

Table 1 is a **guide** to selecting decontamination agents prepared from information included in the NSW DPI management guide *Weed control in winter crops 2016*, the Nufarm/Croplands decontamination guide, the Kenso Agcare ‘Boomsprays: cleaning and decontamination boomsprays’ (www.kenso.com.au/page/attachment/19/boom-decontamination-guide) and product labels.

Table 1 Decontamination and cleaning agent guide.

Selected herbicide groups	Chemistry	Examples of active ingredients	Herbicide examples	Cleaning product and rate per 100L water
A	DIMS	Clethodim	Sequence [®] , Select [®] , Achieve [®]	500mL liquid detergent “Dynamomatic” or 1L Absolute Boomer, or 125g Nufarm Tank and Equipment Cleaner, all as per label instructions
	FOPS	Fluaxypof, Halaxyfop	Nugrass [®] , Hoegrass [®] , Verdict [®]	
	DENS	Pinoxaden	Axial [®]	
B	Imidazolines	imazapic imazapyr	Midas [®] , Arsenal Xpress, Spinnaker [®] Intervix [®] , Raptor [®]	Small amount of Nufarm tank and equipment cleaner or very thorough water clean
	Sulfonylureas	Chlorsulfuron, Iodosulfuron-methyl sodium, Metsulfuron- methyl, Triasulfuron, Mesosulfuron-methyl	Associate [®] , Lusta [®] , Monza [®] , Nugran [®] , Sempra [®] , Glean [®] , Ally [®] , Logran [®] , B-power [®] , Hussar [®] OD, Atlantis [®]	300 mL fresh chlorine bleach containing 4% chlorine, or 300mL BC-45 Spray Equipment Cleaning Agent [®] , or Absolute Boomer [®] or CC49 [®] as per label directions (check use by or expiry dates)
C	Triazines	Simazine, Diuron, Atrazine, Prometryn	Nu-Trazine [®] 900 DF, Convoy [®] DF, Diuron 900 DF, Simazine	Water, with a little Nufarm tank and equipment cleaner or Absolute Boomer [®] as per label instructions or tank mix partner/s requirements
	Benzonitriles	Bromoxynil	Bromicide [®] 200,	
D	Dinitroanilines	Trifluralin, Pendamethalin	Triflur X [®] , Rifle [®] 400, Stomp 440 [®]	
F	Phenoxy nicotinamides	Diflufenican, norflurazuron, picolinafen.	Paragon [®] , Nugrex [®] ,	Nufarm Tank and Equipment Cleaner as per label instructions
G	Diphenyl Ethers Trioloinones	Carfentrazone-Ethyl, Oxyflurfen,	Affinity [®] , Striker [®] , Hammer [®] , Pledge [®]	100 grams Alkaline detergent “Omo [®] ”, “Spree [®] ” “Surr [®] ”, or 1L Absolute Boomer [®] as per label instructions
	Pyrazoles	benzofenap, pyrasulfotole,	Precept [®] , Velocity [®] ,	Nufarm Tank and Equipment Cleaner as per label instructions
H	Isoxazoles	isoxaflutole	Balance [®]	500 grams Alkaline detergent e.g. Omo [®] , Spree [®] , Surr [®] , or 500mL liquid detergent e.g. Dynamo-matic [®] , or 300mL fresh Chlorine bleach containing 4% chlorine as per label instructions.

Selected Herbicide Groups	Chemistry	Examples of Active Ingredients	Herbicide examples	Cleaning Product and rate per 100L water
I	Benzoic acids	Dicamba	Kamba 500,	125 g Nufarm Tank and Equipment Cleaner
	Phenoxy acetic acids	MCPA (Dimethyl-amine)	Agritone® 750	2L household ammonia, followed by Nufarm tank and equipment cleaner as per label
		MCPA (Ethyl Hexyl Ester)	Bromicide® MA, Nugrex®, Paragon®	
		MCPA (Iso-Octyl Ester)	Broadside®, Agritone® LVE	
		MCPA (Potassium Salt)	Trooper®	
	2,4-DB	Butress®	2L household ammonia, (to make a 1% solution in the tank) followed by Nufarm tank and equipment cleaner as per label instructions	
	2,4-D (Dimethyl-amine and Diethanol-amine)	Baton®, Kamba® M, Surpass® 475, Amicide® 625		
	2,4-D (Ethylhexyl Ester)	Estericide® Xtra	125 grams Nufarm Tank and Equipment Cleaner as per label instructions, or 500 grams washing soda (crystalline sodium carbonate) + 4 L kerosine, or 2 L Ammonition®	
Pyridines	Fluoxypyr, Triclopyr	Archer®, Starane®, Comet®, Grazon® Xtra		
J	Thiocarbamates	Tri-Allate	Avadex® Xtra	Water, with a little Nufarm tank and equipment cleaner or Absolute Boomer.
K	Chloroacet-amides	S-Metolachlor, Pyroxasulfone	Bouncer®, Dual Gold®, Sakura®	
L	Bipyridils	Diquat, Paraquat	Grammoxone®, Spray Seed®,	Thorough water clean, or as per tank mixing partner/s requirements
M	Glyphosate	Glyphosate	Weedmaster Argo®, WipeOut®, Glyphosate CT®, Roundup® products	
N	Phosphoric acids	Glufosinate	Basta®, Liberty®	
Q	Triazoles	Amitrole	Amitrole®, Illico®	Water, with a little Nufarm tank and equipment cleaner or 1 L Absolute Boomer®
Z	Arylamino-propionic acids	Flamprop	Mataven® 90	