



KEMENTERIAN PERUSAHAAN PERLADANGAN DAN KOMODITI  
*Ministry of Plantation Industries and Commodities (MPIC)*



# AGRICOMMODITY **POCKET** STATS

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"Source: Ministry of Plantation Industries and Commodities (MPIC)"

# CONTENT

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Overall Performance

15



Palm Oil

29



Biodiesel

35



Rubber

45



Timber

51



Cocoa

57





Pepper

63



Kenaf

**INDICATORS**

	Increase
	Decrease
<b>e</b>	Estimate
<b>f</b>	Forecast
<b>p</b>	Preliminary

**ABBREVIATIONS**

<b>GDP</b>	Gross Domestic Products
<b>FFB</b>	Fresh Fruit Bunches
<b>CPO</b>	Crude Palm Oil
<b>PO</b>	Palm Oil
<b>PK</b>	Palm Kernels
<b>CPKO</b>	Crude Palm Kernel Oil
<b>NR</b>	Natural Rubber
<b>SMR</b>	Standard Malaysia Rubber
<b>IRSG</b>	International Rubber Study Group
<b>SMC</b>	Standard Malaysia Cocoa
<b>ICCO</b>	International Cocoa Organisation
<b>MPOB</b>	Malaysian Palm Oil Board
<b>MRB</b>	Malaysian Rubber Board
<b>MTIB</b>	Malaysian Timber Industry Board
<b>MCB</b>	Malaysian Cocoa Board
<b>MPB</b>	Malaysia Pepper Board
<b>IPC</b>	International Pepper Community
<b>NKTB</b>	National Kenaf and Tobacco Board
<b>DOSM</b>	Department of Statistics Malaysia
<b>MIDA</b>	Malaysia Industrial Development Authority

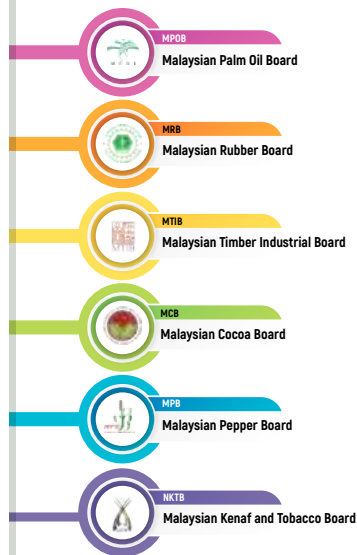
**5 Councils** were established to promote market diversification through compliance to standards and certification.



The Ministry of Plantation Industries and Commodities (MPIC) was established to regulate the agri-commodity industry which comprises of oil palm, rubber, timber, cocoa, pepper and kenaf.

The agri-commodity industry has been one of the main drivers of the national economy contributing significantly to the export earnings, creating jobs as well as providing income, particularly to smallholders.

**6 Agencies** were established to implement research, development, commercialisation and innovation (R&D&C&I) in ensuring the agri-commodity products remain competitive.





## VISION

To make Malaysia a **global market leader** in primary industries through **sustainable industrial advancement** for the nation's wellbeing.

## MISSION

To enhance **Malaysia's global competitiveness** through sustainable primary industries' products that prosper the country and the world.

# OBJECTIVES

01

To ensure the ecosystem of primary industries development thrives sustainably and fairly

02

To strengthen primary industries' competitiveness through production of high value added products, conforming to current and future quality, environmental, health and safety standards

03

To optimise primary industries products' Research, Development and Commercialisation capabilities and effectiveness through promotion of innovation and local talent

04

To magnify primary industries' contribution to Gross Domestic Products (GDP) growth that catalyse the socio-economic development

05

To accelerate and retain high impact investment growth along the primary industry value chains

06

To shape consumer trend of primary industry's products as the preferred choice domestically and globally

07

To instil patriotism among Malaysians on the importance of primary industries sector for the country





# **PROGRAMS AND INCENTIVES**



- The MSPO Certification Scheme is the national scheme in Malaysia for oil palm plantations, independent and organised smallholdings, and palm oil processing facilities to be certified against the requirements of the MSPO Standards.
- MSPO certification is mandatory commencing January 2020



As of December 2019, 3.6 million hectares or 62.3% of total oil palm planted area has been MSPO certified.



**MALAYSIAN  
SUSTAINABLE  
PALM OIL (MSPO)**



## **RUBBER PRODUCTION INCENTIVE SCHEME (IPG)**



- The IPG scheme was set out to pay smallholders in the country a pre-determined amount of money for every kilogramme of rubber produced when rubber prices fall under a set limit.
- IPG activation price (Paras Harga Pengaktifan) was at RM2.50 per kilogram for cuplump or RM6.10 per kilogram for natural rubber SMR20.



As of December 2019, RM238.8 million has been disbursed for a total of 399 million tonnes of cuplump.



- The MTCS is a voluntary scheme that provides independent assessment for forest management and chain of custody certification to ensure the sustainable management of Malaysia's Permanent Reserved Forests (PRF).
- It is targeted that by 2020, there will be 24 FMUs and 380 CoC.



As of December 2019, 3.6 million hectares or 62.3% of total oil palm planted area has been MSPO certified.

## MALAYSIAN TIMBER CERTIFICATE SCHEME (MTCS)



# DEVELOPMENT OF BAMBOO INDUSTRY



- Global potential of USD68.8 billion in trade.
- At present, there are 70 different bamboo species which can be used commercially in the construction, furniture and handicraft industries.
- Development of bamboo industry will be implemented with the collaboration of State Government.
- Program will include the development of bamboo nurseries, bamboo farms, bamboo processing centres and bamboo jungle adventure as eco-tourism product.



Under the 12th Malaysian Plan, Perak will be the first state to develop the bamboo industry.



- The implementation of biodiesel program locally will promote greater usage of palm oil that will stabilise crude palm oil prices.










- In February 2019, the B10 program (10 percent biodiesel blend) has been successfully implemented nationwide for transport sector followed by B7 program (7 percent biodiesel blend) for industrial sector in July 2019.
- Both programs will be consumed a total of 761,000 tonnes of biodiesel annually.
- In February 2020, Government has launched the B20 program in transportation sector which will boost biodiesel consumption to 1,068,000 tonnes annually.

## BIODIESEL PROGRAM



# OVERALL PERFORMANCE

## KEY INDICATORS OF AGRICOMMODITY SECTOR

KEY INDICATORS		2018	2019	% CHANGE
	<b>GROSS DOMESTIC PRODUCTS (AT CONSTANT PRICES 2015)</b> (RM Billion)	84.7	85.8	▲ 1.3 %
	<b>EXPORT EARNINGS</b> (RM Billion)	127.9	125.6	▼ 1.8 %
	<b>APPROVED INVESTMENTS</b> (RM Billion)	3.04	3.38	▲ 11.3 %
	<b>PLANTED AREA</b> (Million Hectares)	6.96	7.01	▲ 0.7 %
	<b>NO. OF SMALLHOLDERS</b>	964,735	977,206	▲ 1.3 %
	<b>AVERAGE PRICE OF CPO</b> (RM/Tonne)	2,232.50	2,079.00	▼ 6.9 %
	<b>AVERAGE PRICE OF NR (SMR20)</b> (RM/kg)	5.44	5.78	▲ 6.3 %

Note : Planted area exclude sago.

Source : Ministry of Plantation Industries and Commodities



## GROSS DOMESTIC PRODUCTS OF AGRICOMMODITY-BASED ACTIVITIES (AT CONSTANT PRICES 2015)

Gross Domestic Products (GDP) of agricommodity sector which include upstream and downstream-based activities was recorded at RM85.8 billion and contributed 6% to the National GDP.

