Kingdom of the Netherlands



**Innovating Agriculture** 







Supported By:

HOW MALAYSIA COULD BECOME A HIGH TECH AGRICULTURE HUB : Overview of DoA Initiative & Opportunies

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## ROLE DEPARTMENT OF AGRICULTURE



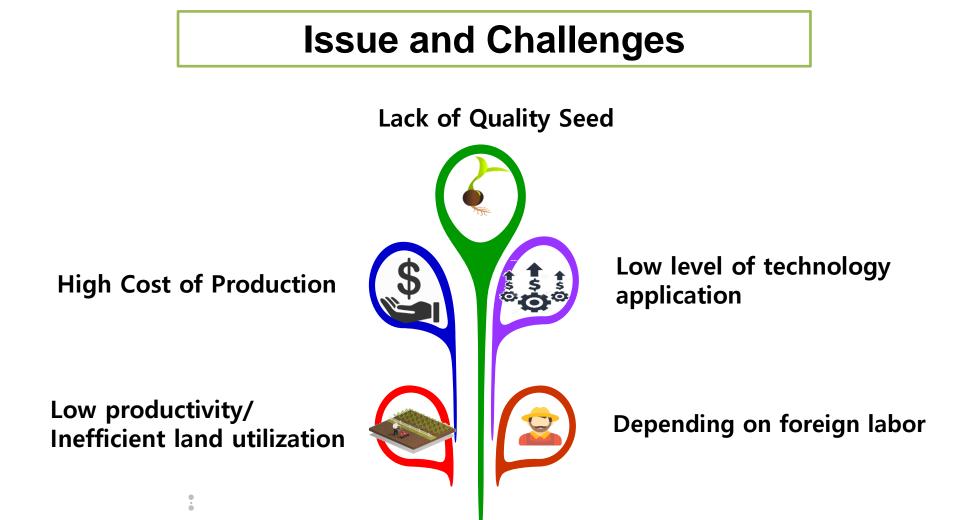
Expedite the agriculture transformation process as a modern sector, dynamic and commercially viable

#### Ensure food production are safe, sufficient and affordable

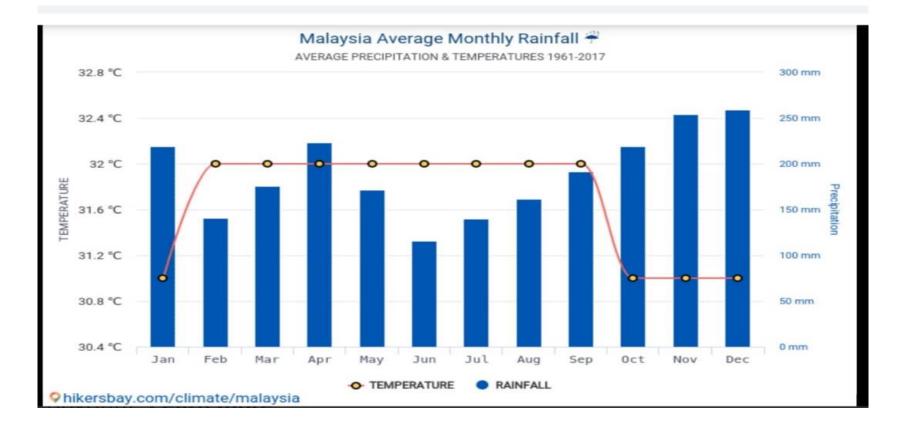
Provide one stop agricultural consultation and technical support services Participate in international forums, two way communication and technical collaboration

