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Keep the faith: Progress in developing commercially viable CMD resistant varieties for Asia



Webinar Series No 1

Dr. Jonathan Newby

Cassava Program Coordinator for Asia



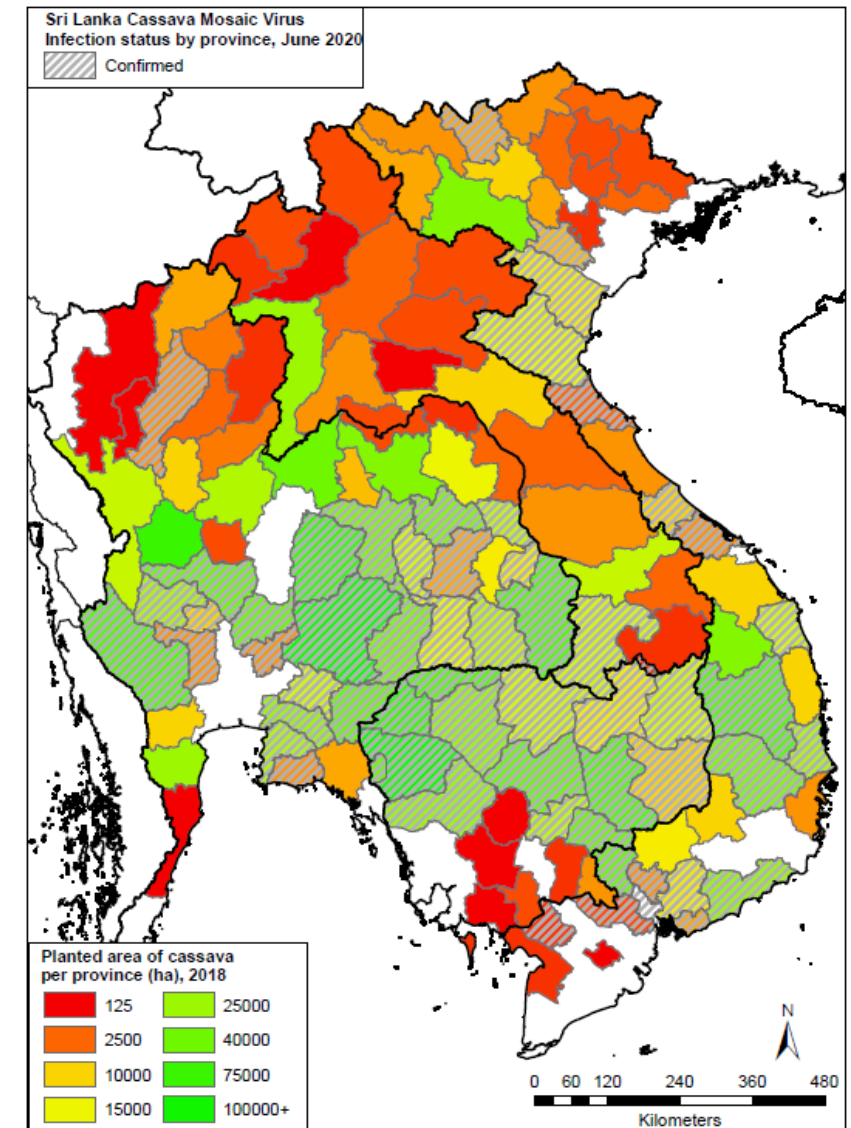
December 11th 2015

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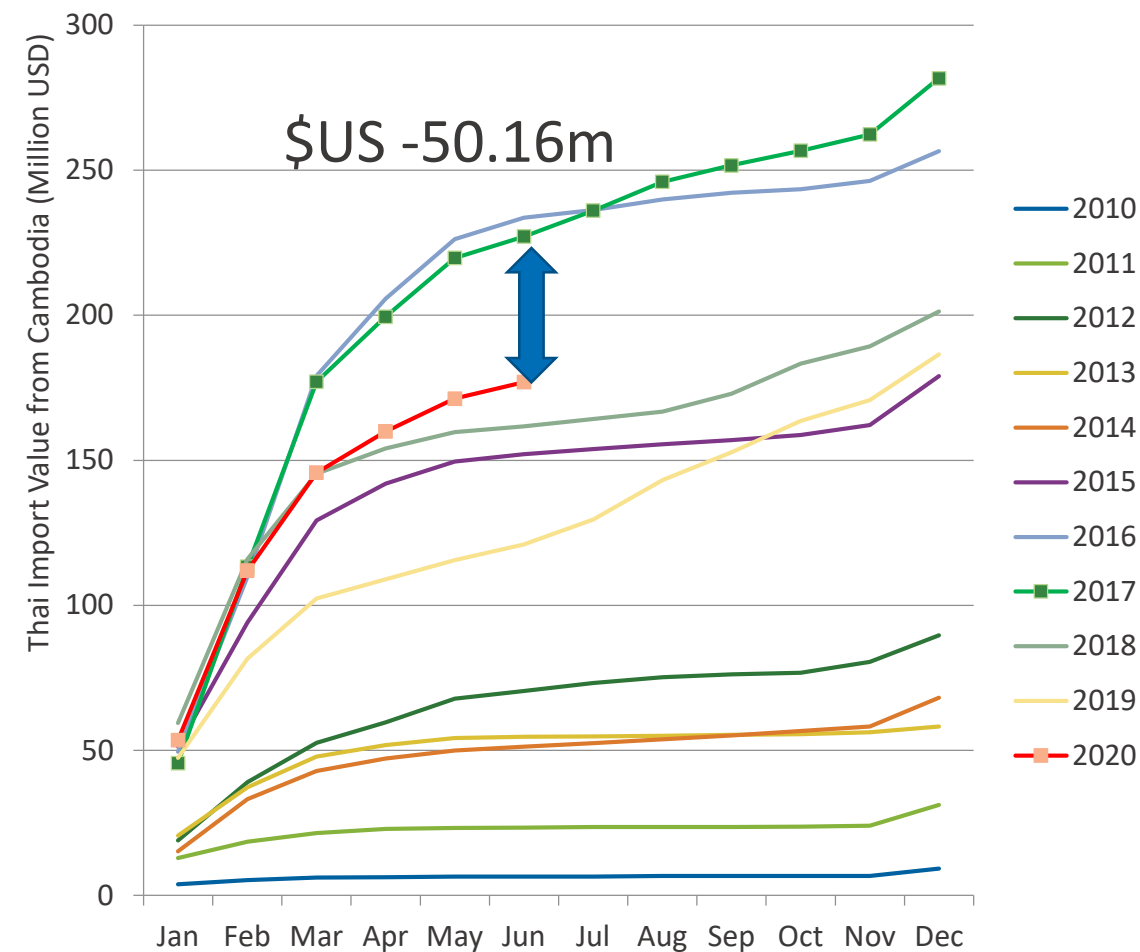
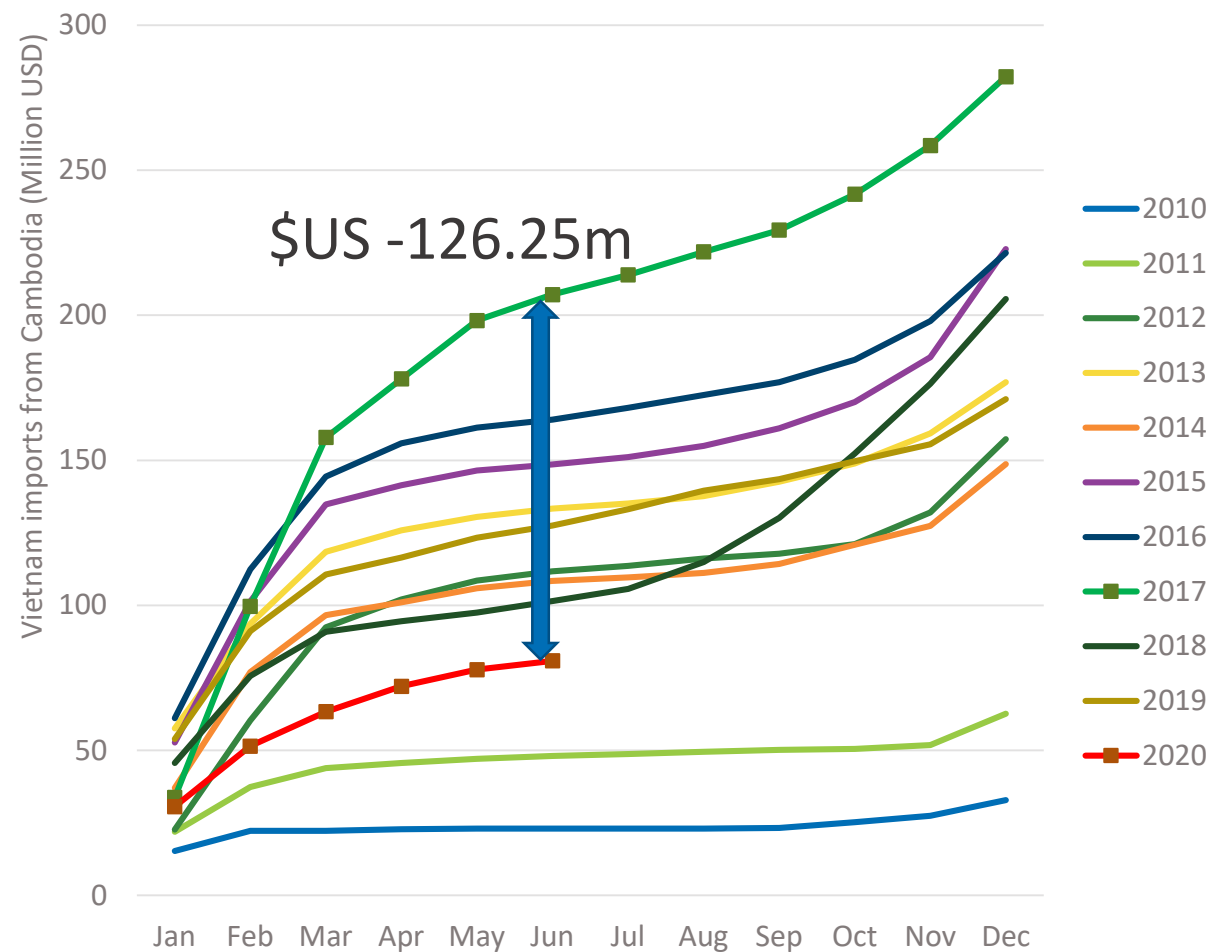


