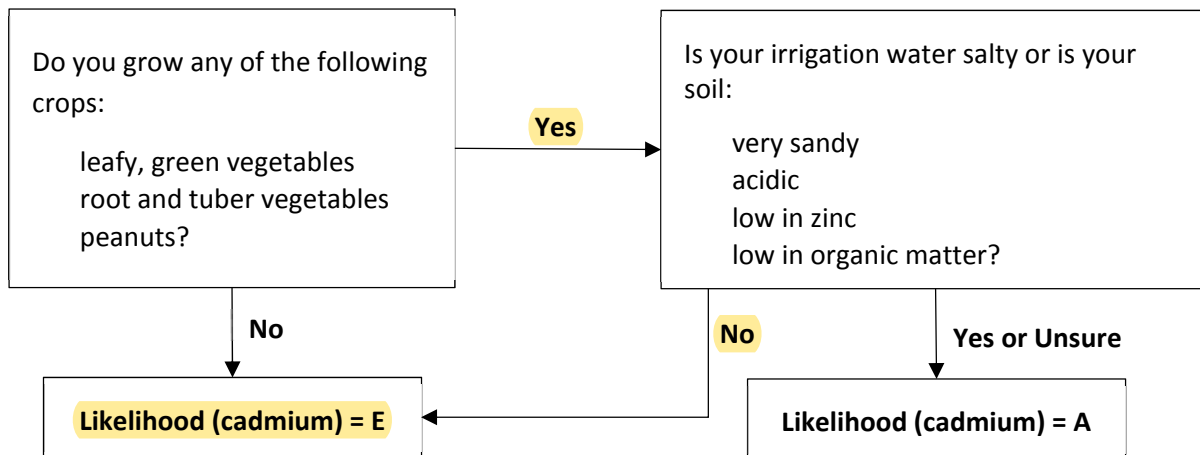


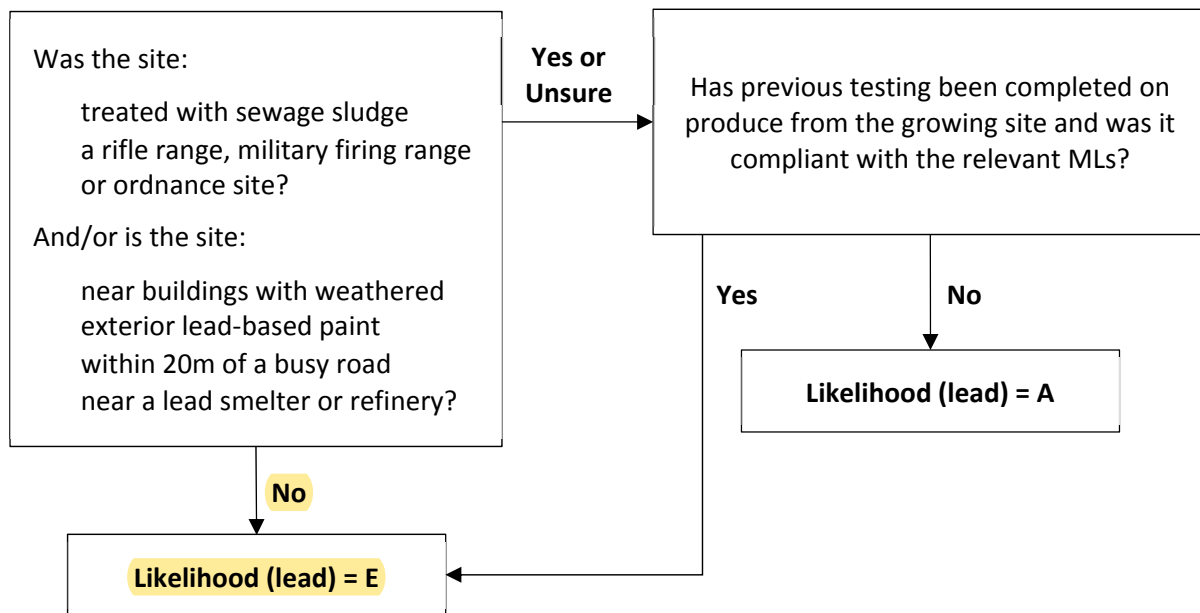
F1 Risk assessment – heavy metals

A risk assessment is to be conducted for each growing site/crop combination.

1. Risk assessment – cadmium



2. Risk assessment – lead



Additional actions for high significance

If the hazard analysis identified the risk of heavy metal contamination of produce from soil/growing medium is high, the following additional control measures must also be implemented:

- Test the produce for cadmium residues
- AND/OR
- Test the produce for lead residues.

Sites/areas contaminated with cadmium and/or lead are identified on the property map.

Contaminated sites are managed to ensure that produce grown at that site complies with MLs.

Business name: _____

Growing site: _____

Crop/s: _____

Significance matrix:

Severity	Likelihood
1. Fatality	A. Common occurrence
2. Serious sickness	B. Known to occur
3. Product recall	C. Could occur
4. Customer complaint	D. Not expected to occur
5. Not significant	E. Practically impossible

Severity	Likelihood				
	A	B	C	D	E
1	High	High	High	High	Low
2	High	High	High	Low	Low
3	High	High	Low	Low	Low
4	High	Low	Low	Low	Low
5	Low	Low	Low	Low	Low

Heavy metals hazard analysis

Hazard	Possible cause(s)	Sev*	Li*	Sig*	Action
Chemical: Chemical residues in produce exceeds ML.	Soil/growing medium contains residues of cadmium from previous use of growing site.	3			If low significance , no additional action is required. If high significance , implement additional actions for high significance – heavy metals.
	Soil/growing medium contains residues of lead from previous use of growing site.	3			If low significance , no additional action is required. If high significance , implement additional actions for high significance – heavy metals.

*Sev = Severity, Li = Likelihood, Sig = Significance

Completed by: _____ Date completed: _____