Enhance the development of human capital for agricultural sector

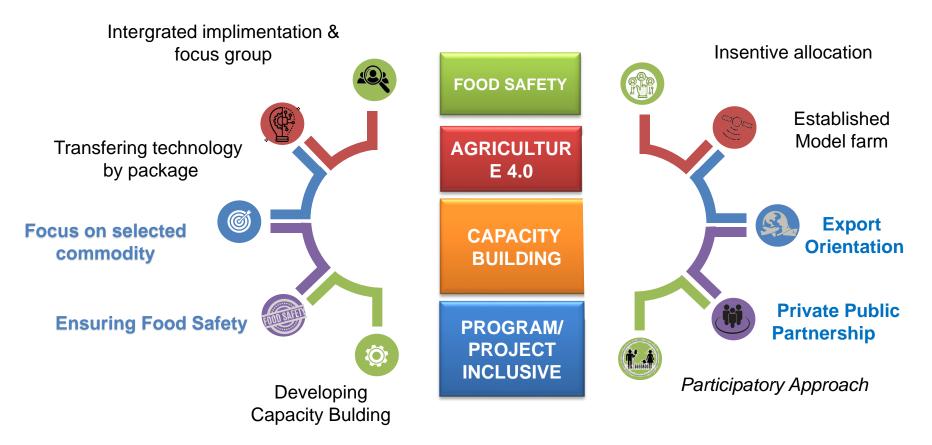
Protect the country's interest agriculture industry



#### GOOD AGROCLIMATIC CONDITION FOR TROPICAL FRUIT PRODUCTION



## DEPARTMENT OF AGRICULTURE APPROCH



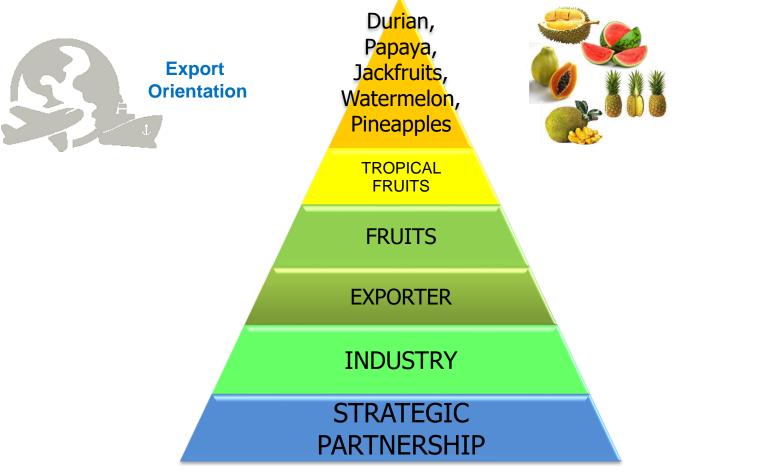


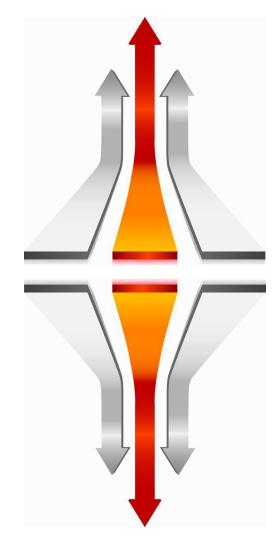
# Quality and Safety Quality Certificatio n





## STRATEGY DEPARTMENT OF AGRICULTURE





## **Target Comodity Crop for Export**

- DURIAN
- PINEAPPLE
- JACKFRUIT
- PAPAYA
- WATERMELON









# **Export and Import**



Average Export: 12.29%

Export value Malaysia's tropical fruits has increased from RM 0.82 Bill. in 2015 t o RM1.124 bilion in 2018 with avarage increasing rate at 12.29% meanwhile v alue import tropical fruits is also increase at 9.95% per year from RM1.103 Bill i n 2015 to RM1.432 Bill, in 2018



