.	1	PROCURE 480SC (000400-00518) NOVAGIB 10L (062097-00007) DELEGATE WG INSECTICIDE (062719-00541)	XDE - 175-J XDE - 175-L Gibberellin A4 mixt. with Gibberellin A7 Triflumizole Propylene glycol
150118	A 36-year-old male hotel housecleaner developed dizziness and gradual onset headache when he sprayed surfaces and cleaned the carpet with a corrosive quaternary ammonium compound. It was the first time he'd worked with the product, which was diluted in a spray bottle. The employer provided gloves only. In addition to gloves, the label requires protective eyewear and clothing. He went to the emergency room.	1	14 ANTIBACTERIAL ALL PURPOSE CLEANER (006836- 00078)	Alkyl* dimethyl benzyl ammonium chloride Didecyl dimethyl ammonium chloride Octyl decyl dimethyl ammonium chloride Dioctyl dimethyl ammonium chloride
150119	A 21-year-old male apprentice pesticide applicator training with family had loaded insecticide and herbicide for potato chemigation and removed PPE after finishing the job. Before he left, the pump stopped working and when he inspected, he got sprayed in the eyes.	1	BRAVO 720 (050534-00188) RIMON 0.83 EC (066222-00035)	Chlorothalonil Novaluron
150120	Four residents of a small town developed a number of respiratory, ocular and neurological	4	LORSBAN-4E	Chlorpyrifos

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	symptoms after an aerial licensed pesticide applicator sprayed a field with an insecticide and a fungicide. During the application the pilot noted that the wind conditions were stale and decided to stop the application. Two females ages 60 and 77; and 2 males ages 36 and 56 smelled the spray. One female sought medical attention one week later and a 36-year-old male complained of persistent respiratory symptoms after the exposure. WSDA investigated this incident and collected samples 3 days after the application. All foliar samples tested positive for the active ingredients of the insecticide and fungicide at 4 different locations away from the application area up to a distance of 635 feet way from the field. The labels of both products require the applications not to be conducted during temperature inversion or stable atmospheric condition. There was very little wind during the application.		(062719-00220) SHAR-GUARD (083529-00022)	ropiconazole
150121	A 32-year-old male water irrigation district electrician entered a warehouse to work on equipment when he noticed a smell; and developing respiratory and ocular symptoms. The irrigation district utilized acrolein for weed control in irrigation canals. According to the worker, the irrigation hose that was used for the application was not properly triple-rinsed. He contacted his supervisor to report he was possibly exposed to vapors from residues of acrolein. He left the room after 20 minutes. He continued to have symptoms and sought medical treatment 4 days later. He was discharged the same day. DOH informed the irrigation district of the importance of decontaminating pesticide application equipment to prevent future exposures.	1	MAGNACIDE H HERBICIDE (010707- 00009)	Acrolein
150124	While in her house, a 41-year-old female smelled a sweet, chemical odor that lasted all night. The window in the room she was in at the time was open. She woke up the following morning with respiratory, neurological, and gastrointestinal symptoms that lasted about a day. She did not seek health care following this incident. An area farmer had recently applied a Restricted Use pyrethroid Pesticide to a blackberry field. Product residue was detected on a foliage sample collected by WSDA from a pasture at a property adjacent (east) of the patient's residence. Although no samples were collected on the patient's property, the properties were next to each other and the same distance from the blackberry field.	1	F9114 EC INSECTICIDE (000279-03426)	Zeta-Cypermethrin Zeta-Cypermethrin
150125	A 21-year-old asthmatic male used a small amount of outdoor wasp insecticide indoors for bed bugs. He immediately had difficulty breathing and dizziness. He went to the ED. The label is English only and the male does not speak English.	1	RWH 33 (004822- 00553)	Cypermethrin Prallethrin
150129	An aerial applicator flying a helicopter applied an insecticide to a cherry field adjacent to farm workers who were picking cherries for different employer. Four male cherry pickers ages 20 to 45 smelled the pesticide and reported some ocular and upper respiratory symptoms. Two of the farm workers developed only 1 symptom and the other 2 reported more than one. None of them sought medical treatment. Foliar samples collected by WSDA tested positive for residues of the active ingredient in areas the workers reported breathing the spray. WSDA determined that the aerial applicator was not licensed to conduct aerial pesticide applications.	2	FYFANON ULV AG (067760-00035)	Malathion
150130	A 22-year-old male farm worker/pesticide applicator spilled a corrosive and a carbamate product on his fingers while mixing the products at work, then rubbed his face. One hour later, he developed gastrointestinal, respiratory, dermal, and ocular symptoms. He sought medical attention	1	DUPONT LANNATE LV INSECTICIDE (000352-00384)	Methomyl Methomyl

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	the same day and was admitted overnight. Multiple attempts at contacting him were unsuccessful, so no other details about the incident are available.			
