

Instructions: Complete the risk assessment according to the guide *Risk management for emergencies*.

Task	Collection and examination of locusts					
Context (including area/site)	Locusts are collected from paddocks are examined to determine species type, stage of growth, health, collected as samples and fecundity.					
Risk factors/causes	Collection of locusts from ground may include contact with animals (i.e. bees, ants) and chemicals (where areas have been recently treated) that could adversely impact on the health of personnel. Other hazards are addressed in the Property Visits SWMS .					
Acceptable level of protection (ALOP)	Low					
Specific risk	Personnel being injured (specifically bee stings) and contact with chemicals during collection and/or examination of locusts.					
Area(s) of impact	Human health – particularly bee/ant stings, chemical exposure/contact					
Current risk treatments	<ol style="list-style-type: none"> 1. Personnel known, or suspected, to be adversely affected (eg respiratory distress) to bee (or other insect) stings must NOT undertake this task. Personnel with mild allergies can undertake the task where the worker and supervisor agree the risk is low. 2. Check with landholder for any recent application of chemicals and wear appropriate PPE (e.g. gloves) where required. 3. Task only to be undertaken during daylight hours with sufficient light to visually check ground for hazards. 4. Visually check area to be sampled for potential hazards including bees, ants, snakes, broken glass or other sharp hazards (eg thistles, burrs). 5. Individually pick up locusts from the ground and dissect by breaking apart or other appropriate technique. 6. Bulk collection of locusts - use equipment (eg shovel, scoop, insect net) to remove from ground. Do NOT use fore arms to collect locusts. 7. Assess collected locusts (in scoop/shovel/net) for hazards (as above) – discard if collection contains hazards and resample from a different area to that used for disposal. Locusts are either examined on site or retained for identification and/or training purposes. 					
Current risk	Likelihood (A-E)	D (unlikely)	Consequence (1-5)	1 (insignificant)	Current risk (VH, H, M, L)	Low
Proposed risk treatment*						
Residual risk	Likelihood (A-E)	D (unlikely)	Consequence (1-5)	1 (insignificant)	Residual risk (VH, H, M, L)	Low
Comment*						
Conclusions	The overall level of risk is low, where personnel adversely affected by bee stings are excluded from the task and tools/gloves are used to collect samples.					
Recommendations	Accept the low level of risk for the task.					

*Mandatory requirement if assessed level of risk rating is VH (very high), H (high) or M (medium)



Task Risk Assessment

INT08/75719[V3]

Name/s and role/s			Date
Prepared by	Emergency Management Unit	Date completed	19 January 2018
Authorised by	State Emergency Coordinator	Date authorised	1 February 2018