Average : 9.95 %



alue amounting RM2.791 billion in 2025

e and decreasing import value, it projected to contribute national busines v

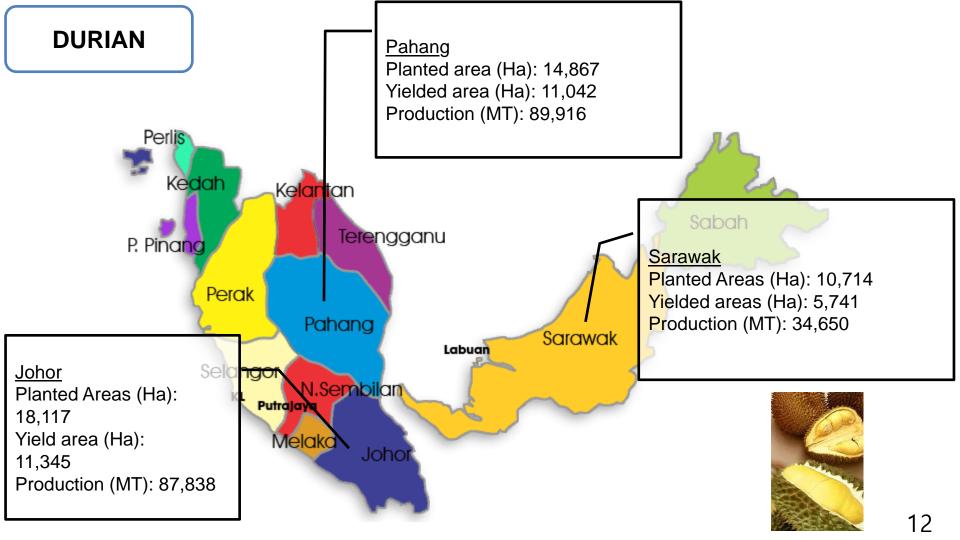


## **Reduce Import**

#### **DURIAN FORECAST**



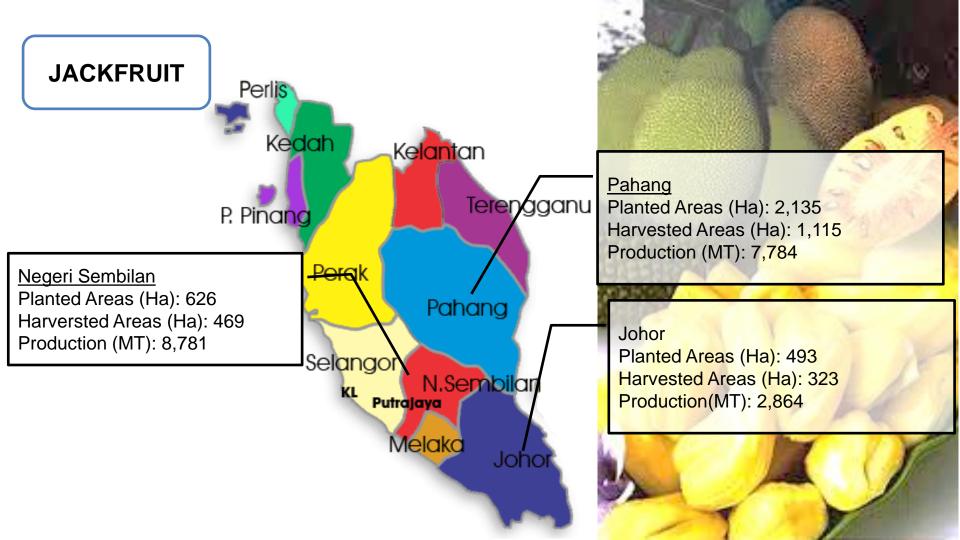
	2018	2019	2020	2021	2022	2023	2024	2025
SSL	104.8	103.6	103.6	103.7	103.8	103.9	103.9	104.0
Planted Areas (Ha)	70,002	70,286	70,356	70,427	70,497	70,567	70,638	70,709
Harversted (Ha)	45,347	45,192	45,282	45,373	45,464	45,554	45,646	45,737
Production (tan)	341,332	377,283	384,828	394,680	404,784	415,146	425,774	436,674
Productivity	7.2	8.3	8.5	8.7	8.9	9.1	9.3	9.5