150132	An 8-year-old child with a history of eczema was sprayed in the face with mosquito repellent by another child. She developed facial swelling within 20 minutes. That evening, she developed an itchy rash on her underarm that spread to face, chest, abdomen, thighs. She went to the ER.	1	OFF! INSECT REPELLENT FORMULA V (004822-00167)	Deet
150133	A 32-year-old woman was using insecticide aerosol product to kill ants in her home. Insecticidal product was on a cloth and she shook the cloth causing the product to transfer to her right eye. She experienced immediate onset of ocular symptoms and rinsed her eye for several minutes, upon consult with WA Poison Center. She sought medical care at the local ED and was diagnosed with chemical conjunctivitis.	1	HOME DEFENSE MAX PERIMETER INSECT KILLER AEROSOL(1) (000239-02695)	Prallethrin Bifenthrin
150136	A 62-year-old male was exposed to mothball vapors in his apartment after placing two packs of them in his closet for moth control. He developed shortness of breath and lightheadedness for about a day afterwards. He sought health care the following day, where he was admitted to the hospital for two days for other serious medical conditions unrelated to mothball exposure.	1	MOTHBALLS (005231-00001)	None
150137	A 38-year-old female animal hospital worker was sprayed in the face, arms, legs, and chest with an herbicide containing glyphosate after the pump sprayer she was using outside on weeds malfunctioned. She was wearing safety glasses and rubber gloves at the time, but no other personal protective equipment. She developed ocular and dermal symptoms shortly afterwards. She sought medical attention the same day.	1	None	Glyphosate Unspecified Herbicide
150138	A 25-year-old quality control tech at a farm was testing a spray bar in a cherry packing warehouse when antimicrobial pesticide misted through gaps in her face shield into her eyes. The spray bar is close to a blower. Though she had the required face shield, she didn't wear the required goggles or safety glasses beneath it. She went to the ED after rinsing her burning eyes for an hour.	1	BIOSIDE HS 15% (063838-00002)	Hydrogen peroxide Peroxyacetic acid
150139	A 25-year-old female farm worker was harvesting cherries with other workers when she noticed an odor from an airblast application to an adjacent organic apple orchard. She initially developed respiratory symptoms and later gastrointestinal symptoms. She sought medical care two days later with continuing symptoms.		None	Fish oil (Chemical ID 122401) botanical
150140	A 48-year-old male applicator was mixing and applying a fungicide to a hop field. He finished mixing the product and as he closed the lid of the tank, a drop of liquid from the tank hit his left eye directly. He immediately developed eye irritation and continued to have symptoms until 3 days later when he sought medical attention. He did not know the name of the product he mixed and alleged was not properly trained. He did not want DOH to refer the incident to any other agency due to the lack of training.	1	QUINTEC (062719-00375)	Quinoxyfen
150141	A 31-year-old male painter developed chemical burn when an older garden hose trigger leaked mildew down his arm while he was spraying soffits for mildew. There was no initial pain, but as the job was finished and raingear and gloves removed, skin damage was visible. He sought medical attention.	1	JOMAX HOUSE CLEANER AND MILDEW KILLER (069587-00001)	Sodium o-phenylphenate Sodium hypochlorite

150143	A 25-year-old male marijuana greenhouse worker developed a number of respiratory and gastrointestinal symptoms after he was accidentally sprayed with the insecticide azadirachtin. He was irrigating the plants when a spray applicator using a pump sprayer hit his face and mouth with the spray. The applicator was spraying the plant next to him. He did not wash immediately. He went home and washed 2 hours later. He sought medical attention 14 days later.	1	None	Azadirachtin
150144	Two female apple orchard farm workers ages 24 and 45 felt spray mist on their faces from an air-blast application conducted 25 feet away from them. They breathed the odor for approximately 20 minutes and developed gastrointestinal, respiratory and neurological symptoms. They were removed from the field 1 hour later and taken to the main office of the orchard. Their symptoms persisted and they were transported to the ED 4 hours after exposure. They did not decontaminate in the field or at the main office and were decontaminated after they arrived at the hospital. One of the products applied (pyridaben) was involved in a drift incident that involved 20 workers the previous year and the constellation of symptoms experienced by the workers were similar in both incidents. WA-DOH has provided case data for pyridaben involved cases to CDC-NIOSH.	2	SANMITE MITICIDE/INSECTICI DE (007969-00106) ONAGER 1E (010163-00277)	Hexythiazox Pyridaben
150146	Two adult male crop management company workers reported being exposed to spray drift from an aerial application of insecticide and fungicide to a potato field. The workers had been about a mile away during the application and returned closer to the treated area about 6 hours after application to retrieve their vehicle that was parked on a public road adjacent to the treated field. Both workers detected an odor and one reported sensing a chemical taste in his mouth and experiencing upper respiratory symptoms within 15 minutes of returning to the vehicle. The other worker was asymptomatic. Both workers were driven to an area hospital later that day as a precaution. WSDA investigated though no samples from inside or around the truck were collected.	1	ATHENA INSECTICIDE (000279-03356) HM-0413A (005905- 00580) EQUUS 720 SST (066222-00154)	Chlorothalonil Triclopyr Abamectin Bifenthrin
150147	A 34-year-old male farm worker was applying pesticides to a vineyard when the pressure rose from the tank. He turned around on the tractor to see what caused the noise and the hose burst. His eyes were exposed despite wearing goggles with side protection. He sought medical care.	1	GLY-4 HERBICIDE (042750-00060)	Glyphosate- isopropylammonium