SECTOR	2018 (RM Million)	2019 (RM Million)	% Change
Total National GDP	1,361,533	1,420,490	▲ 4.3%
Agriculture	99,470	101,287	▲ 1.8%
Manufacturing	304,847	316,355	▲ 3.8%
<b>Upstream-based activities</b>	<b>49,633</b>	<b>49,538</b>	<b>▼ 0.2%</b>
Oil Palm	37,664	38,239	▲ 1.5%
Rubber	2,829	3,002	▲ 6.1%
Timber and Forestry	6,863	6,336	▼ 7.7%
Cocoa	6	7	▲ 24.5%
Pepper	2,272	1,953	▼ 14.0%
<b>Downstream-based activities</b>	<b>35,113</b>	<b>36,276</b>	<b>▲ 3.3%</b>
Oil Palm	12,002	11,772	▼ 1.9%
Rubber	7,419	7,933	▲ 6.9%
Timber	10,566	11,115	▲ 5.2%
Cocoa	1,435	1,548	▲ 7.9%
Tobacco	3,690	3,907	▲ 5.9%
<b>Total GDP of Agricommodity Sector</b>	<b>84,747</b>	<b>85,814</b>	<b>▲ 1.3%</b>

Source : DOSM






# TRADE OF MAJOR SECTORS IN MALAYSIA

## 3rd

Largest Export Contributor

## 2nd







Largest Net Exporter

MAJOR SECTOR		Commodity Products (RM Billion)	Petroleum & Gas (RM Billion)	Electric & Electronic (RM Billion)	Total Export/Import of Merchandise (RM Billion)
 <b>EXPORT</b>	2018	127.9	146.2	381.5	1,003.6
	2019	125.6	132.5	372.7	986.4
	<b>Change</b>	▼ 1.8%	▼ 9.4%	▼ 2.3%	▼ 1.7%
 <b>IMPORT</b>	2018	39.9	107.3	262.6	879.8
	2019	39.3	104.8	245.5	849.0
	<b>Change</b>	▼ 1.3%	▼ 2.3%	▼ 6.5%	▼ 3.5%
 <b>TOTAL TRADE (EXPORT + IMPORT)</b>	2018	167.7	253.5	644.2	1,883.4
	2019	164.9	237.3	618.1	1,835.4
	<b>Change</b>	▼ 1.7%	▼ 6.4%	▼ 4.0%	▼ 2.6%
 <b>TRADE BALANCE (EXPORT - IMPORT)</b>	2018	88.0	38.9	118.9	123.8
	2019	86.2	27.7	127.2	137.4
	<b>Change</b>	▼ 2.0%	▼ 28.8%	▲ 7.0%	▲ 11.0%
 <b>% CONTRIBUTION TO TOTAL EXPORTS OF MERCHANDISE</b>	2018	12.7%	14.6%	38.0%	
	2019	12.7%	13.4%	37.8%	

Source : DOSM

Tabulated by : Ministry of Plantation Industries and Commodities

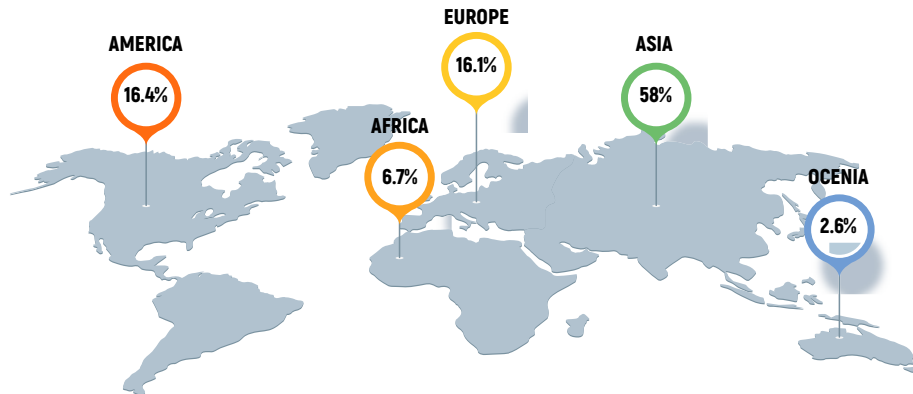
## EXPORT OF AGRICOMMODITY-BASED PRODUCTS

EXPORT OF COMMODITY-BASED PRODUCTS		2018 (RM Million)	2019 (RM Million)	% Share	% Change	OVERALL PERFORMANCE
	Oil Palm	67,515.98	64,839.37	51.6%	▼ 4.0%	
	Rubber	31,647.30	30,923.33	24.6%	▼ 2.3%	
	Timber	22,263.55	22,495.40	17.9%	▲ 1.0%	
	Cocoa	5,551.20	6,598.45	5.3%	▲ 18.9%	
	Pepper	200.95	145.55	0.1%	▼ 27.6%	
	Tobacco	680.49	569.10	0.5%	▼ 16.4%	
<b>TOTAL</b>		<b>127,859.47</b>	<b>125,571.20</b>	<b>100.0%</b>	<b>▼ 1.8%</b>	

Source : DOSM

Tabulated by : Ministry of Plantation Industries and Commodities

## EXPORT OF AGRICOMMODITY-BASED PRODUCTS BY CONTINENT













	AMERICA	AFRICA	EUROPE	ASIA	OCEANIA
<b>2018 (RM MILLION)</b>	19,221.98	10,507.36	20,594.58	73,895.37	3,617.85
<b>2019 (RM MILLION)</b>	20,648.55	8,359.34	20,233.62	72,995.25	3,318.93
<b>% CHANGE</b>	▲ 7.4%	▼ 20.4%	▼ 1.8%	▼ 1.2%	▼ 8.3%

Source : DOSM

Tabulated by : Ministry of Plantation Industries and Commodities

## EXPORT OF AGRICOMMODITY-BASED PRODUCTS TO TOP 10 TRADING PARTNERS





Export to top 10 trading partners accounted for 71.5% of total exports of agricommodity-based products.

CONTINENT	2018 (RM Million)	2019 (RM Million)	% Share	% Change
 European Union	18,698.54	19,091.58	14.6%	▼ 2.1%
 China	17,050.24	15,952.65	13.3%	▲ 6.9%
 United States	16,316.21	14,885.57	12.8%	▲ 9.6%
 India	11,683.61	8,741.14	9.1%	▲ 33.7%
 Japan	8,337.40	8,999.12	6.5%	▼ 7.4%
 Singapore	5,492.24	5,229.16	4.3%	▲ 5.0%
 Turkey	3,311.32	3,255.49	2.6%	▲ 1.7%
 South Korea	3,263.53	3,834.67	2.6%	▼ 14.9%
 Philippines	2,984.74	3,551.11	2.3%	▼ 15.9%
 Australia	2,591.07	2,588.88	2.0%	▲ 0.1%

Source : DOSM






Tabulated by : Ministry of Plantation Industries and Commodities

## APPROVED INVESTMENTS IN AGRICOMMODITY SECTOR (JANUARY - SEPTEMBER 2019/2018)

	Year	January - September 2018	January - September 2019	% Change
	No. of approved projects	46	93	▲ 102.2%
	Domestic investments (RM Million)	557.18	1,835.71	▲ 229.5%
	Foreign investments (RM Million)	2,481.88	1,547.75	▼ 37.6%
	Total capital investments (RM Million)	3,039.06	3,383.46	▲ 11.3%

Source : MIDA






## SELECTED AGRICOMMODITY-BASED INDUSTRIES WITH LARGEST APPROVED INVESTMENTS (JANUARY - SEPTEMBER 2019)

	Industry	No. of Projects	Domestic Investment (RM Million)	Foreign Investment (RM Million)	Total Capital Investment (RM Million)
	Manufacture of rubber gloves	12	671.72	457.11	1,128.83
	Manufacture of synthetic rubber	2	430.49	211.33	641.82
	Manufacture of refined palm oil	6	50.73	462.52	513.25
	Manufacture of wooden and cane furniture	21	99.44	78.96	178.40
	Manufacture of crude palm oil	8	94.91	58.19	153.10

Source : MIDA

OVERALL PERFORMANCE






















## TOP 5 FOREIGN PARTICIPATING COUNTRIES FOR APPROVED INVESTMENTS IN AGRICOMMODITY SECTOR (JANUARY - SEPTEMBER 2019)

	Country	Numbers of Projects	Foreign Investments (RM Million)
	Singapore	13	950.46
	China	5	77.56
	Italy	1	66.93
	Pakistan	2	12.22
	Germany	1	5.50

Source : MIDA



## APPROVED INVESTMENTS IN AGRICOMMODITY SECTOR BY STATE (JANUARY - SEPTEMBER 2019)

	State	No. of Projects	Domestic Investments (RM Million)	Foreign Investments (RM Million)	Total Investments (RM Million)	
	Selangor	34	1,263.98	926.88	2,190.86	
	Perak	3	70.53	325.46	395.99	
	Johor	21	111.23	189.16	300.40	
	Pahang	9	131.62	66.11	197.73	
	Negeri Sembilan	7	100.40	5.19	105.58	
	Pulau Pinang	10	58.04	13.34	71.38	
	Sabah	2	44.57	12.18	56.74	
	Sarawak	5	43.59	9.44	53.03	
	WP Kuala Lumpur	1	11.50	-	11.50	
	Melaka	1	0.25	-	0.25	
	<b>Total</b>	<b>93</b>	<b>1,835.71</b>	<b>1,547.75</b>	<b>3,383.46</b>	