#### JACKFRUIT FORECAST



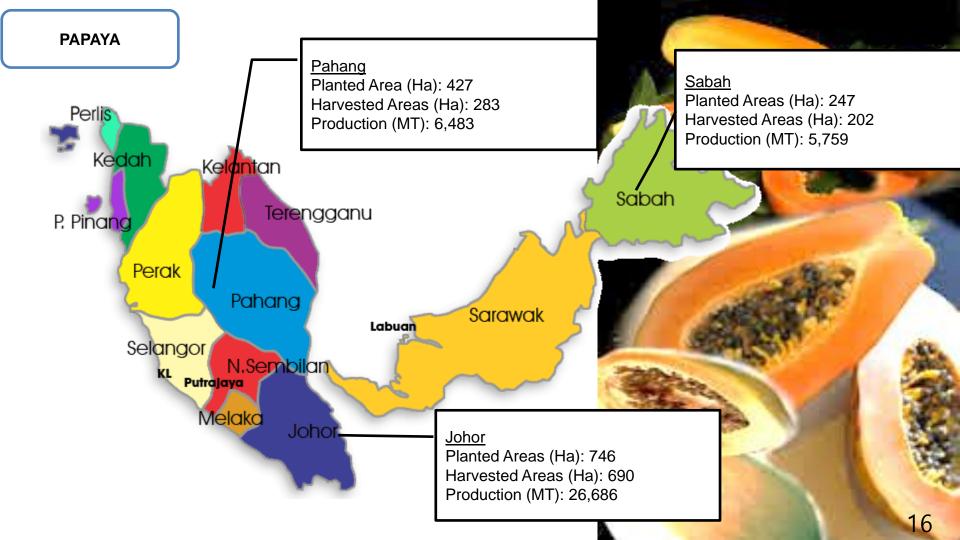
	2018	2019	2020	2021	2022	2023	2024	2025
SSL	123.4	124.5	125.8	127.3	128.8	130.6	132.4	134.4
Planted Area(Ha)	4,895	4,657	4,657	4,657	4,657	4,657	4,657	4,657
Harvest Areas (Ha)	2,979	3,426	3,700	3,701	3,702	3,704	3,705	3,706
Production (Tan)	31,023	31,431	31,764	31,904	32,064	32,224	32,385	32,547
Productivity (T/Ha)	9.10	9.2	8.6	8.6	8.7	8.7	8.7	8.8



#### PAPAYA FORECAST



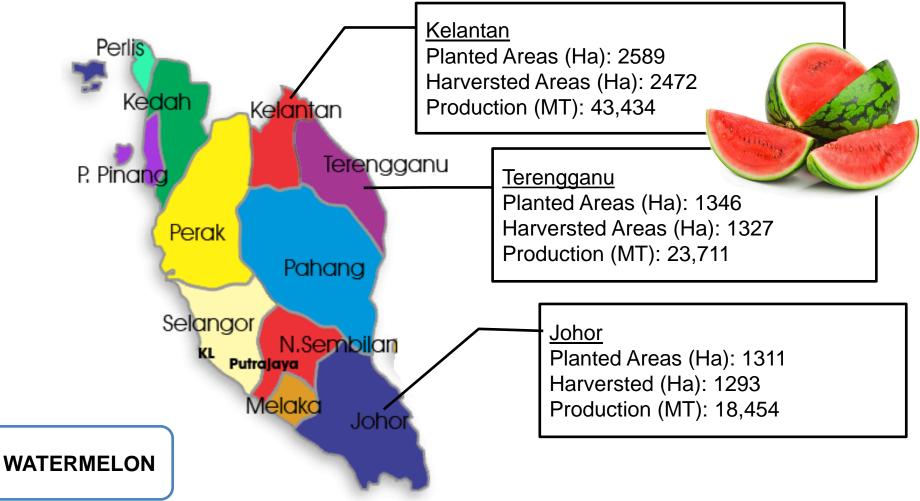
	2018	2019	2020	2021	2022	2023	2024	2025
SSL	150.2	150.1	150.1	150.7	151.3	151.9	152.6	153.2
Planted Areas(Ha)	2,242	2,529	2,567	2,606	2,645	2,684	2,725	2,766
Harvested Area (Ha)	1,839	2,194	2,216	2,238	2,260	2,283	2,306	2,329
Production (Tan)	52,551	53,681	54,755	55,412	56,077	56,750	57,431	58,120
Productivity (T/Ha)	23.6	24.5	24.7	24.8	24.8	24.9	24.9	25.2



## WATERMELON



	2018	2019	2020	2021	2022	2023	2024	2025
SSL	154.3	166.4	171.2	176.1	181.4	187.4	194.90	201.3
Planted Areas (Ha)	11,748	10,277	10,724	10,725	10,727	10,728	10,729	10,731
Harvested Areas (Ha)	10,685	9,181	9,640	9,641	9,642	9,643	9,645	9,646
Production (Tan)	172,658	160,295	161,898	163,922	165,971	168,046	170,146	172,273
Productivity	16.2	17.5	16.8	17.0	17.2	17.4	17.6	17.9



