

## AGRICHEMICAL APPLICATION – GROWSAFE

Explanation of **Critical, Major and Minor** Non Compliances:

**Critical:** A critical non compliance is one where there is little or no evidence of compliance with the code and/or the Accreditation Programme and

**Major:** A major non compliance is one where there is significant deviation from the code and/or the Accreditation Programme and where there is

**Minor:** A minor non compliance is a deviation from the code and/or the Accreditation Programme that does not risk the status of the

### 19 CHECKLIST FOR GROWSAFE

#### 19.1 Risk Management Plan

19.1.1	<b>Critical</b>	Is there in place an active risk management process .			
19.1.2	<b>Critical</b>	• Allocation of responsibilities.			
19.1.3	<b>Critical</b>	• Information on agrichemicals used			
19.1.4	<b>Critical</b>	• Documentation			
19.1.5	<b>Critical</b>	• Competent people			
19.1.6	<b>Critical</b>	• Internal audits, corrective action, improvement			
19.1.7	<b>Critical</b>	• Complaint process			

#### 19.2 Transport

19.2.1	<b>Minor</b>	Are loads protected from weather?			
19.2.2	<b>Minor</b>	Are loads secured in transit?			
19.2.3	<b>Minor</b>	Are agrichemicals segregated?			
19.2.4	<b>Minor</b>	Is appropriate safety equipment available			
19.2.5	<b>Minor</b>	Emergency information			
19.2.6	<b>Minor</b>	Are the agrichemicals identified?			
19.2.7	<b>Minor</b>	Are the hazards identified?			
19.2.8	<b>Minor</b>	Are the actions required in an emergency identified?			
19.2.9	<b>Major</b>	Are quantities greater than the MTQ values carried, or are agrichemicals carried for hire and reward? If yes:			
19.2.10	<b>Major</b>	Does the driver hold a current D endorsement on their drivers license?			
19.2.11	<b>Major</b>	Are vehicles correctly placarded (substances and mixed loads)?			
19.2.12	<b>Major</b>	Fire extinguishers carried (class 3 substances)			
19.2.13	<b>Major</b>	number and type			
19.2.14	<b>Major</b>	Is a correctly filled out DGD carried in the vehicle cab?			
19.2.15	<b>Minor</b>	If quantities carried exceed emergency response level 3, in addition to the documentation requirements are the persons responsible for emergency actions			
19.2.16	<b>Major</b>	Is there evidence that drivers have been instructed on procedures to follow in the event of a spill, fire crash or			

#### 19.3 Storage

##### 19.3.1 Location of the store

19.3.1.1	<b>Minor</b>	Is it away from hazards?			
19.3.1.2	<b>Minor</b>	Is it clear of other buildings, waterways or other sensitive areas?			

##### 19.3.2 Construction of the store

19.3.2.1	<b>Major</b>	Provisions to contain spills			
19.3.2.2	<b>Major</b>	Location Test Certificate (HSNO) (if class 3 trigger levels exceeded)			

19.3.2.3	<b>Major</b>	Fire extinguishers (number and type)			
19.3.2.4	<b>Minor</b>	Store ventilation			
19.3.2.5	<b>Minor</b>	Store lighting			
<b>19.3.3 Security</b>					
19.3.3.1	<b>Major</b>	Placarding (including hazardous substance – note that when trigger levels are exceeded for hazardous substances signage that meets HSNO Emergency Management and Identification Regulations is required.			
19.3.3.2	<b>Critical</b>	Controlled access (i.e. lockable)			
<b>19.3.4 Store Management</b>					
19.3.4.1	<b>Major</b>	Is the person responsible identified?			
19.3.4.2	<b>Major</b>	Are they competent?			
19.3.4.3	<b>Major</b>	Are all container labels intact and legible			
19.3.4.4	<b>Major</b>	Emergency management information available for all stored substances (e.g. PSC, SDS)			
19.3.4.5	<b>Major</b>	Current store manifest available Note: a manifest can be kept in the store provided that an “expected” manifest is available away from the store.			
19.3.4.6	<b>Major</b>	Records of tracked substances available (ID, quantity, location)			
19.3.4.7	<b>Major</b>	Substances segregated in store (insecticides, herbicides, fungicides)			
19.3.4.8	<b>Major</b>	No class 1 substances in the store			
19.3.4.9	<b>Major</b>	No animal feedstuff in the store			
19.3.4.10	<b>Major</b>	Liquids stacked below dry formulations, drums including 20 litre not more than 2 tiers high.			
<b>19.3.4 Emergency Response Plan</b>					
19.3.4.1	<b>Major</b>	Is there an appropriate Emergency Response Plan?			
19.3.4.2	<b>Major</b>	Are the actions of persons responsible identified?			
19.3.4.3	<b>Major</b>	Are they competent (evidence of training)			
19.3.4.4	<b>Major</b>	Spill kit available			
19.3.4.5	<b>Major</b>	Fire extinguishers available (number, type) (if required)			
19.3.4.6	<b>Major</b>	Smoke alarms fitted (class 3 substances if opened in store)			
19.3.4.7	<b>Minor</b>	Site plan available (if required)			
<b>19.3.5 Protective Equipment</b>					