Source : MIDA

OVERALL PERFORMANCE

## PLANTED AREA OF AGRICOMMODITY SECTOR IN 2019

**21.2%**  
of total land area

**93.8%**  
of total cropland area

Areas	2019 (Hectares)	Share
Forested Area (2014)	18,273,201	55.3%
Others	7,311,138	22.1%
Cropland Area	7,468,081	22.6%
Oil Palm	5,900,157	17.9%
Rubber	1,083,992	3.3%
Cocoa	15,008	0.0%
Pepper	7,375	0.0%
Kenaf	1,730	0.0%
Others	459,819	1.4%
<b>Malaysia Land Area</b>	<b>33,052,420</b>	<b>100.0%</b>

Source : Compendium of Environment Statistics, DOSM, MPOB, MRB, MCB, MPB & NKTB

## SMALLHOLDERS PARTICIPATION IN AGRICOMMODITY SECTOR 2019












Commodity	No. of Smallholders	Planted Area of Smallholders (Hectares)	
Oil Palm	492,259	1,667,533	
Independent	258,657	986,002	
Organised	233,602	681,531	
FELDA	99,894	432,721	
FELCRA	89,440	138,816	
RISDA	14,962	25,770	
Others	29,306	84,224	
Rubber	436,295	751,076	
Cocoa	12,839	14,776	
Pepper	34,701	7,383	
Kenaf	1,112	1,726	
<b>Total</b>	<b>977,206</b>	<b>2,442,496</b>	

Source : MPOB, Ministry of Plantation Industries and Commodities



# **PALM OIL**















## PERFORMANCE OF KEY INDICATORS

Key Indicators	2018	2019	% Change
 Planted Area (Hectares)	5,849,330	5,900,157	▲ 0.9%
 No. of Smallholders	477,831	492,259	▲ 3.0%
 Production of CPO (Tonne)	19,516,141	19,858,367	▲ 1.8%
 FFB Yield (Tonne/Ha)	17.16	17.18	▲ 0.1%
 Oil Yield (Tonne/Ha)	3.42	3.47	▲ 1.5%
 % OER	19.95	20.21	▲ 1.3%
 Average Price of CPO (RM/Tonne)	2,232.50	2,079.00	▼ 6.9%
 GDP at Constant Prices 2015 (RM Million)	49,667	50,012	▲ 0.7%
 Export Value (RM Billion)	67.5	64.8	▼ 4.0%
 Export Volume (Million Tonne)	25.2	28.0	▲ 10.9%
 <b>Product Global Ranking</b>	<b>2nd largest producer &amp; exporter</b>		

Source : MPOB

## PLANTED AREA OF OIL PALM BY STATE IN 2019

Total planted area of oil palm was at 5.9 million hectares which accumulated 79% of total cropland area and 17.9% of total land area in Malaysia. Approximately, 40% or 2.3 million hectares of total planted area was cultivated by smallholders.















State	Smallholding (Hectares)	Estate (Hectares)	Total Planted Area (Hectares)	% Share
 Johor	426,701	331,834	758,535	12.9%
 Kedah	33,715	57,006	90,721	1.5%
 Kelantan	73,714	97,631	171,345	2.9%
 Melaka	19,515	37,825	57,340	1.0%
 N. Sembilan	97,544	91,435	188,979	3.2%
 Pahang	491,420	276,977	768,397	13.0%
 Perak	198,589	209,014	407,603	6.9%
 Perlis	891	-	891	0.0%
 Pulau Pinang	9,617	4,183	13,800	0.2%
 Selangor	54,104	76,567	130,671	2.2%
 Terengganu	104,817	75,904	180,721	3.1%
 Sabah	410,705	1,133,776	1,544,481	26.2%
 Sarawak	373,388	1,213,285	1,586,673	26.9%
 <b>Malaysia</b>	<b>2,294,721</b>	<b>3,605,436</b>	<b>5,900,157</b>	<b>100.0%</b>

Note: Smallholders include SEDC/Govt. Agencies, FELDA, FELCRA & RISDA

Source : MPOB

## DISTRIBUTION OF OIL PALM PLANTED AREA BY STATE AND SECTOR IN 2019




PALM OIL

	State	SECTOR (HECTARES)						Total
		Smallholders	FELDA	FELCRA	RISDA	SEDC/Govt. Agencies	Private Estates	
	Johor	226,113	132,716	24,487	3,020	40,366	331,834	758,535
	Kedah	28,401	1,265	753	801	2,495	57,006	90,721
	Kelantan	6,898	36,132	2,860	571	27,254	97,631	171,345
	Melaka	12,970	2,524	2,179	1,538	304	37,825	57,340
	N. Sembilan	26,998	53,077	9,014	7,927	528	91,435	188,979
	Pahang	52,987	309,311	39,904	23,052	66,165	276,977	768,397
	Perak	125,063	22,026	27,943	12,831	10,727	209,014	407,603
	Perlis	164	470	257	-	-	-	891
	P. Pinang	9,240	-	377	-	-	4,183	13,800
	Selangor	42,016	6,539	2,074	241	3,234	76,567	130,671
	Terengganu	12,659	40,627	15,887	22,463	13,182	75,904	180,721
	<b>Peninsular</b>	<b>543,509</b>	<b>604,686</b>	<b>125,735</b>	<b>72,444</b>	<b>164,254</b>	<b>1,258,374</b>	<b>2,769,003</b>
	Sabah	209,624	103,309	13,876	-	83,896	1,133,776	1,544,481
	Sarawak	233,198	15,551	45,394	-	79,245	1,213,285	1,586,673
	<b>Malaysia</b>	<b>986,331</b>	<b>723,545</b>	<b>185,005</b>	<b>72,444</b>	<b>327,396</b>	<b>3,605,436</b>	<b>5,900,157</b>

Source : MPOB

















## OIL PALM PLANTED AREA BY MATURED AND IMMATURE

Region	Area	2018 (Hectares)	2019 (Hectares)	% Change
 Peninsular	Matured	2,407,163	2,443,715	▲ 1.5%
	Immatured	320,445	325,288	▲ 1.5%
	<b>Sub-total</b>	<b>2,727,608</b>	<b>2,769,003</b>	<b>▲ 1.5%</b>
 Sabah	Matured	1,378,655	1,353,812	▲ 1.8%
	Immatured	170,590	190,669	▲ 11.8%
	<b>Sub-total</b>	<b>1,549,245</b>	<b>1,544,481</b>	<b>▼ 0.3%</b>
 Sarawak	Matured	1,403,526	1,419,295	▲ 1.1%
	Immatured	168,951	167,378	▼ 0.9%
	<b>Sub-total</b>	<b>1,572,477</b>	<b>1,586,673</b>	<b>▲ 0.9%</b>
Total	Matured	5,189,344	5,216,822	▲ 0.5%
	Immatured	659,986	683,335	▲ 3.5%
<b>Total Planted Area</b>		<b>5,849,330</b>	<b>5,900,157</b>	<b>▲ 0.9%</b>

Source : MPOB

## AVERAGE FFB AND OIL YIELD BY STATE

PALM OIL

	State	FFB Yield (Tonne/Hectares)			Oil Yield (Tonne/Hectares)		
		2018	2019	% Change	2018	2019	% Change
	Johor	19.63	19.43	▼ 1.0%	3.87	3.93	▲ 1.6%
	Kedah	17.13	16.15	▼ 5.7%	3.42	3.22	▼ 5.8%
	Kelantan	10.20	11.81	▲ 15.8%	2.12	2.45	▲ 15.6%
	Melaka	20.14	20.03	▼ 0.5%	4.01	4.05	▲ 1.0%
	N. Sembilan	17.93	18.61	▲ 3.8%	3.51	3.71	▲ 5.7%
	Pahang	16.92	17.99	▲ 6.3%	3.37	3.59	▲ 6.5%
	P. Pinang	11.18	10.13	▼ 9.4%	2.17	1.93	▼ 11.1%
	Perak	19.38	19.38	-	3.72	3.75	▲ 0.8%
	Selangor	20.37	19.32	▼ 5.2%	3.94	3.75	▼ 4.8%
	Terengganu	12.41	13.75	▲ 10.8%	2.49	2.78	▲ 11.6%
	<b>Peninsular</b>	<b>17.44</b>	<b>17.95</b>	<b>▲ 2.9%</b>	<b>3.43</b>	<b>3.58</b>	<b>▲ 4.4%</b>
	Sabah	18.16	17.66	▼ 2.8%	3.74	3.70	▼ 1.1%
	Sarawak	15.74	15.57	▼ 1.1%	3.12	3.12	-
	<b>Malaysia</b>	<b>17.16</b>	<b>17.18</b>	<b>▲ 0.1%</b>	<b>3.42</b>	<b>3.47</b>	<b>▲ 1.5%</b>