Status of CMD in Mainland SE Asia

	First reported	Number of provinces	Estimated cassava area	Impacted area
Cambodia	May 2015	14	587,119ha	??
Vietnam	May 2017	19	519,300 ha	~57,000ha
Thailand	July 2018	25	1,048,658ha	~56,335 ha
Lao PDR	July 2020	1	101,494 ha	<10ha
Myanmar	NA	0	33,387ha	NA
Total		59	2,289,958ha	???



Decline in the value of Cambodia cassava exports*

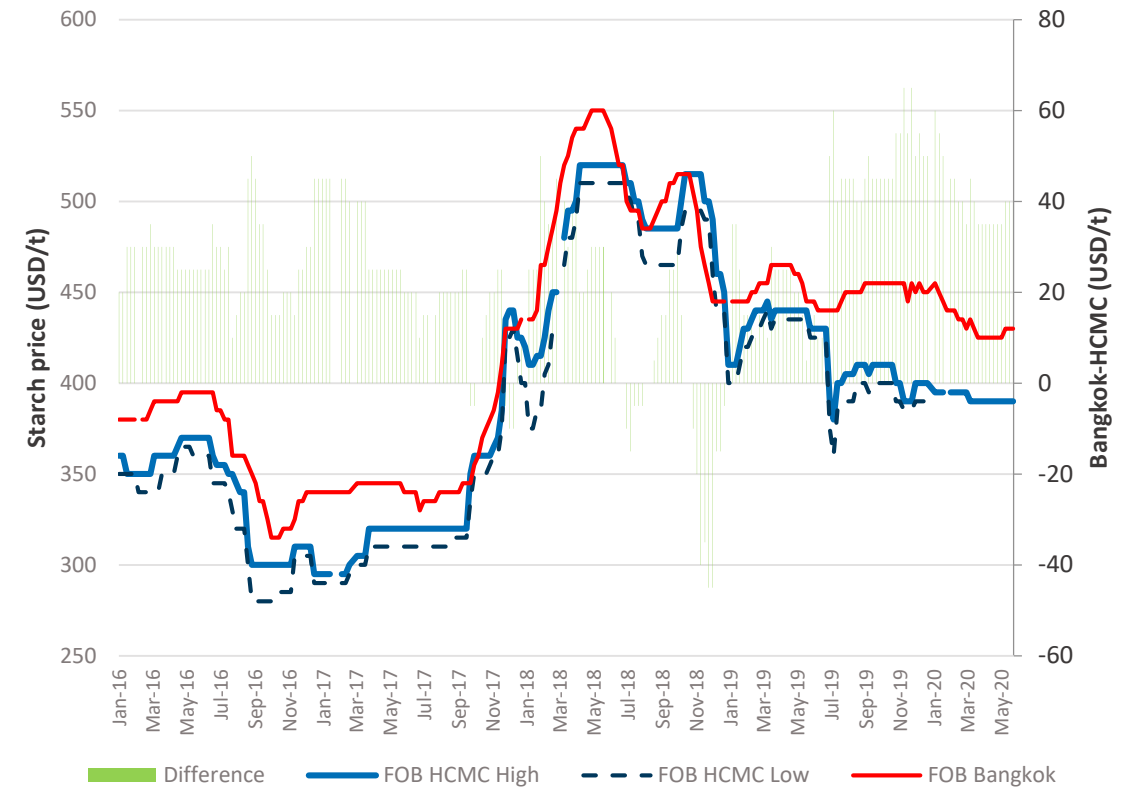
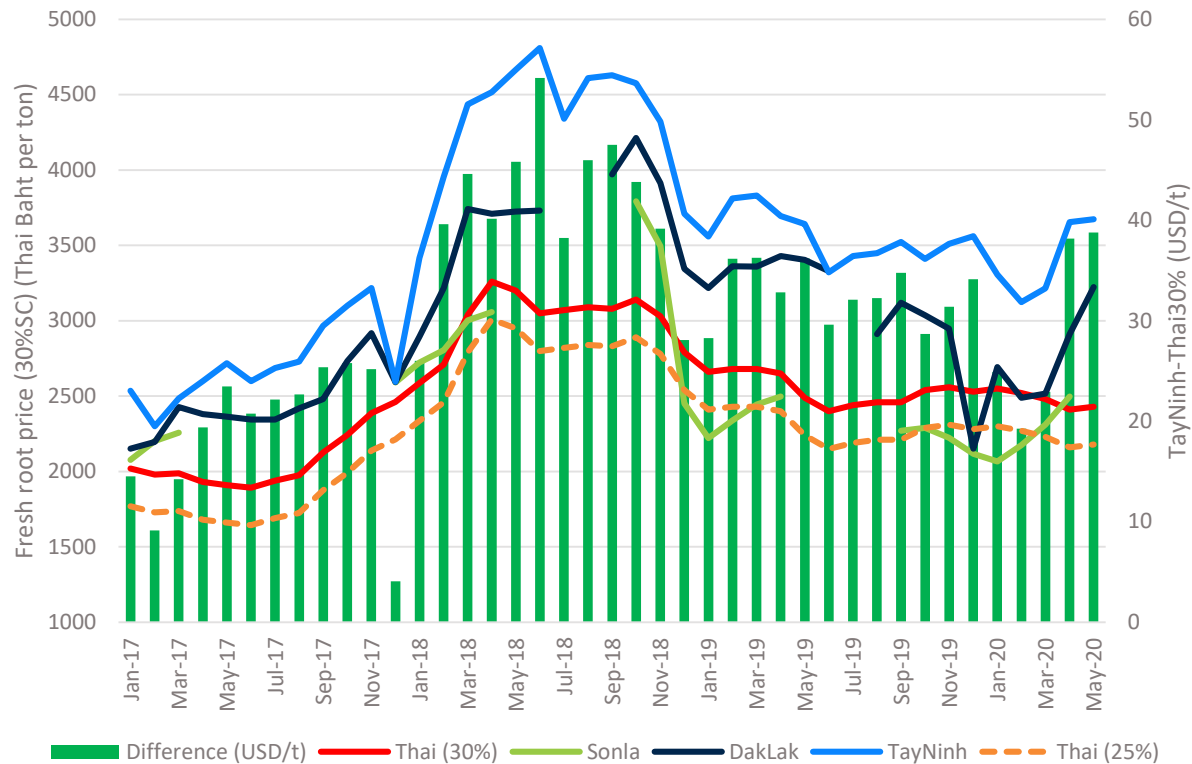


* Not all due to CMD. Area change, drought, changes in price

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Impact on prices and industry competitiveness