19.3.5.1	<b>Major</b>	A minimum of gloves, overalls and eye protection available in the store			
19.3.5.2	<b>Major</b>	First Aid Kit available			
19.3.5.3	<b>Major</b>	Supply of clean water available			
<b>19.4 Use of Agrichemicals</b>					
<b>19.4.1 Responsibilities</b>					
19.4.1.1	<b>Major</b>	Are all agrichemicals used registered for that use?			
19.4.1.2	<b>Major</b>	Is information to enable safe use of agrichemicals readily available for all agrichemicals used?			
19.4.1.3	<b>Major</b>	Is an appropriate hazard identification and management plan operative?			
<b>19.4.2 Notification</b>					
19.4.2.1	<b>Critical</b>	Is there evidence that notification of agrichemical application is carried out?			
19.4.2.2	<b>Major</b>	Does the notification process meet the requirements of the relevant Regional Council			
19.4.2.3	<b>Major</b>	Is there a spray plan?			
19.4.2.4	<b>Major</b>	Applications of agrichemical in public places or amenity areas			
19.4.2.5	<b>Major</b>	Has the application been publicly notified?			
19.4.2.6	<b>Major</b>	Is onsite signage used?			
19.4.2.7	<b>Major</b>	Is there signage on application			
19.4.2.8	<b>Major</b>	Equipment?			
<b>19.4.3 Handling and mixing facilities mixing procedure</b>					
19.4.3.1	<b>Minor</b>	Is there a suitable place for measuring and mixing?			
19.4.3.2	<b>Minor</b>	Accurate measuring equipment?			
19.4.3.3	<b>Minor</b>	Spill kit?			
19.4.3.4	<b>Minor</b>	Supply of clean water?			
19.4.3.5	<b>Major</b>	Containment provision (e.g. bunding)			
19.4.3.6	<b>Minor</b>	Is the appropriate PPE worn?			
19.4.3.7	<b>Minor</b>	Does the procedure for opening containers minimize contamination risk?			
19.4.3.8	<b>Minor</b>	Are the correct procedures followed when adding measured amounts of agrichemical to the spray tank?			
19.4.3.9	<b>Minor</b>	Where agrichemical mixtures are used, what procedures are followed to check compatibility?			

<b>19.4.4 Application equipment</b>				
19.4.4.1	<b>Major</b>	Is the spray equipment appropriate for the task?		
19.4.4.2	<b>Major</b>	Accurately calibrated?		
<b>19.4.5 Application</b>				
19.4.5.1	<b>Minor</b>	Optimum droplet size?		
19.4.5.2	<b>Minor</b>	Configured for the target		
19.4.5.3	<b>Minor</b>	Able to deliver the required rate.		
19.4.5.4	<b>Critical</b>	Spray drift		
19.4.5.5	<b>Critical</b>	Have sensitive areas been identified before agrichemical application?		
19.4.5.6	<b>Major</b>	What evidence is available that the least hazardous application techniques are used for given tasks?		
19.4.5.7	<b>Major</b>	Are appropriate buffer zones used?		
19.4.5.8	<b>Major</b>	What evidence is available to show that weather (wind speed and direction) is monitored at the application site?		
<b>19.4.6 Documentation (do the records show)</b>				
19.4.6.1	<b>Major</b>	The identity of the agrichemical and the application rate used?		
19.4.6.2	<b>Major</b>	The weather conditions at the application site?		
19.4.6.3	<b>Major</b>	The location of the application site (note: for tracked substances records of use must be kept for 3 years)?		
19.4.6.4	<b>Minor</b>	The applicators name and address?		
19.4.6.5	<b>Minor</b>	Equipment used?		
<b>19.4.9 Competency</b>				
19.4.9.1	<b>Critical</b>	Are those who handle, mix or apply agrichemicals competent		
19.4.9.2	<b>Critical</b>	A minimum of a current GROWSAFE® Introductory Certificate or equivalent?		
19.4.9.3	<b>Critical</b>	A current Approved Handler Certificate where substances used require that (HSNO Regulations)?		

