

Optional decision aid to assist in balancing the possible non-target effects of pesticides

Site name:

What are the remaining suitable pesticides, methods, and patterns of application?

1.

2.

3.

What are the possible non-target effects of each of the potential pesticides?

		Importance of factor at site			Level of risk*			Level of hazard*			Overall suitability		
		High	Norm	Low	High	Norm	Low	High	Norm	Low	X	✓	✓✓
Effect on operators: Risk/hazard of contamination given suitable protection and control measures are in place.	1.	✓											
	2.	✓											
	3.	✓											
Effect on aquatic environment Risk/hazard of contamination given suitable buffer zones and control measures are in place.	1.												
	2.												
	3.												
Effect on biological environment Risk/hazard of contamination given control measures are in place e.g. rare/sensitive plants, invertebrates, birds etc.	1.												
	2.												
	3.												
Effect on biological environment	1.												
	2.												
	3.												
Effect on biological environment	1.												
	2.												
	3.												
Effect on biological environment	1.												
	2.												
	3.												
Effect on biological environment	1.												
	2.												
	3.												
Effect on neighbouring sites	1.												
	2.												
	3.												
Effect on forest users	1.												
	2.												
	3.												

* Risk = likelihood of effect occurring, given suitable protection and controls. Hazard = likely harm that may occur if risk is realised.

Notes

- Use after approved, crop safe, effective, cost-effective, pesticides have been identified.
- Operator protection is of the highest importance. This process does not replace a COSHH assessment in which adequate levels of engineering control or protective clothing should be identified.
- Note that if label instructions are followed, operator and environmental risk is likely to be minimal, but this process may help in the decision on which pesticide to use.
- Compare possible alternative pesticides and application patterns and applicator types, once protective clothing and buffer zones have been identified.

Reject the pesticide if you have ticked 'High' three times in one row.

Which pesticide is most suitable?

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