Source : MPOB














## PRODUCTION, CLOSING STOCK AND AVERAGE PRICE OF CPO

Month	Production of CPO (Tonne)		Closing Stock of PO (Tonne)		Average Price of CPO (RM/Tonne)		% Change			
	2018	2019	2018	2019	2018	2019	Production	Stock	Price	
January	1,586,653	1,737,461	2,548,712	3,002,871	2,486.50	2,037.00	▲ 9.5%	▲ 17.8%	▼ 18.1%	
February	1,342,805	1,544,518	2,476,453	3,056,929	2,488.00	2,100.50	▲ 15.0%	▲ 23.4%	▼ 15.6%	
March	1,574,079	1,672,058	2,339,953	2,920,409	2,426.50	1,903.50	▲ 6.2%	▲ 24.8%	▼ 21.6%	
April	1,558,769	1,649,368	2,194,102	2,726,940	2,418.00	2,018.50	▲ 5.8%	▲ 24.3%	▼ 16.5%	
May	1,525,490	1,671,467	2,193,257	2,444,487	2,396.00	1,946.50	▲ 9.6%	▲ 11.5%	▼ 18.8%	
June	1,332,704	1,510,957	2,204,187	2,410,869	2,324.00	1,968.00	▲ 13.4%	▲ 9.4%	▼ 15.3%	
July	1,503,220	1,740,759	2,231,550	2,378,297	2,215.00	1,879.00	▲ 15.8%	▲ 6.6%	▼ 15.2%	
August	1,620,605	1,821,548	2,504,924	2,240,523	2,183.50	2,066.50	▲ 12.4%	▼ 10.6%	▼ 5.4%	
September	1,853,602	1,842,433	2,529,455	2,448,448	2,177.50	2,097.00	▼ 0.6%	▼ 3.2%	▼ 3.7%	
October	1,964,954	1,795,841	2,722,669	2,352,220	2,082.00	2,104.00	▼ 8.6%	▼ 13.6%	▲ 1.1%	
November	1,845,222	1,538,053	3,007,095	2,255,035	1,830.50	2,493.50	▲ 16.6%	▼ 25.0%	▲ 36.2%	
December	1,808,038	1,333,904	3,216,476	2,007,124	1,794.50	2,813.00	▲ 26.2%	▼ 37.6%	▲ 56.8%	
<b>Total</b>	<b>19,516,141</b>	<b>19,858,367</b>	<b>2,514,069*</b>	<b>2,520,346*</b>	<b>2,232.50</b>	<b>2,079.00</b>	<b>▲ 1.8%</b>	<b>▲ 0.2%</b>	<b>▼ 6.9%</b>	

Note : \*Refer to average closing stock of palm oil.  
Source : MPOB




## AVERAGE OIL EXTRACTION RATE (OER) OF CRUDE PALM OIL

PALM OIL

State	2018 (%)	2019 (%)	% Change
 Johor	19.69	20.22	▲ 2.7%
 Kedah	19.98	19.96	▼ 0.1%
 Kelantan	20.74	20.73	▲ 0.0%
 Negeri Sembilan	19.58	19.94	▲ 1.8%
 Pahang	19.93	19.96	▲ 0.2%
 Perak	19.20	19.35	▲ 0.8%
 Selangor	19.35	19.40	▲ 0.3%
 Terengganu	20.03	20.25	▲ 1.1%
 Others	19.64	19.65	▲ 0.1%
 <b>Peninsular</b>	<b>19.69</b>	<b>19.93</b>	<b>▲ 1.2%</b>
 Sabah	20.60	20.97	▲ 1.8%
 Sarawak	19.85	20.03	▲ 0.9%
 <b>Malaysia</b>	<b>19.95</b>	<b>20.21</b>	<b>▲ 1.3%</b>

Source : MPOB

## NUMBER AND CAPACITIES IN PALM OIL SECTORS (In operation as at December 2019)

Sector		FFB Mills	PK Crushers	Refineries	Oleochemicals
 Peninsular	Number	241	26	34	21
	Capacity (Tonne/Year)	56,571,800	4,456,900	15,325,200	2,680,941
 Sabah	Number	130	13	10	-
	Capacity (Tonne/Year)	33,737,200	2,097,200	7,878,000	-
 Sarawak	Number	81	4	7	-
	Capacity (Tonne/Year)	22,596,000	697,200	3,425,000	-
Total	<b>Number</b>	<b>452</b>	<b>43</b>	<b>51</b>	<b>21</b>
	<b>Capacity (Tonne/Year)</b>	<b>112,905,000</b>	<b>7,251,300</b>	<b>26,628,200</b>	<b>2,680,941</b>

Source : MPOB

## EXPORT OF PALM OIL AND PALM-BASED PRODUCTS

Export of palm oil and palm-based products contributed 51.6% to total exports of agricommodity-based products and 6.6% to total exports of merchandise.

Products	Volume (’000 Tonnes)			Value (RM Million)		
	2018	2019	% Change	2018	2019	% Change
Palm Oil	15,363.86	16,875.34	▲ 9.8	15,38,655.13	38,027.44	▼ 1.6
CPO	3,341.77	3,718.70	▲ 11.3	7,821.07	7,713.38	▼ 1.4
PPO	12,022.09	13,156.64	▲ 9.4	30,834.06	30,314.06	▼ 1.7
Palm Kernel Oil	906.31	1,006.50	▲ 11.1	4,092.97	3,305.81	▼ 19.2
CPKO	340.02	350.29	▲ 3.0	1,325.19	901.90	▼ 31.9
PPKO	566.29	656.21	▲ 15.9	2,767.78	2,403.91	▼ 13.1
Palm-based Oleochemical	4,809.82	5,191.53	▲ 7.9	19,114.87	16,932.65	▼ 11.4
Other Palm-based Products	1,745.54	2,426.97	▲ 39.0	4,518.74	5,565.13	▼ 23.2
Palm Kernel Cake	2,400.59	2,483.89	▲ 3.5	1,134.27	1,008.34	▼ 11.1
<b>Total</b>	<b>25,226.12</b>	<b>27,984.23</b>	<b>▲ 10.9</b>	<b>67,515.98</b>	<b>64,839.37</b>	<b>▼ 4.0</b>











Note: CPO – Crude Palm Oil                      PPO – Processed Palm Oil  
         CPKO – Crude Palm Kernel Oil          PPKO – Processed Palm Kernel Oil

Source : DOSM

Tabulated by : Ministry of Plantation Industries and Commodities

## EXPORT VOLUME OF PALM OIL AND PALM-BASED PRODUCTS

Export volume surged by 10.9% to 28 million tonnes due to higher export to major countries.

Countries	2018 ('000 Tonnes)	2019 ('000 Tonnes)	% Change	% Share
 India	2,676.15	4,461.90	▲ 66.7%	15.9%
 China	3,072.78	3,905.51	▲ 27.1%	14.0%
 European Union	3,807.50	3,889.68	▲ 2.2%	13.9%
 Japan	1,217.91	1,545.38	▲ 26.9%	5.5%
 Pakistan	1,258.94	1,261.38	▲ 0.2%	4.5%
 South Korea	985.45	1,125.02	▲ 14.2%	4.0%
 Turkey	979.61	1,082.74	▲ 10.5%	3.9%
 United States	995.07	1,064.99	▲ 7.0%	3.8%
 Philippines	838.74	760.7	▼ 9.3%	2.7%
 Singapore	627.83	746.43	▲ 18.9%	2.7%
Others	8,766.14	8,140.51	▼ 7.1%	29.1%
<b>Total</b>	<b>25,226.12</b>	<b>27,984.24</b>	<b>▲ 10.9%</b>	<b>100.0%</b>

PALM OIL

Source : DOSM

Tabulated by : Ministry of Plantation Industries and Commodities

## PALM OIL GLOBALLY

PALM OIL

Key Indicators		2018	2019	% Share	% Change
<b>HARVESTED AREA ('000 HECTARES)</b>		<b>22,016</b>	<b>22,694</b>		<b>▲ 3.1%</b>
Matured area (('000 Hectares)	Indonesia	11,280	12,000	54.5%	▲ 6.4%
	Malaysia	5,189	5,217	23.7%	▲ 0.5%
	Others	4,568	4,799	21.8%	▲ 5.1%
	<b>World</b>	<b>21,037</b>	<b>22,016</b>	<b>100.0%</b>	<b>▲ 4.7%</b>
Major Producer (('000 Tonnes)	Indonesia	42,700	43,300	57.3%	▲ 1.4%
	Malaysia	19,516	19,858	26.3%	▲ 1.8%
	Others	11,956	12,392	16.4%	▲ 3.6%
	<b>World</b>	<b>74,172</b>	<b>75,550</b>	<b>100.0%</b>	<b>▲ 1.9%</b>
Major Consumer (('000 Tonnes)	Indonesia	12,008	14,470	18.6%	▲ 20.5%
	India	9,325	10,254	13.2%	▲ 10.0%
	EU	8,110	8,407	10.8%	▲ 3.7%
	China	5,416	6,903	8.9%	▲ 27.5%
	Others	36,686	37,615	48.4%	▲ 2.5%
	<b>World</b>	<b>71,545</b>	<b>77,649</b>	<b>100.0%</b>	<b>▲ 8.5%</b>