150148	A 38-year-old male building painter decided to spray an aerosol insecticide to kill a wasp nest on a residential building he been working on. As he sprayed the wasp nest, the stream ricochet to his face and lips. He decontaminated immediately; still, 2 minutes later, he started to vomit. He sought medical attention the same day and was seen at an ED approximately 1 hour later. He still had symptoms while waiting to be examined. He took the insecticide bottle to the hospital to identify the product. He did not miss any other days from work, but still had some neurological symptoms a day later.	1	None	Prallethrin lambda-Cyhalothrin
150149	A 33-year-old female applied insecticide concentrate to her body and head, and sprayed self with another insecticide concentrate. As she rinsed in a bath after one-half hour in an infrared sauna, she developed gastrointestinal symptoms and muscle spasms. She went to the ED and her symptoms subsided. She was trying to treat a suspected bird mite infestation on her person.	1	ZAMZOWS LAST CALL BACTERIAL INSECT KILLER CONCENTRATE (000004-00471) SEVIN BRAND RP2 CARBARYL	Carbaryl Spinosad

			INSECTICIDE (000264-00334)	
150150	A 44-year-old female was monitoring pear trees for pests when she was suddenly sprayed in the face with fungicide by a worker in the neighboring orchard. She reported a burning sensation and nausea and was taken to the clinic.	1	CABRIO EG FUNGICIDE (007969-00187)	Pyraclostrobin
150152	A 32-year-old male dairy worker got hit with iodine solution disinfectant while milking the cows. Air from a fan located close to the worker pushed the iodine to his eyes causing irritation on both eyes. He washed immediately after the exposure at an eye wash. The employer did not provide eye protection to the worker to handle the iodine solution. He sought medical treatment six days later.	1	None	Iodine
150153	A 37-year-old female farmworker was tying apple trees with 4-6 other workers when she inhaled fungicide drift from an aerial application to potatoes adjacent to the apple orchard. The apple orchard employer was contacted and though he did not want to file a complaint with WSDA, he provided contact information to DOH to pursue application records. The injured worker could not be contacted for interview. Medical records indicate that she obtained care for gastrointestinal symptoms and wheezing and that she commented that other workers on her crew also had gastrointestinal health effects.	1	None	Mancozeb Zinc sulfate
150154	A 43-year-old man reports that he and his wife were exposed to pesticide mist, when they passed a Department of Transportation (DOT) truck. The DOT was conducting a roadside spraying of weeds using a tank mix of three herbicides and three adjuvants. Windows of the car were open on a warm afternoon. The two vehicles were rounding a corner, traveling in opposite directions. The female, who was driving, reports smelling the chemical and experiencing a tingling sensation around the left side of her mouth. The male passenger says that he felt the spray on the left side of his face, neck and arms, and that he tasted a chemical taste in his mouth after the incident. He reports immediate onset of skin and eye irritation. About 15 minutes after the exposure, he felt his heart racing, and that during the 2 hours following this incident, he experienced upper respiratory symptoms. Additionally, he reports experiencing gastrointestinal pain and difficulty sleeping that evening. He reports having pre-existing conditions of ulcerative colitis, Graves' disease, asthma, and says that chronic symptoms of which were exacerbated by this exposure. WSDA samples were positive for 2, 4-D, one of the active ingredients in the mix, in the interior drivers-side door and by the road marker located on west side of 25-North.	1	WEEDMASTER HERBICIDE (055947- 00024) OPENSIGHT WG (062719-00617) ET 2% SC HERBICIDE/DEFOLIA NT (071711-00025)	XDE-750 Potassium salt Dicamba, dimethylamine salt Dimethylamine 2,4- dichlorophenoxyacetate Pyraflufen-ethyl Metsulfuron-methyl
150155	A 77-year-old male received herbicide spray on his face after a licensed pesticide applicator sprayed his neighbor's property. The patient was outside his house at the time and detected a chemical odor just after the spraying. About an hour later, he developed a sore throat and eye irritation that lasted about two days. He did not seek health care.	1	NUP 06237 HERBICIDE (000228- 00551)	Dicamba Triisopropanolamine 2,4- dichlorophenoxyacetate Dimethylamine (R)-2-(2- methyl-4- chlorophenoxy)propiona te
150156	A 52-year-old truck driver was sprayed in his face with an herbicide while pulling a hose off of a	1	ROUNDUP VM	Glyphosate-

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	meter in a containment field. He developed ocular symptoms in his left eye following the incident. He was not wearing the required eye protection at the time. He sought medical attention the same day and was diagnosed with chemical conjunctivitis and corneal abrasion. His symptoms lasted three days.		HERBICIDE (000524-00544)	isopropylammonium Glycine, N-(phosphonomethyl)-potassium salt
150157	A 44-year-old male farm worker parked his wheat loading truck in an area approximately a half-mile away from a wheat field that was being sprayed. The application was conducted with a 60 foot boom sprayer on a wheat field. According to the worker, he inhaled vapors from the application at least three times for half-hour each time, and developed dermal and upper respiratory irritation. He did not seek medical care for these symptoms and he reports that they improved after showering that day at his home. WSDA collected environmental samples that were positive for active ingredients in areas adjacent to the field but not where the truck had been parked.	1	AIM EC (000279-03241) GLYPHOSATE 41% PLUS (042750-00061) BASE CAMP AMINE 4 (071368-00001)	Dimethylamine 2,4-dichlorophenoxyacetate Glyphosate-isopropylammonium Carfentrazone-ethyl Aluminum sulfate Naphthalene
150158	A 5-year-old child with a history of hives was sprayed on his clothes by his older sibling with a product containing 40% DEET. About an hour later, he developed welts & rashes on his arms and chest that spread to his face the following day. Two days later, he developed swelling in his hands and feet. He was seen at least twice by a health care professional and was diagnosed with Urticaria.	1	CLASSIC SPORTSMEN (000305-00046)	Deet Deet
