

## Pre-operational checks for different equipment types

Type of equipment	Pre-operational checks	Action
<b>Knapsack or hand sprayer</b>	Check mixture tank or container for leaks and cracks	If tank is damaged or leaking report to your supervisor.
	Check strainers	Clean
	Check pressurising hand pump is working – is sufficient air pressure produced to spray?	Check mechanism and, if necessary, replace washers, O rings and plunger ring. If still not working, report to your supervisor.
	Check wand/spray applicator trigger to see if trigger closes fully when released	If worn and spray continues to flow, replace O rings or mechanism. If still not working, report to your supervisor.
	Check spray nozzles - full spray in required pattern should be seen	Clean nozzle and if still not spraying full pattern, replace.
<b>Powered spot spray equipment</b> (e.g. mounted on vehicle or quad bike)	Check mixture tank or container for leaks and cracks	If tank is damaged or leaking report to your supervisor.
	Check tank strainers and any line filters	Clean and, if necessary, replace.
	Check power source is working (usually battery source)	Check power lines and any circuit protection devices (i.e. fuses, circuit breakers, etc.).
	Check hoses and hose connectors for leaks or cracks	Replace any cracked hoses or items that appear to be excessively worn.
	Check wand/spray applicator trigger to see if trigger closes fully when released	If worn and spray continues to flow, replace O rings or mechanism. If still not working, report to your supervisor.
	Check for leaks at all connections from tank to application	Replace worn O rings and washers. Tighten connectors if leaking.
	Check spray nozzles - full spray in required pattern should be seen	Clean nozzle and if still not spraying full pattern, replace.
<b>Powered boom spray</b> (e.g. tractor mounted, self-propelled, trailer mounted)	Check mixture tank or container for leaks and cracks	If tank is damaged or leaking report to your supervisor.
	Check tank strainers and any line filters	Clean and, if necessary, replace.
	Check power source is working (usually PTO driven on tractor mounted sprays)	If not working notify Supervisor.
	Check hoses and hose connectors for leaks or cracks	Replace any cracked hoses or items that appear to be excessively worn.
	Check for leaks at all connections from tank to application	Replace worn O rings and washers. Tighten connectors if leaking.
	Check spray nozzles - full spray in required pattern should be seen	Clean nozzle and if still not spraying full pattern, replace.
	Check spray applicator can be operated from operator's position	If not working notify Supervisor.