Source : Oil World, MPOB



## PALM OIL GLOBALLY (Continue)

Key Indicators		2018	2019	% Share	% Change
Major Exporters (‘000 Tonnes)	Indonesia	29,340	29,800	55.2%	▲ 1.6%
	Malaysia	16,488	18,469	34.2%	▲ 12.0%
	Others	5,792	5,723	10.6%	▼ 1.2%
	<b>World</b>	<b>51,620</b>	<b>53,992</b>	<b>100.0%</b>	<b>▲ 4.6%</b>
Major Importers (‘000 Tonnes)	India	9,109	10,150	18.6%	▲ 11.4%
	EU	8,176	8,550	15.7%	▲ 4.6%
	China	5,428	7,250	13.3%	▲ 33.6%
	Pakistan	2,981	3,250	6.0%	▲ 9.0%
	Others	25,317	25,242	46.4%	▼ 0.3%
	<b>World</b>	<b>51,011</b>	<b>54,442</b>	<b>100.0%</b>	<b>▲ 6.7%</b>

PALM OIL

Source : Oil World, MPOB

## GLOBAL COMPARISON OF SELECTED VEGETABLE OILS






Key Indicators	Palm Oil	Soybean Oil	Rapeseed Oil	Total World
<b>Harvested area ('000 Hectares)</b>				
2018	22,016	126,057	33,661	289,929
2019	22,694	123,301	31,863	288,649
% Change	▲ 3.1%	▼ 2.2%	▼ 5.3%	▼ 0.4%
<b>Production ('000 Tonnes)</b>				
2018	74,172	56,864	25,520	205,085
2019	75,550	56,465	25,087	206,975
% Change	▲ 1.9%	▼ 0.7%	▼ 1.7%	▲ 0.9%
<b>Consumption ('000 Tonnes)</b>				
2018	71,545	56,458	25,795	202,054
2019	77,649	56,811	25,384	209,269
% Change	▲ 8.5%	▲ 0.6%	▼ 1.6%	▲ 3.6%
<b>Exports ('000 Tonnes)</b>				
2018	51,620	11,126	5,007	86,080
2019	53,992	11,971	5,222	91,727
% Change	▲ 4.6%	▲ 7.6%	▲ 4.3%	▲ 6.6%
<b>Oil yield (Tonne/Hectares)</b>				
2018	3.53	0.45	0.76	
2019	3.43	0.45	0.75	
% Change	▼ 2.8%	-	▼ 1.3%	
<b>Average price (USD/Tonne)</b>				
2018	598	789	833	
2019	566	756	853	
% Change	▼ 5.4%	▼ 4.2%	▲ 2.4%	

Source : Oil World, MPOB

**BIODIESEL**




## ESTIMATED BIODIESEL CONSUMPTION AND GREENHOUSE GAS (GHG) AVOIDANCE

BIODIESEL

	Programme	Sector	Consumption (Tonnes/Year)	GHG Avoidance (Tonnes/Year)
	B7	Industry	226,916	681,000
	B10	Transport	533,589	1,602,000
	B20	Transport	1,067,177	3,202,000
	Total B10 (Transport Sector) & B7 (Industry Sector)		760,505	2,283,000
	Total B20 (Transport Sector) & B7 (Industry Sector)		1,294,093	3,883,000

Source : MPOB

## STATUS OF BIODIESEL PLANTS IN MALAYSIA AS AT DECEMBER 2019



	Status	No. Of Plants	Production Capacity (Tonnes/Year)	Actual Production (Tonnes)
	In Operation	19	2,232,000	1,422,871 (63.7%)
	Not In Operation	13	1,333,740	-
	Total	32	1,067,177	1,422,871

BIODIESEL

Note : Not in operation cover those established biodiesel plants but not producing biodiesel, also includes licensee which decided to terminate biodiesel project but its biodiesel license still valid.







Source : MPOB

# MONTHLY PRODUCTION & EXPORT OF PALM-BASED BIODIESEL

	Production (Tonnes) 			Export of Palm-based Biodiesel 					
				Volume (Tonnes)			Value (RM Million)		
	2018	2019	% Change	2018	2019	% Change	2018	2019	% Change
January	72,095	103,313	▲ 43.3%	5,000.77	43,379.65	▲ 767.5%	14.85	112.66	▲ 658.7%
February	59,879	97,195	▲ 62.3%	8,470.91	53,346.26	▲ 529.8%	26.55	153.73	▲ 479.0%
March	66,203	114,532	▲ 73.0%	13,110.62	35,300.32	▲ 169.2%	37.22	95.69	▲ 157.1%
April	70,034	115,491	▲ 64.9%	5,998.93	13,092.10	▲ 118.2%	16.74	33.48	▲ 100.0%
May	86,230	124,570	▲ 44.5%	543.65	83,990.66	▲ 15,349.4%	1.55	221.33	▲ 14,179.4%
June	99,410	123,198	▲ 23.9%	6,281.22	77,512.32	▲ 1,134.0%	17.73	202.39	▲ 1,041.5%
July	114,835	140,088	▲ 22.0%	16,774.25	89,087.62	▲ 431.1%	47.68	222.95	▲ 367.6%
August	91,241	123,472	▲ 35.3%	14,413.35	50,902.87	▲ 253.2%	40.56	130.70	▲ 222.2%
September	94,495	128,640	▲ 36.1%	20,386.78	43,729.25	▲ 114.5%	55.63	114.23	▲ 105.3%
October	120,088	132,376	▲ 10.2%	9,852.07	25,201.44	▲ 155.8%	28.60	76.17	▲ 166.3%
November	108,581	113,874	▲ 4.9%	77,858.36	37,759.50	▼ 51.5%	209.24	101.49	▼ 51.5%
December	106,946	106,122	▼ 0.8%	28,526.65	50,934.35	▲ 78.6%	80.52	153.21	▲ 90.3%
<b>Total</b>	<b>1,090,037</b>	<b>1,422,871</b>	<b>▲ 30.5%</b>	<b>207,217.56</b>	<b>604,236.35</b>	<b>▲ 191.6%</b>	<b>576.86</b>	<b>1,618.02</b>	<b>▲ 180.5%</b>

Source : MPOB, DOSM

## EXPORT OF BIODIESEL TO MAJOR COUNTRIES

Country	2018		2019		% Change		% Share
	Volume ('000 Tonnes)	Value (RM Million)	Volume ('000 Tonnes)	Value (RM Million)	Volume	Value	
 Spain	94.72	259.63	277.80	753.90	▲ 193.3%	▲ 190.4%	46.6%
 Netherlands	29.23	82.37	162.33	426.58	▲ 455.4%	▲ 417.9%	26.4%
 China	41.45	112.67	120.75	312.87	▲ 191.3%	▲ 177.7%	19.3%
 Bulgaria	5.39	15.95	32.54	94.98	▲ 503.7%	▲ 495.5%	5.9%
 Indonesia	9.74	28.40	7.00	19.05	▼ 28.1%	▼ 32.9%	1.2%
 India	1.04	3.04	2.80	7.13	▲ 169.2%	▲ 134.5%	0.4%
Others	25.65	74.80	1.02	3.51	▼ 96.0%	▼ 95.3%	0.2%
<b>Total</b>	<b>207.22</b>	<b>576.86</b>	<b>604.24</b>	<b>1,618.02</b>	<b>▲ 191.6%</b>	<b>▲ 180.5%</b>	<b>100.0</b>

Source : DOSM










Tabulated by : Ministry of Plantation Industries and Commodities





**RUBBER**




## PERFORMANCE OF KEY INDICATORS

Key Indicators		2018	2019	% Change
	Planted Area (Hectares)	1,127,015	1,131,905	▲ 0.4%
	No. of Smallholders	441,937	436,295	▼ 1.3%
	Production of NR (Tonne)	603,329	639,830	▲ 6.0%
	NR Yield (kg/ha)	1,430	1,440	▲ 0.7%
	Average Price of SMR20 (RM/Kg)	5.44	5.78	▲ 6.3%
	GDP at Constant Prices 2015 (RM Million)	10,248.11	10,935.27	▲ 6.7%
	Export Value (RM Billion)	31.6	30.9	▼ 2.3%
	Export Volume (Million Tonne)	1.23	1.32	▲ 7.0%
	Product Global Ranking	Largest exporter of rubber gloves		

Source : MRB

## PLANTED AREA OF RUBBER

Rubber plantation accumulated 14.5% of total cropland area with more than 90% cultivated by smallholders.