150160	A 40-year-old female farm worker in a field of small drafted apple trees developed respiratory and gastrointestinal symptoms after respiratory exposure from a tank mix of biological insecticides. She was working when a pesticide applicator spraying with an air-blaster passed approximately 100 feet away from her. She reported inhaling the spray and developing immediate symptoms. She sought medical care the same day at a local ED and was seen again at a clinic 6 days later. This case was referred to L&I for compliance inspection.	1	SUPREME OIL (002935-00405) CYD-X PLUS (070051-00112) DIPEL DF DRY FLOWABLE BIOLOGICAL INSECTICIDE (073049-00039)	Bacillus thuringiensis subsp. kurstaki Bacillus thuringiensis Subsp. Kurstaki, Strain ABTS-351 Mineral oil - includes paraffin oil from 063503 Codling moth granulosis virus
150164	While treating her 2-year-old daughter's hair for lice with a lice killing shampoo, some of the shampoo got in her daughter's eyes causing irritation and redness that lasted two days. She was taken to a doctor for observation and treatment the same day.	1	None	Piperonyl butoxide Permethrin, mixed cis,trans
150165	A 2-year-old boy with asthma reportedly sprayed himself with herbicide with germ killer. He was unsupervised and older sister told grandparents. He kept grabbing tongue and had red patches on face and lower extremities. His mouth and skin were rinsed well and clothes changed prior to healthcare provider visit.	1	ANT & ROACH KILLER PUMP SPRAY B (072155-00080)	Sodium o-phenylphenate beta-cyfluthrin
150166	While working underneath a helicopter at various logging sites, a 54-year-old male helicopter support crew employee for a helicopter company reported experiencing dermal, ocular, respiratory, neurological, and gastrointestinal symptoms after being exposed over a 2-week period to an herbicide mixture. The employee reported being exposed to the herbicides as they leaked from the helicopter boom's spray nozzles onto his head, ears, hands, and arms. He was not	1	NUFARM POLARIS SP HERBICIDE (000228-00536) ALLIGARE SFM EXTRA (081927-	Glyphosate-isopropylammonium Sulfometuron methyl Metsulfuron-methyl Imazapyr,

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	wearing all of the required personal protective equipment (PPE) at the time. Neither the helicopter pilot nor the on-site Department of Natural Resources Forester observed the leaks. He sought health care at two different health care facilities immediately following the 2-week exposure period. The WSDA investigated.		00005) GLYPHOSATE 5.4 (081927-00008)	isopropylamine salt Alcohols, C11-15- secondary, ethoxylated
150167	A 30-year-old male farm worker took pesticide from his employer and used it in a vegetable garden at his home. The pesticide was a federal Restricted Use Pesticide (RUP) that had been banned since 2013. He took what was left in a bag and diluted it in a back-pack sprayer. He wore a dust mask over his face. The pesticide label for this product required a respirator with an organic-vapor removing cartridge and a pre-filter. He sprayed for approximately half an hour, during which time he could smell the pesticide. He developed neurologic and gastrointestinal symptoms and sought medical care 3 days later. This incident was referred to WSDA.	1	GUTHION SOLUPAK 50% WETTABLE POWDER INSECTICIDE (066222-00162)	Azinphos-Methyl
150169	A 29-year-old male pesticide mixer in a potato farm developed dermal symptoms in his pelvic area after handling an insecticide without washing his hands afterward. He was not wearing the required gloves and did not decontaminate before using the toilet. He sought medical treatment for a painful rash 2 days after he was exposed.	1	VYDATE C-LV INSECTICIDE/NEMA TICIDE (000352- 00532)	Oxamyl
150170	A 33-year-old male assistant gardener developed ocular symptoms after re-entering a windowless marijuana production room that had been sprayed an hour earlier with a miticide containing citric acid and several botanical oils. Although he wore a respirator in the production room during the application, he was not wearing it when he re-entered. Upon re-entering, he noticed a strong odor. He sought medical attention the following day and was diagnosed with conjunctival hemorrhage. Two weeks after the incident, he was still experiencing minor eye irritation.	1	None	Citric acid Yeast Cinnamon
150173	A 44-year-old male metal scrap yard worker died three days after being hospitalized for exposure to chlorine gas inadvertently released at his workplace. A 1-ton tank was unloaded and crushed. The contents of the tank was unknown at the time; the gas was later identified as chlorine. Four other men, ages 32 to 56 were working in the outdoor scrap yard and were hospitalized between 3 and 5 days with severe respiratory health effects. WA DOSH investigated and cited the employer for training deficiencies. The tank had not been confirmed to be empty per company training policy.	5	None	Chlorine
150174	Over a 4-month period, a 68-year-old male spread rodenticide bait pellets around his property for rat control using his bare hands. The active ingredient is a coumarin anticoagulant poison. Within weeks of handling the pellets, he began experiencing bruising over his entire body and bloody noses. He was admitted to the hospital three times where he was diagnosed with prolonged coagulopathy and anemia and treated with high-dose vitamin K. At the time of the interview with the patient about a month after being discharged from the hospital, he was doing much better. He admitted not washing his hands after handling the pellets as the product label and SDS specify.	1	D-CON READY MIXED GENERATION II (003282-00081)	Brodifacoum Brodifacoum
150175	An adult female resident living on the top floor of an apartment complex reported being exposed to an herbicide that had recently been applied to an adjacent neighbor's yard by an unlicensed pest control operator. The resident reported a bad taste in her mouth and experienced breathing difficulty. She did not seek health care. Attempts to interview her were unsuccessful. The WSDA	1	ROUNDUP WEED & GRASS KILLER CONCENTRATE PLUS (071995-00029)	Diquat dibromide Glyphosate- isopropylammonium

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	investigated and issued a Notice of Correction to the grounds management company who performed the herbicide application.			
