

MALAYSIA COUNTRY PAPER REPORTING







SALB workshop 2012 - Penang, Malaysia 05/08/2012

RUBBER STATISTICS (2009)

	Estates	Smallholdings	Total
Planted area (ha)	49,740	958,907	1,008,647
Productions (m/tonne)	56,771	800,791	857,562
Producers (no. /%)	6.5%	93.5%	100%

Source : Annual Rubber Statistics Malaysia 2010
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IMPORTANT RUBBER DISEASES

No.	Disease	Pathogen	Plant parts affected
1.	Corynespora leaf fall	<i>Corynespora cassiicola</i>	leaves
2.	Antracnose/ Colletotrichum leaf fall	<i>Colletotrichum gloeosporioides</i>	leaves
3.	Phytophthora leaf fall	<i>Phytophthora palmivora, P. botryosa</i>	Leaves
4.	Oidium leaf fall/Powdery mildew	<i>Oidium heveae</i>	leaves

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IMPORTANT RUBBER DISEASES

No.	Disease	Pathogen	Plant parts affected
5.	Fusicocum leaf	<i>Fusicocum</i> sp.	Leaves
6.	Pink disease	<i>Corticium salmonicolor</i>	Stem
7.	Black stripe	<i>Phytophthora palmivora</i>	Panel
8.	White root	<i>Rigidoporus lignosus</i>	Root

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IMPORTANT RUBBER DISEASES

No.	Disease	Pathogen	Plant parts affected
9.	Red root	<i>Ganoderma philippii</i>	Root
10.	Brown root	<i>Phellinus noxius</i>	Root

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SOUTH AMERICAN LEAF BLIGHT

■ Available expertise:

Particular	Name	Organization	Contact
Trained personal on SALB:	Dr. Ismail Hashim	Consultant	
Personal exposed to SALB (went to Brazil) :	1. Dr. Chee K.H. 2. Dr. Ismail Hashim 3. Mr. Samsuri Mohd. Hidir 4. Mrs. Asnah Booty	Consultant Consultant Pathologist – MRB Former Director For CP&PQD, DOA, P. Msia	
	5. Datin Jatih Aliah Timin 6. Mr. Ho Haw Leng 7. Etc. more than 10	DOA, P. Msia DOA, P. Msia	
Personal who attended workshop on SALB :	1. Mr. Yusof Othman 2. Mrs. Atikah Abdul Kadir Jailani 3. Mr. Michael Ranger 4. Mrs. Julia Lamdin 5. Dr. Masahuling Benong 6. Etc. more than 30	DOA, P. Msia DOA, P. Msia DOA, Swak DOA, Sbh. MRB	+603-26977210 +603-20301417

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■ Diagnostic facilities expertise:

Laboratory	Containment level	Test that can be perform	Contact person
PEQ Laboratory Serdang	Quarantine level 2	Cultural and Morphological Test Serological test Molecular test - PCR	Mr. Yusof Othman Deputy Director
Crop Protection & Plant Quarantine Laboratory Division, Kuala Lumpur	Quarantine level 1	Cultural and Morphological Test Serological test Molecular test – PCR Sequencing for DNA	Crop Protection & Plant Quarantine Division, Tel : +603-20301403 Email : yusofothman@doa.gov.my
Malaysia Rubber Board (MRB), Sungai Buloh, Selangor	Quarantine level 1	Cultural and Morphological Test Serological test Molecular test – PCR Sequencing for DNA	

PAST ACTIVITIES ON SALB

Activities	Detailed Activities
Research – plant breeding	MRB – Dr. Chee K.H. have been there for more than 10 years, Dr. Ismail more than 8 years doing pathological research in Brazil on SALB. This research had been done at sub unit station research in Trinidad & Tobago and later in Brazil. MRB had also conducted some breeding trial on the plant to develop sub resistance clone.
Training experience	3 workshops on SALB conducted by Malaysia : i. Workshop on Guidelines on Prevention of Introduction of SALB on rubber, Kuala Lumpur 2010. ii. Workshop to develop training program & reference materials for protection against SALB in Melaka, Malaysia 2011. iii. Workshop on training of trainers on Protection against SALB of rubber in the Asia Pacific Region 2012.

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PAST ACTIVITIES ON SALB

Activities	Detailed Activities
Public awareness program	Phamplet, poster Uploading poster on SALB into DOA website. (http://www.doa.gov.my/web/guest/pengumuman_Penyakit_Hawar_Daun_Amerika_Selatan_Mengancam_Tanaman_Getah_Negara)
Training program in country	i. Workshop on the prevention of introduction of SALB of Rubber, Kuala Lumpur. ii. Workshop to develop training program & reference materials for protection against SALB in Melaka, Malaysia. iii. Workshop on training of trainers on Protection against SALB of rubber in the Asia Pacific Region.
Availability of trainers and training material(s)	Yes. Several trainers. We have training materials for training and also awareness program.