Sector		2018 (Hectares)	2019 (Hectares)	% Share	% Change	
 Peninsular	Estate	63,009	63,009	5.5%	-	
	Smallholders	703,890	713,729	63.1%	▲ 1.4%	
	<b>Sub total</b>	<b>766,899</b>	<b>776,737</b>	<b>68.6%</b>	<b>▲ 1.3%</b>	
 Sabah	Estate	10,231	10,231	0.9%	-	
	Smallholders	157,710	150,622	13.3%	▼ 4.5%	
	<b>Sub total</b>	<b>167,941</b>	<b>160,853</b>	<b>14.2%</b>	<b>▼ 4.2%</b>	
 Sarawak	Estate	221	221	0.0%	-	
	Smallholders	191,954	194,094	17.8%	▲ 1.1%	
	<b>Sub total</b>	<b>192,175</b>	<b>194,315</b>	<b>17.1%</b>	<b>▲ 1.1%</b>	
Total	Estate	73,461	73,461	6.5%	-	
	Smallholders	1,053,554	1,058,444	93.5%	▲ 0.5%	
	<b>Sub total</b>	<b>1,127,015</b>	<b>1,131,905</b>	<b>100.0%</b>	<b>▲ 0.4%</b>	

RUBBER






Source : MRB

## MONTHLY PRODUCTION, STOCK AT THE END OF THE MONTH AND AVERAGE PRICE OF NATURAL RUBBER

Month	Production (Tonnes)		Stock (Tonnes)		Average Price of SMR20 (RM/cent)		% Change			
	2018	2019	2018	2019	2018	2019	Production	Stock	Price	
January	55,039	76,104	256,443	202,427	587.69	548.48	▲ 38.3%	▼ 21.1%	▼ 6.7%	
February	63,246	59,017	285,671	214,771	563.14	558.09	▼ 6.7%	▼ 24.8%	▼ 0.9%	
March	46,381	50,109	281,741	201,792	554.57	592.62	▲ 8.0%	▼ 28.4%	▲ 6.9%	
April	35,726	33,923	253,799	182,645	528.90	613.86	▼ 5.0%	▼ 28.0%	▲ 16.1%	
May	35,761	44,479	216,217	176,972	561.11	625.65	▲ 24.4%	▼ 18.2%	▲ 11.5%	
June	41,364	36,796	196,084	165,596	545.20	623.92	▼ 11.0%	▼ 15.5%	▲ 14.4%	
July	56,454	60,088	185,640	181,906	527.80	580.82	▲ 6.4%	▼ 2.0%	▲ 10.0%	
August	62,862	57,599	184,129	182,695	542.98	542.48	▼ 8.4%	▼ 0.8%	▼ 0.1%	
September	48,076	61,731	179,351	189,454	544.29	551.39	▲ 28.4%	▲ 5.6%	▲ 1.3%	
October	51,209	48,528	165,550	189,085	542.96	536.50	▼ 5.2%	▲ 14.2%	▼ 1.2%	
November	52,174	53,019	169,939	216,582	509.35	566.12	▲ 1.6%	▲ 27.4%	▲ 11.1%	
December	55,037	58,437	174,004	245,002	518.18	595.50	▲ 6.2%	▲ 40.8%	▲ 14.9%	
<b>Total</b>	<b>603,329</b>	<b>639,830</b>			<b>543.56</b>	<b>577.68</b>	<b>▲ 6.0%</b>		<b>▼ 6.3%</b>	

Source : MRB, DOSM

## DOMESTIC CONSUMPTION OF NATURAL RUBBER AND SYNTHETIC RUBBER IN MALAYSIA











Sector	Type of rubber	2018 (Tonnes)	2019 (Tonnes)	% Share	% Change
	Tyre NR	35,223	35,383	3.6%	▲ 0.5%
	SR	30,906	31,150	3.2%	▲ 0.8%
	<b>Sub total</b>	<b>66,129</b>	<b>66,533</b>	<b>6.8%</b>	<b>▲ 0.6%</b>
	Footwear NR	506	558	0.1%	▲ 10.3%
	SR	302	306	0.0%	▲ 1.3%
	<b>Sub total</b>	<b>809</b>	<b>864</b>	<b>0.1%</b>	<b>▲ 6.8%</b>
	Latex Products NR	452,540	434,585	44.6%	▼ 4.0%
	SR	402,489	412,232	42.3%	▲ 2.4%
	<b>Sub total</b>	<b>855,029</b>	<b>846,816</b>	<b>86.9%</b>	<b>▼ 1.0%</b>
	General Rubber NR	20,113	19,983	2.1%	▼ 0.6%
	Goods SR	19,431	17,892	1.8%	▼ 7.9%
	<b>Sub total</b>	<b>39,544</b>	<b>37,875</b>	<b>3.9%</b>	<b>▼ 4.2%</b>
	Industrial NR	7,220	8,426	0.9%	▲ 16.7%
	Rubber Goods SR	17,312	13,496	1.4%	▼ 22.0%
	<b>Sub total</b>	<b>24,532</b>	<b>21,922</b>	<b>2.3%</b>	<b>▼ 10.6%</b>
<b>Total Consumption</b>		<b>986,043</b>	<b>974,010</b>	<b>100.0%</b>	<b>▼ 1.2%</b>

RUBBER

Source : MRB

## EXPORT OF RUBBER AND RUBBER-BASED PRODUCTS











Export of rubber and rubber-based products amounted to RM30.9 billion or 24.6% of total exports of agricommodity-based products

Products	2018		2019		% CHANGE	
	Volume ('000 Tonnes)	Value (RM Million)	Volume ('000 Tonnes)	Value (RM Million)	Volume	Value
 Natural Rubber	1,108.74	6,523.47	1,033.71	6,064.32	▲ 1.3	▼ 7.0
 Other Rubber	229.14	1,328.17	282.97	1,519.49	▲ 35.0	▲ 14.4
 Tyres		1,321.81		1,442.71		▲ 9.1
 Inner Tubes		14.29		11.91		▼ 16.6
 Latex Goods		19,348.76		18,933.62		▼ 2.1
 Rubber Gloves		17,823.02		17,353.50		▼ 2.6
 Other Latex Products		1,525.74		1,580.12		▲ 3.6
 Footwear		419.04		518.06		▲ 23.6
 Industrial Rubber Goods		1,371.83		1,104.09		▲ 19.5
 General Rubber Goods		1,319.93		1,329.12		▼ 0.7
<b>Sub-Total</b>	<b>1,337.88</b>	<b>31,647.31</b>	<b>1,316.68</b>	<b>30,923.33</b>	<b>▲ 7.0</b>	<b>▼ 2.3</b>

Source : DOSM

Tabulated by : Ministry of Plantation Industries and Commodities

## EXPORT OF RUBBER AND RUBBER-BASED PRODUCTS TO MAJOR COUNTRIES

Country	2018 (RM Million)	2019 (RM Million)	% Share	% Change
 United States	7,056.80	7,423.82	24.0%	▲ 5.2%
 European Union	6,792.24	6,545.34	21.2%	▼ 3.6%
 China	5,952.38	5,519.14	17.8%	▼ 7.3%
 Japan	1,408.18	1,447.16	4.7%	▲ 2.8%
 Singapore	759.68	812.78	2.6%	▲ 7.0%
 Thailand	867.74	785.44	2.5%	▼ 9.5%
 Brazil	703.63	754.71	2.4%	▲ 7.3%
 Australia	836.4	747.14	2.4%	▼ 10.7%
 India	478.65	573.63	1.9%	▲ 19.8%
 South Korea	481.96	494.57	1.6%	▲ 2.6%
Others	6,309.65	5,819.60	18.8%	▼ 7.8%
<b>Total</b>	<b>31,647.31</b>	<b>30,923.33</b>	<b>100.0%</b>	<b>▼ 2.3%</b>