150179	A 22-year-old male developed ocular and dermal symptoms after he was exposed to pesticide drift while driving his car on a public road. An air blast sprayer was applying pesticide to a hop field about 25 feet from the road. The driver's window was down and he felt the spray on his face before he could close his window. He decontaminated with water quickly and developed ocular symptoms and skin irritation. The next day his eye was swollen shut and his sinuses were plugged. He asked the farmer for the name of the product and was told that it was Pristine. He contacted the Poison Center for information. He told DOH that he could not afford to seek medical treatment and that his symptoms improved in about 3 days on their own. He did not want to refer the incident to an enforcement agency for investigation.	1	PRISTINE FUNGICIDE (007969-00199)	Pyraclostrobin boscalid
150180	While helping a friend move furniture in and out of his friend's garage over a 6-hour period, a 26-year-old male developed respiratory, gastrointestinal, and neurological symptoms. During that time, he noticed a leaking insecticide and fungicide bottle on a shelf in the back of the garage. One of the products also contained petroleum distillates. He briefly touched one of the containers with his right index finger. He sought health care the same day. No other details of the incident are known.	1	PYLON MITICIDE (000241-00374) EAGLE 20EW (062719-00463)	Myclobutanil Chlorfenapyr
150181	A 47-year-old female with prior history of asthma but no active symptoms developed breathing difficulty and asthma exacerbation after returning to home that had been fogged in the basement. At first, she was unaware the basement had been fogged and slept heavily the first night. Over the next several days, she began having breathing difficulties and sought medical attention. The windows were not opened after the unannounced fogging by resident.	1	RAID FOGGER K (004822-00452)	Cypermethrin
150182	A 35-year-old male licensed applicator reported respiratory and gastrointestinal symptoms after preparing to spray fungicide tank mix in apple orchard for the second day in a row. He went to the clinic later that morning and continued spraying the next day.	1	PRISTINE FUNGICIDE (007969-00199) TOPSIN M WSB (073545-00016)	Pyraclostrobin Thiophanate-methyl boscalid
150183	An 86-year-old man opened his garage door and confronted a burglar. The man tripped on wire set up and the burglar, less than 3 feet away, sprayed the contents of a can of wasp spray to his face, covering hair and chest. The burglar ran away and the man immediately washed his face. Paramedics observed cardiac and dermal health effects and he was admitted to the hospital. He had no prior history of heart problems.	1	RWH 33 (004822-00553)	Cypermethrin Prallethrin
150184	A 16-year-old female was setting up bug bombs in each room of a 3-bedroom home when one of the foggers activated while she held the canister. She developed eye and respiratory irritation, dizziness and headache. She did not change clothes or shower afterward, but went to ED later that day.	1	RAID FOGGER K (004822-00452)	Cypermethrin
150185	A 50-year-old male agreed to do a favor for his neighbor, a farm worker tasked with starting the water for a chemigation application to beans. The worker was out of town when his neighbor went to turn on the pump for the custom chemigator hired to apply the fungicide. Pressure had built up,	1	DUPONT FONTELIS FUNGICIDE (000352-00834)	Sulfur Penthiopyrad

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	after the applicator had loaded the pipeline. The hose came off when the neighbor went to turn it on. He washed himself in the irrigation canal. His body was burning. He was brown, covered in the 2 fungicides. He went to the clinic. An L&I claim was generated but abandoned after it was established that the employer had no relationship to the neighbor who did the favor.		SUPER SIX FLOWABLE SULFUR (065343-00001)	
150186	A 32-year-old male county fairgrounds employee sprayed above his head for flying insects next to gutters when the insecticide deflected onto his nose. He wore safety glasses. He developed skin irritation and sought medical attention when it began peeling.	1	CHEMSICO WASP & HORNET KILLER DL (009688-00233)	d-trans-Allethrin lambda-Cyhalothrin
150187	A 65-year-old male public utilities employee was checking the chlorine pump that wasn't working when the hose came off and sprayed him in the eye. He flushed eye with water and followed with eye wash. He sought medical attention; there was no abrasion.	1	None	Chlorine
150192	A 4-year-old female toddler developed ocular symptoms after a lice-killing shampoo got into her eyes. Her symptoms lasted three days. She was seen at an emergency room the following day and was diagnosed with chemical conjunctivitis.	1	EQUATE LICE KILLING SHAMPOO (034797-00001)	Piperonyl butoxide Pyrethrins
150194	A 41-year-old female was exposed to fumes from an aerosol fogger after her son set one off in his room. Before he left the room, he stuffed towels under the door thinking the fumes would not escape the room. The patient was exposed to the fogger fumes through the vent in her room. She breathed the fumes all night while in her room. She woke up the following morning with neurological, respiratory, and gastrointestinal symptoms. She sought health care later that day. No other details of the incident are known.	1	ENFORCER BED BUG & FLEA FOGGER (001021-01674)	N-Octyl bicycloheptene dicarboximide Piperonyl butoxide Pyrethrins Esfenvalerate Pyriproxyfen N-Octyl bicycloheptene dicarboximide Piperonyl butoxide Pyrethrins Esfenvalerate Pyriproxyfen
150195	A 39-year-old male developed ocular symptoms after an insecticide he was injecting into a tree trunk splashed back into his face and eyes. He was not wearing the recommended safety glasses; only eyeglasses. He developed ocular symptoms that lasted over a week. He sought medical attention about a week after the incident.	1	POINTER INSECTICIDE S (069117-00008)	Imidacloprid
150196	A 72-year-old man was preparing a dilute solution of herbicide and it sprayed in his face and eyes. Symptom onset of mouth and eye irritation was immediate. He rinsed his face and eyes with water at home. He sought health care at a hospital ED where his eyes and skin were further irrigated. Attending physician recommended he follow-up with ophthalmology.	1	WEED-B-GON MAX PLUS CRABGRASS CONTROL READY SPRAY (002217- 00896)	Dicamba, dimethylamine salt Dimethylamine 2,4- dichlorophenoxyacetate Quinclorac
