

Cleaning & Decontaminating Spray Equipment



Herbicide	Rate of Agent / 100L Water	Instructions for cleaning and decontamination
Glyphosate or Imidazolinone herbicides: imazamox (Raptor), imazaic (Flame), imazethapyr (Spinnaker)	Clean water (*Nufarm Tank & Equipment Cleaner)	Rinse thoroughly several times with clean water before use.
Hormone-type, salt or amine formulations: 2,4-D amine, MCPA amine, 2,4-DB, dicamba	2 L household ammonia (*Nufarm Tank & Equipment Cleaner)	Thoroughly agitate and flush a small amount of solution through the system and let stand in sprayer overnight. Flush and rinse with clean water several times before use.
Hormone-type, ester formulations: 2,4-D ESTER, MCPA ester	500g washing soda (crystalline sodium carbonate) + 4L kerosene + 125g powdered detergent (*Nufarm Tank & Equipment Cleaner)	Rinse inside and outside the tank and flush a small amount through the system for 15-20 minutes. Let stand for at least 2 hours or preferably overnight. Flush and rinse before use.
Triazine herbicides: atrazine, simazine	125g powdered detergent (*Nufarm Tank & Equipment Cleaner)	Rinse with clean water before and after using the solution.
Silfonylurea herbicides: chlorsulfuron (Glean), triasulfuron (Logran), metsulfuron (Ally, Brushoff)	300ml fresh household chlorine bleach containing 4% chlorine or 300ml BC-45 Spray Equipment Cleaning Agent (*Nufarm Tank & Equipment Cleaner)	Drain and flush the tank, hoses and boom with clean water for 10 minutes. Fill the tank with clean water and add the chlorine bleach. Flush the boom and allow to stand for 15 minutes, then drain and repeat. Nozzles, screens and filters should be removed and cleaned separately.
Sulfonamide herbicides: flumetsulam (Broadstrike), metosulam (Eclipse), Pyridine herbicides: clopyralid (Lontrel)	500ml liquid detergent such as Surf. Omo, Dynamo Matic or 500g of the powder equivalent	Flush the system, then quarter fill the tank with water and add the detergent. Start the pump and circulate for at least 15 minutes. Drain the whole system. Remove and clean the filters, screens and nozzles with clean water to allow draining.
Grass selective herbicides: halxyfop (Verdict), fluazifop (Fusilade), clethodim (Select), quizlofop-p-ethyl (Targa)	500ml alkali liquid detergent such as Surf, Omo, Dynamo Matic or 500g of the powder equivalent	Before spraying cereals, maize, sorghum, or other sensitive crops, wash the tank and rinse after use. Completely drain the tank and wash filters, screens and nozzles. Drain and repeat the procedure twice. To decontaminate, wash and rinse the system as above, quarter fill the tank, add the detergent and circulate through the system for at least 15 minutes. Drain the whole system, remove filters, screens and nozzles and clean separately. Finally, flush the system with clean water and allow to drain.

Source: Department of Primary Industries, Noxious Weed and Environmental Control Handbook, 6th Edition