RUBBER

Source : DOSM  
Tabulated by : Ministry of Plantation Industries and Commodities

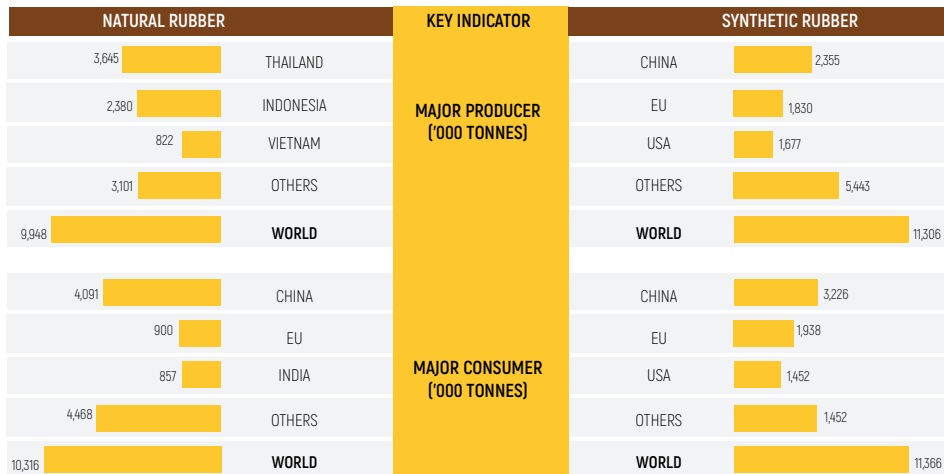
## SUMMARY OF WORLD NATURAL AND SYNTHETIC RUBBER

Year		2018 (January-September)	2019 (January-September)	% Change	
<b>Natural Rubber</b>					
Productions	Estate	2,001	1,797	▼	10.2%
	Smallholdings	8,188	7,586	▼	7.4%
	Total	10,190	9,948	▼	2.4%
Consumption		10,331	10,316	▼	0.1%
Excess (+)/Deficit (-)		-140	-368		
Exports		8,934	8,335	▼	6.7%
Imports		9,167	8,740	▼	4.7%
<b>Synthetic Rubber</b>					
Production		11,401	11,305	▼	0.8%
Consumption		11,528	11,366	▼	1.4%
Excess (+)/Deficit (-)		-127	-61		
Exports		7,484	7,271	▼	2.8%
Imports		8,050	7,827	▼	2.8%

Source : IRSG



## GLOBAL COMPARISON OF NATURAL AND SYNTHETIC RUBBER (JANUARY - SEPTEMBER 2019)



Source : IRSG

RUBBER

## GLOBAL COMPARISON OF NATURAL AND SYNTHETIC RUBBER (CONTINUE) (JANUARY - SEPTEMBER 2019)




RUBBER

NATURAL RUBBER			KEY INDICATOR	SYNTHETIC RUBBER		
3,235		THAILAND	MAJOR EXPORTER ('000 TONNES)	EU		2,348
1,993		INDONESIA		SOUTH KOREA		1,207
1,112		VIETNAM		USA		758
1,995		OTHERS		OTHERS		2,958
8,335		WORLD		WORLD		7,271
3,747		CHINA	MAJOR IMPORTER ('000 TONNES)	EU		2,746
1,208		EU		CHINA		1,142
771		USA		USA		612
3,014		OTHERS		OTHERS		3,327
8,740		WORLD		WORLD		7,827

Source : IRSG





**TIMBER**

## PERFORMANCE OF KEY INDICATORS

Key Indicators	2018	2019	% Change
 GDP at Constant Prices 2015 (RM Million)	17,429.34	17,451.52	▲ 0.1%
 Export Value (RM Billion)	22.3	22.5	▲ 1.0%
 Product Global Ranking	12th largest exporter of wooden furniture		

Source : Ministry of Plantation Industries and Commodities

## PRODUCTION OF TIMBER PRODUCTS












Region	Year	Logs	Sawn Timber	Plywood	Veneer	Moulding
 Malaysia	2017	12,298,177	3,262,298	2,631,820	574,713	133,583
	2018	12,681,237	3,530,087	2,633,477	567,136	131,762
	% Change	▲ 3.1%	▲ 8.2%	▲ 0.1%	▼ 1.3%	▼ 1.4%
 Peninsular	2017	3,809,185	2,446,411	439,698	142,692	86,264
	2018	4,191,245	2,714,200	441,355	135,115	84,443
	% Change	▲ 10.0%	▲ 10.9%	▲ 0.4%	▼ 5.3%	▼ 2.1%
 Sabah	2017	1,375,455	192,023	493,210	92,335	43,176
	2018	1,375,455	192,023	493,210	92,335	43,176
	% Change	-	-	-	-	-
 Sarawak	2017	7,113,537	623,864	1,698,912	339,686	4,143
	2018	7,113,537	623,864	1,698,912	339,686	4,143
	% Change	-	-	-	-	-

TIMBER

Note : Logs exclude production of hevea logs, poles, coconut trunks and oil palm trunks.

Source : Compendium of Environment Statistics, DOSM











## EXPORT OF TIMBER AND TIMBER-BASED PRODUCTS

Products	2018		2019		% Change	
	Volume ('000 m3)	Value (RM Million)	Volume ('000 m3)	Value (RM Million)	Volume	Value
 Saw Logs	1,636.33	923.89	1,346.78	759.56	▼ 17.7	▼ 17.8
 Sawn Timber	1,927.39	3,651.61	1,808.32	3,373.79	▼ 6.2	▼ 7.6
 Fibreboard	1,001.23	1,185.29	823.54	1,059.89	▼ 17.7	▼ 10.6
 Plywood	2,156.14	4,566.15	1,723.53	3,403.63	▼ 20.1	▼ 25.5
 Mouldings	239.91	874.01	232.53	872.28	▼ 3.1	▼ 0.2
 Veneer Sheet	183.30	304.58	112.00	171.79	▼ 38.9	▼ 43.6
 Builder's Joinery & Carpentry		1,058.49		1,036.74		▼ 2.1
 Wooden & Rattan Furniture		7,789.28		9,144.22		▲ 17.4
 Other Timber Products		1,910.25		2,673.50		▲ 17.4
 Chipboard/Particleboard		482.45		367.23		▼ 49.1
 Other Timber Products		1,427.80		2,306.27		▼ 40.0
<b>Sub-Total</b>		<b>22,263.55</b>		<b>22,495.40</b>		<b>▲ 1.0</b>

Source : DOSM

Tabulated by : Ministry of Plantation Industries and Commodities

## EXPORT OF TIMBER AND TIMBER-BASED PRODUCTS TO MAJOR COUNTRIES

Country	2018 (RM Million)	2019 (RM Million)	% Share	% Change
 United States	3,756.73	4,967.54	22.1%	▲ 32.2%
 Japan	3,955.83	3,460.68	15.4%	▼ 12.5%
 European Union	2,143.30	2,115.43	9.4%	▼ 1.3%
 China	1,138.34	1,827.87	8.1%	▲ 60.6%
 India	1,365.68	1,276.83	5.7%	▼ 6.5%
 Singapore	1,097.61	1,100.51	4.9%	▲ 0.3%
 Australia	1,103.27	1,021.60	4.5%	▼ 7.4%
 South Korea	1,235.04	826.79	3.7%	▼ 33.1%
 Philippines	786.7	646.77	2.9%	▼ 17.8%
 Thailand	666.45	606.08	2.7%	▼ 9.1%
Others	5,014.60	4,645.30	20.6%	▼ 7.4%
<b>Total</b>	<b>22,263.55</b>	<b>22,495.40</b>	<b>100.0%</b>	<b>▲ 1.0%</b>

TIMBER










Source : DOSM  
Tabulated by : Ministry of Plantation Industries and Commodities





**COCOA**

## PERFORMANCE OF KEY INDICATORS

Key Indicators		2018	2019	% Change
	Planted Area (Hectares)	15,008	15,008	-
	No. of Smallholders	13,800	14,776	▲ 7.1%
	Production of Cocoa Beans (Tonne)	814	999	▲ 22.7%
	Average Yield (Tonne/Hectares)	0.09	0.11	▲ 22.2%
	Grinding of Cocoa Beans (Tonne)	249,661	343,727	▲ 37.7%
	Average Price of Cocoa Beans (RM/Tonne)	6,156	6,623	▲ 7.6%
	GDP at Constant Prices 2015 (RM Million)	1,440.78	1,555.28	▲ 7.9%
	Export Value (RM Billion)	5.6	6.6	▲ 18.9%
	<b>Product Global Ranking</b>	<b>7th largest cocoa grinders</b>		

