


BIOSAFETY MANUAL



	Document no.: RTPC2/SOP7	Edition/Revision: 1/0
		1 of 2
Transfer of Non-GM Plant(s) (in and out)		Effective Date: March 2013 Date of Revision: NA
Prepared by: Siti Fatimah bt Mohd Mokhtar (SOP Committee)	Reviewed and approved by: Dr Goh Hoe Han (Head of SOP Committee)	
<u>Purpose of procedure</u> This procedure has been developed to prevent unintentional release of GM Plant(s) to the environment		
<u>Scope</u> This procedure only applied to all authorised users and visitors of the greenhouse		
<u>Responsibilities</u> The RTPC2 manager to ensure transportation of plant material in and out of facility are handle according to the specified guidelines		
<u>Steps:</u> <i>Non-GM Plants</i> Transferring Non-GM Plants in: <ol style="list-style-type: none"> 1. User should acquire approval from facility manager one week prior to transfer in of Non-GM Plant(s) 2. After receiving approval for greenhouse space, you must notify RTPC2 management 2 days in advance of bringing plant(s) into greenhouse 3. Non-GM Plant(s) to be transferred in must be recorded upon entry (Appendix 5.11) 4. Non-GM Plant(s) must be properly labelled in the greenhouse Transferring Non-GM Plant(s) out: Non-GM Plant(s) must not be removed from the facility if there is a concurrent research activity dealing with GM Plant(s) occurring in the facility unless: <ol style="list-style-type: none"> 1. Non-GM Plant(s) are growing in a separate/ isolated compartment not containing any GM Plant(s) (e.g. physical or temporal separation, ensuring any contaminated surfaces are decontaminated prior to commencing different works) 2. The containers must be decontaminated with alcohol ethanol 70% v/v (ethyl alcohol 80% v/v) or propan-2-ol (isopropyl alcohol 60-70% v/v) solutions or 10% (v/v w/water) dilution of household bleach prior to removal from facility (Refer to SOP 16) 3. Records must be kept that account for the sending and receiving of the containers (Appendix 5.11) 4. If mixing or cross-contamination of any other work by GM Plant(s) occurs, or is suspected to have occurred, then the other work must be handled and disposed of in accordance with the conditions of certification, as if it were dealing with GM Plant(s) 		

Tools & Equipment**Transferring in and out:**

1. Any tools and equipment transported in or out of the facility must be decontaminated by autoclaving
2. If autoclaving is not possible, the tools and equipment must be decontaminated with alcohol ethanol 70% v/v (ethyl alcohol 80% v/v) or propan-2-ol (isopropyl alcohol 60-70% v/v) solutions or 10% (v/v w/water) dilution of household bleach

Reference: AS/NZS 2243.3:2002

<http://www.adelaide.edu.au/mbs/safety/biosafety/pc2manual.pdf>

Jim Kennedy, Jo Bek, Dee Griffin. Selection and Use of Disinfectants, 2000

Training required

Training in the safe handling, storage, transport and disposal of such material, and in emergency procedures in the event of exposure and spills

Location

RTPC2 facility and research laboratory