Impact on rural livelihoods



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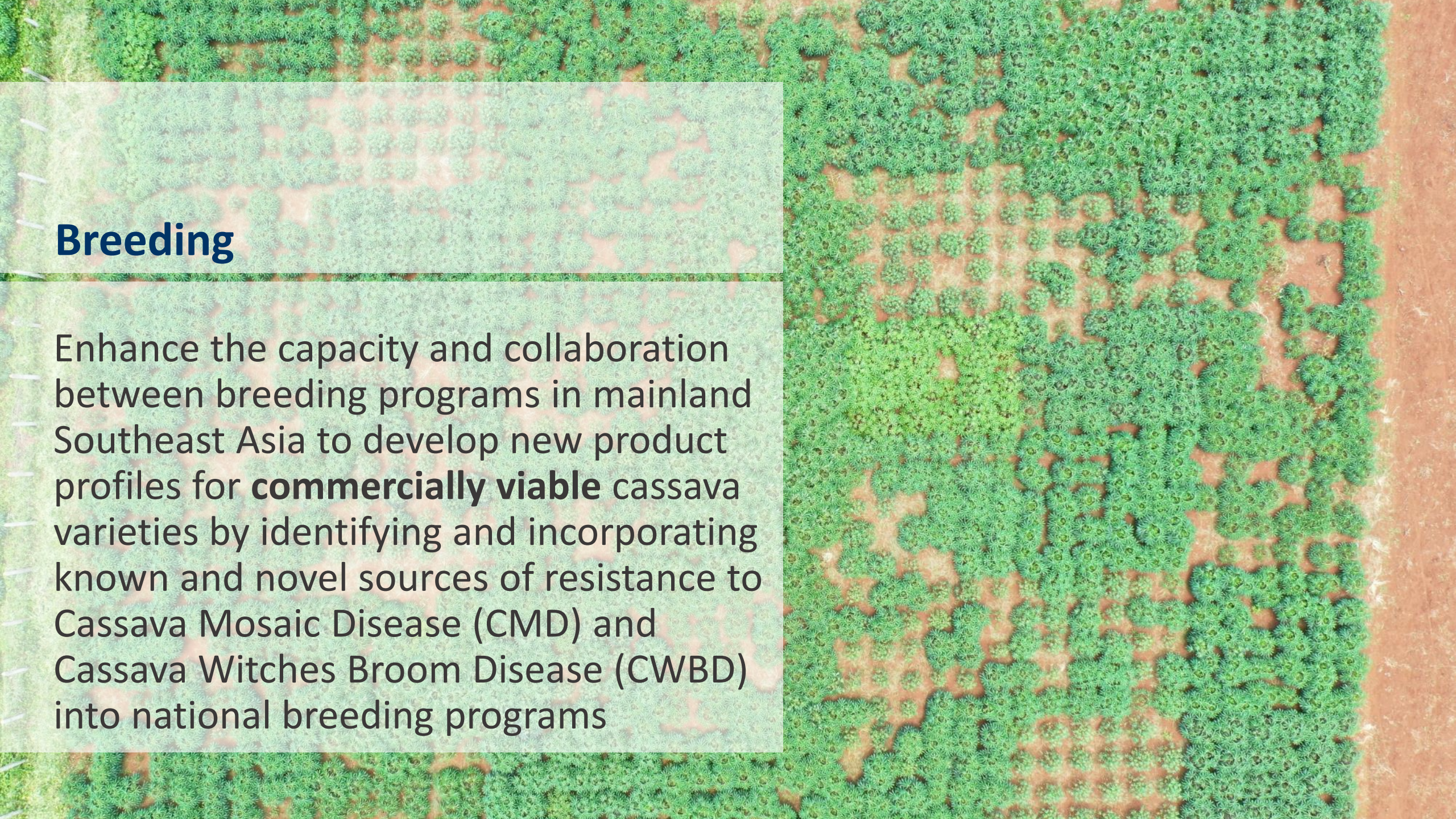
Establishing sustainable solutions to cassava disease in mainland Southeast Asia



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Breeding

Enhance the capacity and collaboration between breeding programs in mainland Southeast Asia to develop new product profiles for **commercially viable** cassava varieties by identifying and incorporating known and novel sources of resistance to Cassava Mosaic Disease (CMD) and Cassava Witches Broom Disease (CWBD) into national breeding programs



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Establishing sustainable solutions to cassava disease in mainland Southeast Asia



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<https://cassavadiseasesolutionsasia.net/webinar-series/>

<https://www.facebook.com/groups/2394808117512232>

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Program for the webinar

1. Introduction – Jonathan Newby (Project Coordinator)
2. Sources of CMD resistance in South East Asia – Dr. Xiaofei Zhang (Cassava Breeder CIAT, Colombia)
3. CMD Breeding Activities in Thailand – Associate Professor Ed Sarobol (Emeritus Professor Kasetsart University, Thailand)
4. Update of CMD resistant screening in Vietnam - Dr Nguyễn Anh Vũ (Group Leader, AGI Hanoi)
5. Discussion (25mins)