



📋 Syngenta Safe Use Record Sheet

Recording the use of pesticides is an important step to improve you and your family's safety, ensuring efficient product use and showing compliance with regulations. Good records can help you to know what pesticides worked well, manage resistance and help handle emergencies. Use this table, every time you use pesticides to ensure the minimum information is recorded.

Contact details	Planner's name: Who calculated the spray area, the amount of pesticide to mix, etc?	
	Mixer's name: Who mixed the pesticide product with water?	
	Operator's name: Who applied the pesticide product?	
	Operator's contact details: Include his/her address, email and telephone number.	
	Contractor's contact details: If used, include his/her address, email and telephone number.	
	Site address or geolocation: Where was the pesticide product applied?	
Crop	Crop name: What is the name of crop, variety or cultivar treated?	
	Crop growth stage: What is the growth stage of the crop?	
	Crop condition: What is the condition of the crop? Is it in good condition? Or stressed: lacking fertilizer, water logged, suffering from drought or frosted? Other?	
	Crop area: What is the total size of the plot planted with this crop? Hectares or square meters?	

Pest	Pest/disease/weed name: What is the name of the pest, disease, weed or other problem?	
	Level of infestation: What is the level of infestation of the pest, weed or disease? Low, medium or high?	
	Stage of life cycle: What is the life cycle stage of the pest, weed or disease?	

Spraying	Spray area: What is the spray area within this plot and what is the size of the area treated (if different)? Hectares or square meters?	
	Date of application: What was the date when the pesticide product was applied?	
	Time of application: What was the time when the pesticide product was applied?	
	How the pesticide product was applied: How was the pesticide product applied? Spraying: spot spraying weeds or parts of crop plants / crop-row (band or bed) spraying, / inter-row spraying / broadcast spraying, etc?	
	Direction of application: What was the direction of application? Downwards / laterally / upwards?	

Pesticide Product	Trade name of the pesticide product used: What is the product called?	
	Re-entry period after pesticide application: Enter the number of days and inform those who need to know.	
	Harvest interval: How many days after pesticide application the crop can be harvested?	
	Earliest date of harvest: Enter the date and inform those who need to know.	
	Dose rate used: What was the dose rate used? L/ha, Kg/ha, ml/ha, g/ha or other?	
	Spray mix/water volume used: What is the spray mix volume used? What is the number of liters of pesticide plus water that were used in total?	
	Total amount of pesticide product used: What was the total amount of pesticide product used (mL, L, g, Kg, etc)	
	Adjuvant name: Enter the name of any wetter used during the pesticide application.	
	Total amount of adjuvant used: If used, enter the amount used (mL, L, G, kg, etc).	

Pesticide Product	Pesticide supplier name: What is the name of your pesticide supplier?	
	Container number(s): What are the container numbers for pesticide and adjuvants?	
	Expiry date(s) of pesticide product: What is the expiry date of the pesticide product? Is the expiry date later than the date of spraying?	

Weather	Wind speed during application: Calm, light air, light breeze, gentle breeze, or moderate breeze?	
	Wind direction during application: N, NE, E, SE, S, SW, W or NW?	
	Rain before spraying: None, light, medium or heavy?	
	Rain during spraying: None, light, medium or heavy?	
	Rain after spraying: None, light, medium or heavy?	
	Temperature before spraying:	
	Mean/average temperature during spraying:	
	Temperature after spraying:	

Equipment	Knapsack: What is the manufacturer of the knapsack sprayer?	
	Model number/identifier: What is the number of the knapsack sprayer used?	
	Tank size: What is the safe usable volume of the tank in litres?	
	Which accessories were used: (mini-boom, lance, spray shield, tree-guard, other?)	
	Nozzle type used: What is the nozzle type used?	

Calibration	Nozzle size used: What is the nozzle size used? Enter 01, 02, 03 etc.	
	Pressure used: Enter number of bars used.	
	Flow rate used: Enter the flow rate used in litres/minute, available from maker's chart.	
	Nozzle output used: Enter the actual nozzle calibrated in litres/minute.	
	Swath width used: Enter the swath width used in in metres.	
	Spray width used: If different, enter in metres.	
	Date sprayer checked: Enter date sprayer last checked.	
	Date of calibration: Enter the date when the calibration was done.	
	Enter the advised drop size / spray quality: Extra Coarse, Very Coarse, Coarse, Medium, Fine or Very Fine?	
	Was the spray quality advised used: Yes or no?	
Spray cover: Were you able to achieve the right spray spread of spray drops over the plants sprayed?		

Problem noticed	Problems with use of the pesticide product: Yes or no? If yes, note any problem with the use of the pesticide product e.g. poor mixing? Poor spray quality or cover?	
	Problems with the sprayer used: Yes or no? If yes, note any problems with the sprayer e.g. was the sprayer damaged or leaking or were there problems with the pump? Did the nozzle block?	
	Spray drift: Did the spray drift? No, some or enough to halt spraying?	
	Other issues: Enter anything else of note that is not mentioned above.	

User safety	<p>Is the operator trained/qualified to use the pesticide product? Yes or no? If yes, how?</p>	
	<p>What Personal Protective Equipment (PPE) did the person wear when mixing the pesticide product? Gloves, Boots, Coveralls, Face shield, Respirator, Goggles etc?</p>	
	<p>Which PPE did the person wear when applying the pesticide product? Gloves, Boots, Coveralls, Face shield, Respirator, Goggles etc?</p>	
	<p>Was the PPE in good condition? Yes or no? If no, what repairs were made at the time and do further repairs need to be carried out?</p>	

Enviromental Safety	<p>Were warning signs put up on the site? Yes or No? Provide details.</p>	
	<p>Were neighbours, bee-keepers or any other interested parties warned that spraying would take place? Yes or No? Provide details.</p>	
	<p>If you used a buffer zone, why did you use one? What were you protecting? E.g. surface water, protected vegetation, wildlife reserve, homes, hospitals, inhabited buildings, other?</p>	
	<p>How wide was the buffer zone? Enter the size in metres.</p>	
	<p>Did the buffer zone extend along the entire boundary between the treatment area and the sensitive area? Yes or No? Provide details.</p>	

Results	<p>Observed results after the pesticide product application: How effective was the application at addressing the problem with the crop?</p>	
---------	--	--