# MARKETACCESS





#### JACKFRUITS

- Indonesia
- Vietnam
- Kanada
- Taiwan
- Japan (*frozen*)
- New Zealand (under negotiatio n)
- China (under negotiation)
- USA (under negotiation)
- Australia (under negotiation)

#### DURIAN

- Australia (fresh, frozen,chilled pulp)
- Taiwan (frozen,chilled pulp)
- China(frozen, pulp and paste)
- Indonesia (fresh)

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- Japan (fresh, frozen)
- Korea Selatan (fresh, frozen)
- New Zealand (under negotiation)
- USA (frozen)

#### ΡΑΡΑΥΑ

- Kanada
- China
- Australia (under negotiation)
- Korea Selatan (under negotiation)
- USA (under negotiation)
- Japan (under negotiation)
- New Zealand (under negotiation)



#### WATERMELON

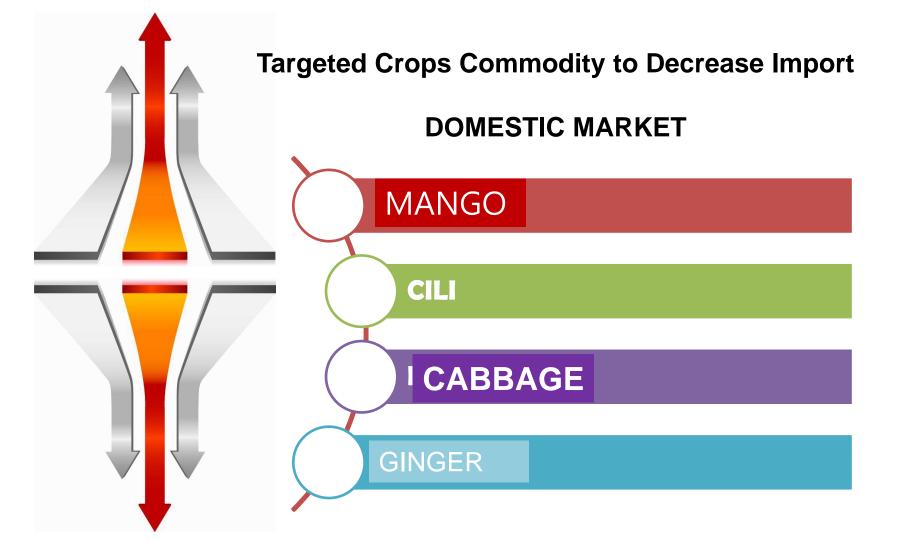
- Kanada,
- China,

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- Indonesia,
- Taiwan
- Japan (under negotiation)
- New Zealand (under negot iation)



# **OPPORTUNITIES**

#### To Be STRATEGIC PARTNERSHIP

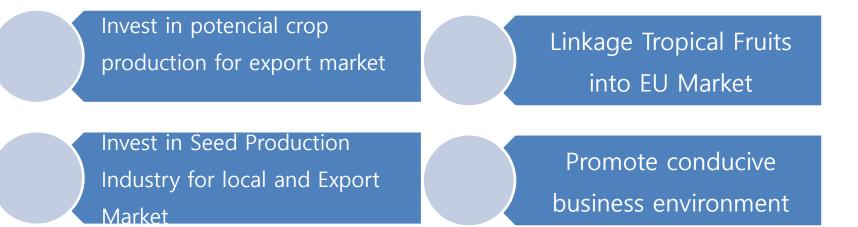
		Scope			
Crops Research & Development	Mechanization , Automation & IOT Breeding & Seeds Production		Soil Fertility and & Plant Nurition	Pesticides	
Pests & Diseases	Post Harvest Technology	Agricultural Extension	Urban Agriculture	Capacity Building	

**Enza Zaden Seed Production Plant** 

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## WAY FORWARDS



Transfer Dutch technolgy to boost agriculture production

Strategic Parnership between Dutch Company, DOA and Local Company



# Thank You



WISMA TANI