

Pollution Prevention || Risk Assessment

for all process relating to pollution, safety, employee safety and pollution for safe harvesting and growing of product

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Hazard	1	2	3	4	5	Risk Rating					
Likelihood	Very unlikely to cause harm	Unlikely	Likely	Very Likely	Certain	1	1	2	3	4	5
Severity	Slight, if any health impairment	Less than 3 days off work	More than 3 days off work	Health impairment, little chance of recovery	Potential fatal	2	2	4	6	8	10
						3	3	6	9	12	15
						4	4	8	12	16	20
						5	5	10	15	20	25
						Risk Rating					
						Low – monitor the situation					
						Medium – identify improvements, draw up action plan and monitor					
						High – urgent action required to reduce exposure and re-access					

Risk Consideration for Pollution management	Hazards	Actions Taken	Risk Score		Total	Are Actions Suitable to Control Hazards? Y/N	Monitoring, actions or further testing by produce packing line on site	Responsible
			L	S	Score			
Noise pollution caused by tractor engines, motors, etc.	Residents could become agitated	Hedgerows have been planted to reduce noise and visual pollution for nearby residents Operation of tractors and other machinery is kept to a minimum after 10.00pm and before 6.00am to avoid causing nuisance to local residents	1	1	1	Yes	Monitoring via complaints	Site
Air pollution caused by pesticide drift, dust	Residents could become agitated, and dust may be harmful	Dust pollution is kept to a minimum by cultivating headlands when the wind speed is low or blowing away from houses and public places	1	1	1	Yes	Sprayers and equipment maintained, operator training	Site
Air pollution caused by dark smoke from bonfires and machinery	Residents could become agitated, and smoke may be harmful	Bonfires are burnt at high temperatures to ensure minimisation of dark smoke. Fires are not lit on windy days when smoke may blow onto neighboring land	1	1	1	Yes	Bonfire minimal. Monitoring via complaints	Site
Water pollution caused by agrochemicals, diesel, oil and nitrates entering watercourses etc.	Wildlife and / water course may become contaminated	Fuel tanks, oil and lubricant containers and waste oil containers are all bunded to ensure any leaks or spillages are contained, excess oil is removed from site if out of date and not used or stored for long periods, spilt kits are available in chemical store. Security measures are in place in the farm	1	1	1	Yes	Observation, sprayers and equipment maintained, operator training	Site
Light pollution of security lights	Residents could become agitated	Sensor operated and switch off at night	1	1	1	Yes	Monitoring via complaints	Site
Soil pollution caused by residual chemical usage	Wildlife and / water course may become contaminated	All pesticides and fertilisers will be used in accordance with label, advisor and legislative guidelines. Operators trained	1	1	1	Yes	Observation, sprayers and equipment maintained, operator training	Site
Waste	Wildlife and / water course may become contaminated	All waste will be collected and stored responsibly and disposed of via the correct channels see Waste and Recycling	1	1	1	Yes	Licensed operators, not stored on farm in large quantities	Site
Pollution to wildlife	Wildlife and / water course may become contaminated	Known pollutants will be monitored and any breaches shall be documented	1	1	1	Yes	Auditing, Observation	Site