150197	A 51-year-old home owner who been treated with chemotherapy developed dermal symptoms after she sprayed her hands and arms using a hose-end sprayer at her home. She wanted to get rid of wasp and yellow jackets at her port. She was using short-sleeve shirts while spraying. She developed a rash on her arms 6 hours after she sprayed the insecticide. She reported having the same dermal reaction 2 weeks after she already recuperated from her symptoms.	1	SPECTRACIDE TRIAZICIDE INSECT KILLER ONCE & DONE! CONCENTRATE 2	gamma-cyhalothrin

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(009688-00277)				
150198	A 77-year-old female developed ocular symptoms after dropping a plastic pesticide bottle in her garage containing malathion. Some of the product splashed back into her right eye and the surrounding skin. She sought medical attention the same day where she was diagnosed with conjunctivitis.	1	None	Malathion
150199	A 41-year-old male pesticide applicator was picking pears when his hands started to itch. He had sprayed the orchard a week earlier with the fungicide Ziram using an air-blast sprayer. He indicated the tree leaves still had some dust from the application. His hands started to itch first then it moved to his forearms. He scratched so much that he excoriated his skin. He sought medical attention the same evening.	1	None	Ziram
150200	A 64-year-old male irrigator was working in an apple orchard when he felt mist on his face and eyes and smelled a pesticide aroma that he identified as coming from a helicopter applying pesticide to the orchard about 50 feet away from him. He had a chemical resistant suit and still experienced respiratory, dermal, and ocular exposure. He washed his face and eyes with irrigation water from a canal, as no water was available close to him for decontamination. He sought medical treatment the same day. He reports that he was not informed of the aerial application before he entered the orchard block and if he had known that the application was going to take place he would have not gone in. He did not want to make a formal complaint against his employer or the aerial applicator.	1	AF-701 (071297-00017)	Cyclopropene,1-methyl-
150201	A relative reported that mothballs had been placed in the home of her 83-year-old aunt and that the home smelled like mothballs. Her health has been in decline since the placement of the mothballs, with symptoms including loss of appetite, weight loss, and muscle /joint pain. Her symptoms appear to have improved since the removal of the mothballs.	1	None	Naphthalene
150202	A 45-year-old female office employee experienced dermal, cardiac, respiratory, and neurological symptoms two hours after a maintenance worker sprayed a pyrethroid insecticide for spiders inside her workplace. Her symptoms lasted three weeks. She sought health care the same day.	1	SPECTRACIDE BUG STOP HOME BARRIER 2 (009688-00298)	gamma-cyhalothrin
150203	A 53-year-old female was in the farm office and had slightly choked on a cookie, when she grabbed a plastic cup with clear liquid thinking it was water. She thinks she spit out all of it, not swallowing. She reported irritation and swelling sensation in mouth but none was noted by healthcare provider. Her husband, a farmer, identified the pesticide.	1	TERRACLEAN 5.0 (070299-00013)	Hydrogen peroxide Peroxyacetic acid
150207	A 66-year-old female developed dermal symptoms after spraying a pyrethroid insecticide, also containing petroleum distillates, towards the ceiling outside her apartment for flies. Some of the spray drifted down onto her face and arms. Shortly after the exposure, she developed a chemical burn to her nose and a rash on her forearms. She sought medical attention the same day. Her symptoms lasted about four days.	1	H6A-US (004822-00569)	Phenothrin Prallethrin
150209	A 40-year-old male fruit packing plant worker developed number of ocular symptoms after being exposed to vapors from a sanitizing solution. He worked as a fruit sorter in the water tank where the fruit is dumped for processing. In this area a sanitizer containing hydrogen peroxide and peroxyacetic acid is applied to the bath water. The product is a disinfectant -sanitizer labeled as	1	SHIELD-BRITE PAA 5.0 (070299-00019)	Hydrogen peroxide Peroxyacetic acid

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	corrosive. This case was referred to L&I.			
150210	Two male residents, aged 52 and 73, developed symptoms shortly after a helicopter application to a cherry orchard located about 500 feet and 1,000 feet from their respective properties. They were both outside on their back porches at the time. Both report noticing a sweet odor shortly after the helicopter passed. One of them experienced neurologic, ocular and upper respiratory symptoms. The other experienced primarily neurological symptoms. Symptoms lasted about an hour and neither of them sought medical attention. WSDA collected environmental samples 3 days after the application and determined that inversion weather conditions existed at the time.	2	None	Malathion
150211	A 23-year-old female assistant teacher at a child day care facility developed chemical burn to her eye. She was cleaning with diluted bleach water and there was spray back from the nozzle. She sought medical attention and missed 1 day from work.	1	None	Sodium hypochlorite
150212	A 24-year-old female grocery store employee experienced chemical corneal burn after dropping a bottle containing a bleach solution on the counter where she was working. The lid wasn't secured properly on the container, so some of the contents sprayed into her face and eyes when it dropped. She sought medical attention the same day.	1	None	Unspecified bleach
150213	An 86-year-old female, her 90-year-old husband and his 57-year-old male caretaker reported headaches, dizziness and gastrointestinal symptoms after reentering the couple's home that was fogged and sprayed by a pest control professional 3 hours earlier. Windows were opened upon entry to ventilate after the application. Symptoms worsened the next day, and EMTs responded and provided care at the home. WSDA investigated and reported no labels were violated.	3	TC-315 (000499-00561) PRENTOX PYRONYL OIL CONCENTRATE OR 3610A (000655-00501)	Dinotefuran N-Octyl bicycloheptene dicarboximide Piperonyl butoxide Pyrethrins
150214	A 30-year-old male mobile home owner became ill after spraying a wasp and bee killer inside his mobile home. He sprayed the aerosol for approximately 6 hours intermittently and developed a number of gastrointestinal and neurological symptoms. His symptoms started right after he started spraying. He sought medical treatment the next day with continuing symptoms.	1	CHEMSICO WASP & HORNET KILLER DL (009688-00233)	d-trans-Allethrin lambda-Cyhalothrin