<b>19.5 Disposal</b>					
<b>19.5.1 Storage prior to disposal (If appropriate)</b>					
19.5.1.1	Major	Are all unwanted agrichemical concentrates stored securely prior to disposal?			
19.5.1.2	Major	Are all unwanted agrichemicals in sound appropriate containers?			
19.5.1.3	Major	Are all empty containers triple rinsed and stored securely prior to disposal?			
<b>19.5.2 Disposal Methods (If appropriate)</b>					
19.5.2.1	Major	What disposal method for unwanted agrichemical concentrates is used (indicate one & N/A others):			
		Return to manufacturer			
		Local body collection			
		Landfill			
		Commercial disposal			
		Secure storage			
Other					
19.5.2.2	Major	Is the method acceptable for class 6 and class 9 substances?			
<b>19.5.3 Surplus spray mix</b>					
19.5.3.1	Minor	What disposal method is used (indicate one & N/A others):			
		Diluted and sprayed onto the target crop or waste land?			
		Stored for later use?			
		Other (specify)?			
19.5.3.2	Minor	Are with-holding periods for the disposal area observed?			
<b>19.5.4 Containers</b>					
19.5.4.1	Major	Does the method comply with the local Regional Council rules?			
19.5.4.2	Minor	What method of disposal is used (indicate one & N/A others)			
		public landfill			
		private landfill			
		Burning			
		Other (specify)			
<b>19.5.5 Documentation – tracked substances</b>					
19.5.5.1	Major	Is there a record for the container disposal			
19.5.5.2	Major	Is there a record for the concentrate			
<b>19.5.6 Competency</b>					

19.5.6.1	Major	What evidence is there that those responsible for the disposal of agrichemicals/containers are competent? eg Current GROWSAFE Certificate, Approved Handler, other training records (specify)			
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<b>19.6 Emergency Preparedness</b>					
<b>19.6.1 Responsibilities and manifest</b>					
19.6.1.1	<b>Major</b>	Is the person in charge identified?			
19.6.1.2	<b>Major</b>	Is there a manifest for all hazardous substances held on site?			
19.6.1.3	<b>Major</b>	Does the manifest record the appropriate information			
19.6.1.4	<b>Major</b>	Do the quantities held trigger emergency response level 3?			
19.6.1.5	<b>Major</b>	If yes: Is there an emergency response plan?			
<b>19.6.2 Plan</b>					
19.6.2.1	<b>Minor</b>	Does the plan include a description of actions to be taken?			
19.6.2.2	<b>Minor</b>	Are persons with specified tasks identified, and are their contact details and the tasks stated?			
19.6.2.3	<b>Minor</b>	Does the plan say where the information about hazardous substances is kept, where the equipment needed in an emergency is located, and how to contact the emergency services?			
19.6.2.4	<b>Minor</b>	Is there a site plan showing the location of hazardous substance, storage, fire extinguishers, emergency assembly areas, and details of the evacuation system?			
19.6.2.5	<b>Minor</b>	Do the fire extinguishers meet requirements (number, location and type)			
19.6.2.6	<b>Minor</b>	Has the plan been tested within the last 12 months?			
<b>19.6.3 Competency</b>					
19.6.3.1	<b>Major</b>	Are those responsible for taking the emergency actions competent? (e.g. Current GROWSAFE Certificate, Approved handler?			