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LAW & LEGISLATION

Plant Quarantine Act 1976

Plant Quarantine Regulations 1981

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IMPORT REQUIREMENT

	All plant species of rubber (Hevea) from all countries except SALB countries.	All plant species of rubber (Hevea) that can be germinated and grow from SALB countries.	All seed from Hevea species from SALB countries.	Any plant from Hevea species that cannot be germinated and grow (exp: fresh herbarium or dried) from all country.	Any other plant other than rubber from SALB countries.
IMPORTATION ARE PROHIBITED EXCEPT :					
	Reg. Num. 6. (1)	Reg. Num. 6. (2)	Reg. Num. 6. (3)	Reg. Num. 6. (4)	Reg. Num. 7
1.	Allowed for research purposes only, refer to MRB for import recommendation.	Allowed for research purposes only, refer to MRB for import recommendation.	Allowed for research purposes only, refer to MRB for import recommendation.	Allowed for research purposes only, refer to MRB for import recommendation.	Allowed for research purposes only.
2.	Require Import Permit from DOA	Require Import Permit from DOA	Require Import Permit from DOA	Require Import Permit from DOA	Require Import Permit from DOA

IMPORT REQUIREMENT

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3.	Require phytosanitary certificate from NPPO exporting country.	Require phytosanitary certificate from NPPO exporting country.	Require phytosanitary certificate from NPPO exporting country.	Require phytosanitary certificate from NPPO exporting country.	Require phytosanitary certificate from NPPO exporting country.
4.	Consigned to Director General of Agriculture.	Consigned to Director General of Agriculture.	Consigned to Director General of Agriculture.	Consigned to Director General of Agriculture.	Consigned to Director General of Agriculture.

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IMPORT REQUIREMENT

	All plant species of rubber (Hevea) from all countries except SALB countries.	All plant species of rubber (Hevea) that can be germinated and grow from SALB countries.	All seed from Hevea species from SALB countries.	Any plant from Hevea species that cannot be germinated and grow (exp: fresh herbarium or dried) from all country.	Any other plant other than rubber from SALB countries.
5.	Free from pest and diseases.	Intermediate post-entry quarantine at other country believed to be free from SALB for a period of time (exp : Paris, London).	Inspected and had been done quarantine treatment at country believed to be free from SALB disease.	Quarantine treatment at the exporting country.	Intermediate post-entry quarantine at other country believed to be free from SALB for a period of time (exp : Paris, London).
6.	-	Free from pest and diseases.	Repacking with new packing material and the previous packing material have to be destroyed.	Free from pest and diseases.	Free from pest and diseases.
7.	-	-	Free from pest and diseases.	-	-

IMPORT REQUIREMENT

- ❑ Importation all agriculture products (fresh cut flowers/fresh fruits etc.) from SALB countries are prohibited.
- ❑ However, importation of cocoa bean, soya bean, coffee bean processed and dried for consumption from SALB countries are allowed through issuance of IP & PC **but, the consignment can only be released to the importer after 30 days from the date of export from country of origin.**

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SPECIFIC TRAINING PROGRAM ON SALB

Num.	Title	Year	Num. of Participant
1.	Workshop on the prevention of introduction of SALB of Rubber, Kuala Lumpur.	2010	39
2.	Workshop to develop training program & reference materials for protection against SALB in Melaka, Malaysia.	2011	30
3.	Workshop on training of trainers on Protection against SALB of rubber in the Asia Pacific Region.	2012	36
4.	Stakeholders meeting dialogue with Minister	2012	100

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SPECIFIC TRAINING PROGRAMME ON SALB

Plan on Training Program:

1. Hands-on training in Brazil – plant pathologist (DOA, MRB), quarantine officer (July, 2013).
2. DOA training/public awareness :
 - the officers & staff – DOA, MRB, MAQIS, Custom, Immigration, MITI, RISDA etc. (Oct, 2012)
 - Importers, exporters, airlines travel, industry tourism, public – symposium, leaflet (Nov, 2012)
 - Advertisement – newspaper, electronic media. (March – July, 2013)
 - Evaluation form. Public personal opinion.
3. Complete diagnostic aid for consignment inspection. (Jan-Jun, 2013)
4. Surveillance program – reference for MAQIS, DOA, MRB, RISDA (March-Sep. 2013).

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SPECIFIC TRAINING PROGRAMME ON SALB

5. Review and update the current SALB contingency plan (Jan-March, 2013).
6. Pictorial pocket booklet – reference for MAQIS, DOA, MRB, RISDA (Jan-March, 2013).
7. SALB blog – a place where transferring knowledge and public awareness can be deliver to public (Nov-Jan. 2013)

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RECOMMENDATION

1. Malaysian government collaborate with Brazil Government (NPPO) on research of SALB molecular diagnostic in Brazil.
2. Funding – FAO/MOSTI/EPU/National authority.
3. National Coordinating meeting - DOA, MRB, MAQIS, Custom, Immigration, MITI, RISDA etc.
4. Upgrade existing lab (central lab and satellite lab) for the SALB diagnostic (detect and identify) - (PEQ, Pathologist lab, MAQIS entry point etc.).
5. Bilateral with SALB countries
6. Mutual collaboration – among Asia-Pacific Region

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RECOMMENDATION

7. Collaboration DOA with MRB, RISDA to conduct detection survey in rubber plantation.
8. Reporting of surveillance on the status of SALB in each country every year.
9. Conduct for mock trial for implementation of eradication program.

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Think Smart!

*The end... will be continue
... soon... ..terima kasih.*

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