150217	A 28-year-old grain elevator warehouse employee was instructed to work inside a granary warehouse containing grain bins that had previously been fumigated with tablets containing aluminum phosphide. The product is a restricted use pesticide. The employee had re-entered the granary on the third day of a 3-day re-entry interval. Upon entering, he noticed an odor and then the alarm on the air monitor he was wearing went off, indicating a level in air above the allowable occupational exposure limit. He immediately experienced respiratory, neurological, and gastrointestinal symptoms that lasted two days. He was not wearing the required respiratory protection at the time. He sought medical attention the same day. DOH referred this case to L&I DOSH, who investigated, and cited the company for health & safety violations.	1	DEGESCH PHOSTOXIN TABLETS-R (072959-00004)	Aluminum phosphide
150218	A 58-year-old female developed neurological symptoms and nausea after she was outdoors as her neighbor applied herbicide to the yard. The fire department responded to the scene and she was taken to the ED.	1	TURF BUILDER PLUS 2 (000538-00282)	2-4,D Mecoprop Mecoprop-P
150219	A 69-year-old male sprayed an 1800 sq. foot blackberry patch twice with herbicide. The second time, he used approximately 4 times the required dilution rate. Following the last application, he	1	WEED BEATER ULTRA	Dicamba MCPA,

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	and a helper worked cutting foliage and loading to truck to haul away. He wore no protective clothing or gloves. For the next 5 days, he experienced gastrointestinal symptoms and fatigue. The man helping did not report symptoms.		CONCENTRATE (002217-00863)	2-ethylhexyl ester Carfentrazone-ethyl Mecoprop-P
150220	A 40-year-old male employee at a cranberry processing facility experienced chemical burn to his face after being sprayed with a solution containing sodium hydroxide used for cleaning. He sought medical attention the same day.	1	None	Sodium hydroxide
150222	Two male farm workers ages 27 and 32 were working in an apple farm were exposed to a fungicide. Both were spraying trees with a hose and one of the hoses dislodged splashing both workers to the face and mouth. They decontaminated 20 minutes later, as they were far from a decontamination area. They developed neurological, dermal and gastrointestinal symptoms within minutes of exposure. They sought medical treatment the next day.	2	ULTRA FLOURISH AGRICULTURAL FUNGICIDE (055146-00073)	Metalaxyl-M
150225	A 42-year-old male farm worker was feeding cattle at a feedlot when an aerial applicator flew over him and sprayed the wheat field located next to the feedlot. He did not feel the spray however, he smelled the product. He developed numbness in his tongue and upper respiratory irritation within 2 hours of exposure. He continued working and decontaminated at home after work. He was asked by his supervisor to seek medical attention and he did a day later. He did not miss any days from his work.	1	WARRIOR II WITH ZEON TECHNOLOGY (000100-01295)	lambda-Cyhalothrin
150226	A 47-year-old female employee at an organic herb farm experienced acute chemical conjunctivitis and subconjunctival hemorrhage to her left eye after accidentally being sprayed in the eye by another employee while he was cleaning a table with a bleach solution. She sought medical attention four days after the incident.	1	None	Chlorine Unspecified bleach
150227	A 55-year-old male farm worker applied a fungicide containing petroleum distillates to apple trees for the third day in a row when he developed respiratory irritation and abdominal pain. He wore a mask though no respiratory protection was required. He went home and showered/changed clothes. He felt worse the following morning and his employer took him to the doctor.	1	ULTRA FLOURISH AGRICULTURAL FUNGICIDE (055146-00073)	Metalaxyl-M
150229	A 50-year-old male with a pre-existing respiratory disease, experienced respiratory symptoms shortly after re-entering his apartment while a bug bomb was active. He sought medical attention the same day. The patient received treatment while at the ER, then released in stable condition.	1	HOT SHOT BEDBUG & FLEA FOGGER (001021-01674)	N-Octyl bicycloheptene dicarboximide Piperonyl butoxide Pyrethrins Esfenvalerate Pyriproxyfen
150231	A 55-year-old male with a history of respiratory disease and substance abuse accidentally ingested a small quantity of an unspecified glyphosate concentrate solution that he had put into a water bottle on his bicycle. Shortly afterwards, he developed tinnitus, and began experiencing gastrointestinal, neurological, cardiovascular, and other symptoms. He was admitted to a hospital Intensive Care Unit for two days. Upon discharge from the hospital, he felt back to normal.	1	None	Glyphosate
150234	A 38-year-old female seafood processing plant worker got hit with the sanitizer chlorine after she was holding a bottle of bleach for cleaning fish and the bottle slipped from her hands and a drop of the bleach it hit her right eyes. She washed her eye with a water hose. She indicted was never told	1	None	Chlorine

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	where the eye wash was located.			
150235	A 19-year-old male sanitation crew worker at a shrimp cleaning facility received second degree chemical burns to his left lower leg while cleaning freezers with a corrosive sanitizing solution. He was only wearing some of the required personal protective equipment at the time of the incident. He was wearing raingear that had a hole in it, so some of the sanitizer got on his leg. About three hours later, he developed dermal symptoms that lasted about 4 days. He sought medical attention two or three days after the incident. At the time of the interview with the patient two weeks after the incident, his burns had mostly healed.	1	MICROSOLVE DISINFECTANT CLEANER (063761- 00008)	Hydrogen peroxide Alkyl* dimethyl benzyl ammonium chloride *(60%C14, 30%C16, 5%C18, 5%C12) Alkyl* dimethyl ethylbenzyl ammonium chloride *(68%C12, 32%C14)
150236	A 34-year-old female developed muscle twitches over the course of 2 months, applying an organophosphate flea powder to her cat several times. The cat is an indoor cat. No one else in the household has reported symptoms.	1	HARTZ 2 IN 1 FLEA AND TICK POWDER FOR CATS (002596- 00078)	Gardona (cis-isomer)
150237	A 21-year-old male got a drop of an insecticide-fertilizer mixture into his left eye while spraying leaves. He was not wearing eye protection at the time. He developed various ocular symptoms following the incident. He sought medical attention four days afterwards.	1	AGRICURE (070870- 00001) GROW MORE RAPID ROOT (070908- 00002) AZAMAX (071908- 00001)	Indole-3-butyric acid Carbonic acid, monopotassium salt Azadirachtin