Table 1 - Consequence description for areas of impact

	Animal health & welfare Plant health	Health & safety	Environment & heritage	Governance & compliance	Industry & customer experience	Stakeholder trust / confidence	Service delivery	Value & benefits	Financial
5. Extreme	Significant animal illness/injuries/deaths in multiple regions. Widespread animal welfare issues. Considerable plant damage/loss across multiple regions .	Multiple fatalities and/or >20 major injuries/permanent disabilities/chronic disease.	Irreversible large-scale environmental impact with loss of valued ecosystems .	Prosecution leading to imprisonment of executive(s). Significant prosecution/litigation. Loss of operating licence .	Extensive shutdowns or extended disruptions with economy-wide and national effects. Structural change or long-term industry impact.	Outrage – Material change to public perception of the organisation. Confidence and trust are severely damaged, possibly irreparably, and full recovery both questionable and costly.	Catastrophic event with potential to lead to the collapse of the organisation.	Failure to realise benefits of enterprise-wide operations or public announced portion/milestone significantly missed or final completion date significantly missed on critical path project.	>\$50m OR >25% of budget
4. Major	Considerable animal illness/injuries/deaths on multiple properties across a region . Animal welfare impacted across multiple regions. Considerable plant damage/loss on multiple properties across a region.	Kill or disable Single fatality and/or 10-20 major injuries/permanent disabilities/chronic diseases.	Long-term environmental impairment in neighbouring or valued ecosystems. Extensive remediation required.	Substantial breach resulting in prosecution, fines and/or litigation. Licence or accreditation restricted or conditions affecting ability to operate.	Short duration shutdowns or substantial disruptions affecting multiple industries with state or sector-wide cascading effects.	Displeasure – Extended negative state/national media coverage. Confidence and trust are damaged but recoverable at considerable cost, time and staff effort.	Severe event which requires extensive management effort but can be survived.	Significant delays with initiative which impacts across divisions and/or significant decrease in benefits realised or public announced portion/milestone missed or final completion date missed on critical path project.	>\$5m - ≤\$50m OR 25% of budget
3. Moderate	Some animal illness/injuries/deaths on multiple properties across a region . Animal welfare impacts across a region. Some plant damage/loss on multiple properties across a region.	Serious injury 1-10 major injuries requiring hospitalisation and numerous days lost or medium-term occupational illness.	Impacts external ecosystems and considerable remediation is required.	Breach resulting in enforcement action and/or prohibition notices. Substantial fine and no disruption to services.	Significant disruptions affecting operations of one industry sector or region with state-wide effects on one or more other regions or sectors.	Concern – Short-term negative state/national media coverage. Confidence and trust are diminished but are recoverable with time, staff effort and additional funding.	Significant event which can be absorbed, but substantial management effort is required.	Significant delays with initiative and/or major decrease in benefits realised or public announced portion/milestone missed or final completion date missed with demonstrable mitigating external circumstances.	>\$500k - ≤\$5m OR 10% of budget
2. Minor	Limited animal illness/injuries &/or deaths on single enterprise. Limited plant damage/loss on single enterprise .	Loss-time injury Single recoverable lost time injury or illness, alternate/restricted duties injury, or short-term occupational illness.	Short-term and/or well-contained environmental effects. Minor remedial actions probably required.	Significant non-compliance . Subject to comment and monitoring from applicable regulator. Small fine and no disruption to services.	Serious disruptions affecting operation of one industry sector or region .	Disappointment – Extended negative local/state media coverage. Confidence and trust dented but are quickly recoverable at modest cost within existing budget and resources.	Minor event , the impact of which can be absorbed but much broader management effort is required.	Severe delays with initiative and/or moderate decrease in benefits realised or completion date missed for non-critical path project.	\$50k - ≤\$500k OR 5% of budget
1. Insignificant	Isolated impact on animals and/or plants on a single enterprise .	Medical treatment only Illness or minor injuries requiring medical treatment.	Change from normal conditions within environmental regulatory limits & environmental effects are within site boundaries.	Minor non-compliance with legal and/or regulatory requirement or duty. Investigation and/or report to authority.	Minor disruptions affecting several industries or regions.	Unease – Series of negative articles in local/state media. Confidence remains with some minor loss of goodwill or trust. Recoverable with little effort or cost. Some continuing scrutiny/attention.	An event, the impact of which can be absorbed but some additional management effort is required.	Minor delay with initiative and/or a minor decrease in the benefits realised or minor delay on the project or another project, with no public implications.	≤\$50k OR 1% of budget

Table 2 - Risk rating with likelihood definition

		Likelihood					
		E. Rare	D. Unlikely	C. Possible	B. Likely	A. Almost certain	
		Would only occur under exceptional circumstances (e.g. once every 100 to 1000 years)	Could occur only in unusual circumstances (e.g. once every 10 to 100 years)	Could occur, but more than likely will not (e.g. once every 1 to 10 years)	Will probably occur (e.g. 2 - 10 times/year; could occur on a monthly/quarterly basis)	Expected to occur in most circumstances (e.g. >10 times per year; could occur on a daily/weekly basis)	
Consequence	5. Extreme	Refer to Table 1	Medium	High	High	Very high	Very high
	4. Major		Low	Medium	High	High	Very high
	3. Moderate		Low	Medium	Medium	High	High
	2. Minor		Low	Low	Medium	Medium	Medium
	1. Insignificant		Low	Low	Low	Low	Medium

Table 3 - General risk tolerance, management guide and approval

Risk rating	Basic tolerance	Management	Approval – Non response	Approval – Responses
Very High	Generally intolerable	Urgent attention. Must obtain Secretary/Director General approval for risks and their treatments	Secretary/Director General	Executive Emergency Management Committee
High	Undesirable	Intervention required. Approval of the risks, their treatments and acceptable management actions. To be escalate to Secretary/Director General as appropriate.	Deputy Director General	Executive Emergency Management Committee
Medium	Tolerable	Active management. Review risks and treatments, and approve acceptable management actions.	Director	Incident Controller (Local or State)
Low	Broadly acceptable	Ongoing monitoring. Managed through routine operations by the risk owner. Review/monitor risks and their treatments for effectiveness, reliability and any changes in the likelihood and consequences.	Director or delegate	Incident Controller, Function Officers, Operations Managers or Officers-in-Charge (OIC's)