150240	A 45-year-old female phlebotomist at a medical clinic experienced chemical burn to her right leg after a spray bottle containing a bleach disinfectant she grabbed, broke in half and spilled onto her. She sought medical attention the same day.	1	None	Sodium hypochlorite Chlorine Unspecified bleach
150243	A 37-year-old male with asthma experienced significant respiratory symptoms after accidentally locking himself in a room where he had just activated a bug bomb. He was in the room for about two minutes before leaving. Emergency Medical Technicians (EMT) responded. The patient was nearly asymptomatic by the time the EMT's left.	1	None	unspecified raid fogger
150244	A 44-year-old female and developed gastrointestinal symptoms 2 days after her son hung an organophosphate pest strip in the living room at her request. Her son developed headache and vomiting later that evening. Several days later, she saw the graphics prohibiting product use in occupied spaces on an unopened package. She removed the strip and began ventilating immediately. She did not seek medical attention.	2	HOT SHOT NO-PEST STRIP2 (005481- 00532)	Dichlorvos
150245	A 27-year old female decided to place 2 foggers in her apartment. She indicated reading the label and following the instructions. She place the foggers at 3:00 PM and came back to the apartment after work at 7:00 PM. She immediately felt burring in her throat upon entering the apartment. She developed nausea and vomiting 2 days later and sought medical attention. Before reoccupying the area, she did not ventilate and air-out the apartment for 2 hours before re-occupying it.	1	HOT SHOT FOGGER 5 WITH ODOR NEUTRALIZER (009688-00254)	Tetramethrin Cypermethrin
150246	A 57-year old male motel tenant decided to open a can of fogger while he was in his motel room.	5	None	Piperonyl butoxide

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	He could not stop the can from stop spraying so he decided to throw it under his bed and stayed in the room while the fogger was released from the can. He developed a number of gastrointestinal, respiratory and neurological symptoms. Few minutes later he was treated by 4 city firemen ages 20 to 37. They all developed a respiratory and ocular symptoms while treating the resident. The tenant was transported to a medical facility; and none firemen sought medical attention. WSDA was contacted but no action was taken as the product was sold over the counter.			Pyrethrins PyriproxyfenN
150247	A 66-year-old male burned his eyes as he was putting zinc sulfate monohydrate on a roof without any PPE. It got into his eyes and he went to urgent care. The burn to his cornea healed approximately 12 days later.	1	None	Zinc sulfate monohydrate
150248	A 50-year-old male maintenance employee at a retirement home activated a fogger in a resident's apartment. He then ran back inside the apartment to disable the smoke alarm that sounded. It was difficult to see and he was in the room more than 5 minutes. He developed eye irritation, gastrointestinal and respiratory symptoms and was taken to the emergency room.	1	DO IT BEST INDOOR FOGGER (001021- 01648)	N-Octyl bicycloheptene dicarboximide Tetramethrin Fenvalerate Esfenvalerate
150250	While in a bedroom inside his home, an adult male was exposed to an aerosol flea bomb that he was handling that accidentally discharged into his face. Immediately following the incident, he developed respiratory and dermal symptoms. Emergency Medical Technicians (EMT) responded, then transported him to a hospital for further evaluation and treatment.	1	None	unspecified bug bomb
150251	A 36-year-old female nurse at a hospital developed blisters on her lip, and a burning sensation to her nose, throat, and eyes five minutes after walking past a room that had recently been treated for bed bugs with a botanical insecticide by a licensed pest control company. She had noticed a strong odor coming from the room as she walked by it, but had no direct dermal contact with the product. She did not seek medical attention, and her symptoms resolved the following day. The hospital Environmental Services Director was informed of the incident. As a result, the hospital changed its policy to no longer use that product, and modified their policies on insecticide use within the hospital.	1	None	Cedarwood oil Sodium lauryl sulfate Geraniol
150253	A 34-year-old male sought medical treatment after he splashed some pesticide on his right eyes. He was using a pressure washing with chlorine to clear the siding of a building and the spray came back to him hitting his right eye. He sought medical attention the next day.	1	None	Chlorine
150254	A 3 moth old male infant was treated with a permethrin based cream to treat scabies for 5 days. He started developing gastrointestinal symptoms and ad was taken to the emergency room for examination. The mother suspected the baby put his hands in the mouth after the application of the cream; and therefore had developed symptoms due to ingestion of the cream.	1	None	Permethrin, mixed cis,trans
150255	A 20-year-old male pest control professional developed neurological symptoms and nausea after opening a container of lime sulfur outdoors without his respirator. He did not notice any odor. The contents had crystallized at the bottom and the container was difficult to open. He put on his respirator to pour into the tank. After onset of headache, he removed himself from further potential exposure. He felt worse that evening and sought medical care the following morning.	1	LIME-SULFUR SOLUTION (066196- 00002)	Calcium polysulfide

160058	A 49-year-old hearing-impaired male with a pre-existing respiratory condition accidentally inhaled a permethrin-based bed bug spray as he was treating his bedroom. The product also contained petroleum distillate. Shortly afterwards, he developed respiratory, neurological, and cardiac symptoms. He sought medical attention the same day.	1	DON'T LET THE BEDBUGS BITE! GOOD NIGHT (000706-00110)	Permethrin, mixed cis,trans
150258	A 21-year old woman was exposed to bedbug and flea fogger at her home. Two family members, including a teenager and toddler, also were reported to have experienced symptoms but did not seek medical care. The 21-year-old sought medical care at a community hospital ED for gastrointestinal symptoms and was diagnosed with pesticide exposure and released from care the same day after her symptoms improved.	1	HOT SHOT BEDBUG & FLEA FOGGER (001021-01674)	N-Octyl bicycloheptene dicarboximide Piperonyl butoxide Pyrethrins Esfenvalerate Pyriproxyfen
150257	A 2-year-old male was handling a Roundup product and it spilled, splashing on his face. His mother was near and took him right away to a near-by hospital ER. No indication of exposure to eye or mouth was seen on examination. Dermal signs at points of contact only.	1	MON 78999 HERBICIDE (071995- 00033)	Glyphosate- isopropylammonium Nonanoic acid