Source : MCB








## PLANTED AREA, PRODUCTION AND AVERAGE PRICE OF COCOA BEANS BY REGION

Region	2018	2019	% Change
<b>Planted Area (Hectares)</b>			
Peninsular	2,370	2,370	-
Sabah	5,780	5,780	-
Sarawak	6,858	6,858	-
<b>Total</b>	<b>15,008</b>	<b>15,008</b>	<b>-</b>
<b>Production (Tonnes)</b>			
Peninsular	366	324	▼ 11.5%
Sabah	298	525	▲ 76.2%
Sarawak	150	150	-
<b>Total</b>	<b>814</b>	<b>999</b>	<b>▲ 22.7%</b>
<b>Average price (RM/Tonnes)</b>			
Raub	6,530	6,877	▲ 5.3%
Tawau	6,156	6,623	▲ 7.6%
Kuching	5,656	6,123	▲ 8.3%

Note : Average price refers to cocoa beans [SMC2]

Source : MCB

## EXPORT OF COCOA AND COCOA-BASED PRODUCTS

Products	2018		2019		% Change	
	Volume ('000 Tonnes)	Value (RM Million)	Volume ('000 Tonnes)	Value (RM Million)	Volume	Value
 Cocoa Beans	155.57	1,426.80	110.89	1,075.37	▼ 28.7	▼ 24.6
 Cocoa Butter	89.24	1,576.34	124.59	2,540.41	▲ 39.6	▲ 61.2
 Cocoa Powder	164.80	1,030.67	184.63	1,279.55	▲ 12.0	▲ 24.1
 Cocoa Paste Not Defatted	31.84	439.39	33.39	492.83	▲ 4.9	▲ 12.2
 Cocoa Paste, Wholly or Partly Defatted	7.83	46.82	10.76	70.37	▲ 37.4	▲ 50.3
 Cocoa Shell	0.29	0.14	0.51	0.15	▲ 75.9	▲ 7.1
 Chocolate	53.28	1,031.04	63.95	1,139.77	▲ 20.0	▲ 10.5
<b>Sub-Total</b>		<b>5,551.21</b>		<b>6,598.45</b>		<b>▲ 18.9</b>












Note : Exports of cocoa beans refer to re-export.

Export of cocoa powder include cocoa powder not containing and containing added sugar or other sweetening matter.

Source : DOSM

Tabulated by : Ministry of Plantation Industries and Commodities

## EXPORT OF COCOA AND COCOA-BASED PRODUCTS TO MAJOR COUNTRIES






Country	2018 (RM Million)	2019 (RM Million)	% Share	% Change
 Singapore	1,167.74	1,279.91	19.4	▲ 9.6%
 United States	431.81	814.86	12.4	▲ 88.7%
 Japan	587.81	720.61	10.9	▲ 22.6%
 China	427.48	495.01	7.5	▲ 15.8%
 European Union	208.66	439.74	6.7	▲ 110.7%
 Indonesia	789.05	399.81	6.1	▼ 49.3%
 Turkey	143.12	257.76	3.9	▲ 80.1%
 Thailand	232.7	243.54	3.7	▲ 4.7%
 Russian Federation	163.92	210.64	3.2	▲ 28.5%
 Australia	152.54	195.26	3.0	▲ 28.0%
 Others	1,246.38	1,541.31	6.9	▲ 23.7%
<b>Total</b>	<b>5,551.21</b>	<b>6,598.45</b>	<b>100.0</b>	<b>▲ 18.9%</b>

COCOA

Source : DOSM

Tabulated by : Ministry of Plantation Industries and Commodities











## WORLD COCOA INDUSTRY

Key Indicators		2017/2018	2018/2019	% Change	
	Production ('000 Tonnes)	4,651	4,834	▲	3.9%
	Consumption ('000 Tonnes)	4,596	4,807	▲	4.6%
	Stock ('000 Tonnes)	1,722	1,701	▼	1.2%
	Surplus (+) / Deficit (-) ('000 Tonnes)	+8	-21		
	ICCO Price (USD/Tonne)	2,262	2,268	▲	0.3%

Source : ICCO

**PEPPER**




## PERFORMANCE OF KEY INDICATORS

Key Indicators		2018	2019	% Change
	Planted Area (Hectares)	7,176	7,375	▲ 2.8%
	No. of Smallholders	30,311	34,701	▲ 14.5%
	Production of Pepper (Tonne)	32,292	34,294	▲ 6.2%
	Average Yield (Tonne/Hectares)	6.0	6.2	▲ 3.3%
	Average Price of Black Pepper (RM/Tonne)	10,292	8,389	▼ 18.5%
	Average Price of White Pepper (RM/Tonne)	16,894	14,902	▼ 11.8%
	GDP at Constant Prices 2015 (RM Million)	2,271.57	1,953.25	▼ 14.0%
	Export Value (RM Million)	200.95	145.55	▼ 27.6%
	Export Volume ('000 Tonnes)	11.71	9.82	▼ 16.1%
	<b>Product Global Ranking</b>	<b>6th largest pepper producer</b>		

Source : MPB






## PLANTED AREA AND PRODUCTION OF PEPPER BY REGION

Region			2018	2019	% Change
<b>Planted Area (Hectares)</b>					
	Peninsular		126	130	▲ 3.2%
	Sabah		48	53	▲ 10.4%
	Sarawak		7,002	7,192	▲ 2.7%
	Total		7,176	7,375	▲ 2.8%
<b>Production (Tonnes)</b>					
	Peninsular	Green	28	30	▲ 7.1%
		Black	397	424	▲ 6.8%
		White	142	151	▲ 6.3%
		<b>Sub total</b>	<b>567</b>	<b>605</b>	<b>▲ 6.7%</b>
	Sabah	Black	151	172	▲ 13.9%
		White	65	74	▲ 13.8%
		<b>Sub total</b>	<b>216</b>	<b>246</b>	<b>▲ 13.9%</b>
	Sarawak	Black	22,056	23,410	▲ 6.1%
		White	9,453	10,033	▲ 6.1%
		<b>Sub total</b>	<b>31,509</b>	<b>33,443</b>	<b>▲ 6.1%</b>
	Total	Green	28	30	▲ 7.1%
		Black	22,604	24,006	▲ 6.2%
		White	9,660	10,258	▲ 6.2%
		<b>Total</b>	<b>32,292</b>	<b>34,294</b>	<b>▲ 6.2%</b>

Source : MPB











## EXPORT OF PEPPER PRODUCTS

	Products	2018		2019		% Change	
		Volume ('000 Tonnes)	Value (RM Million)	Volume ('000 Tonnes)	Value (RM Million)	Volume	Value
	Black	9.88	152.50	8.29	111.79	▼ 16.1	▼ 26.7
	White	1.78	46.99	1.50	33.06	▼ 15.7	▼ 29.6
	Green	0.05	1.46	0.03	0.70	▼ 40.0	▼ 52.1
<b>Sub-Total</b>		<b>11.71</b>	<b>200.95</b>	<b>9.82</b>	<b>145.55</b>	<b>▼ 16.1</b>	<b>▼ 27.6</b>

Source : DOSM

Tabulated by : Ministry of Plantation Industries and Commodities

## EXPORT OF PEPPER PRODUCTS TO MAJOR COUNTRIES

Country	2018		2019		% Change		% Share
	Volume ('000 Tonnes)	Value (RM Million)	Volume ('000 Tonnes)	Value (RM Million)	Volume	Value	
 Japan	3.3	68.9	3.6	60.3	▲ 8.4%	▼ 12.4%	41.5%
 China	2.8	44.9	2.0	26.8	▼ 27.6%	▼ 40.4%	18.4%
 Taiwan	1.3	16.0	1.2	13.4	▼ 6.4%	▼ 15.9%	9.2%
 Viet Nam	1.3	14.7	0.8	9.2	▼ 35.9%	▼ 37.5%	6.3%
 South Korea	0.7	12.0	0.6	8.9	▼ 11.1%	▼ 26.1%	6.1%
 Singapore	0.7	11.0	0.6	8.0	▼ 19.1%	▼ 27.4%	5.5%
 Thailand	0.3	8.3	0.2	4.9	▼ 50.0%	▼ 41.6%	3.3%
 European Union	0.5	10.1	0.2	3.9	▼ 56.3%	▼ 61.5%	2.7%
 India	0.1	1.3	0.2	2.8	▲ 100.0%	▲ 116.9%	1.9%
 Philippines	0.3	4.0	0.2	2.5	▼ 29.6%	▼ 38.4%	1.7%
Others	0.6	9.8	0.3	5.0	▼ 49.1%	▼ 49.5%	3.4%
<b>Total</b>	<b>11.7</b>	<b>201.0</b>	<b>9.8</b>	<b>145.5</b>	▼ <b>16.1%</b>	▼ <b>27.6%</b>	<b>100.0%</b>

PEPPER

Source : DOSM

Tabulated by : Ministry of Plantation Industries and Commodities













## WORLD PEPPER PRODUCTION AND CONSUMPTION

Key Indicator		2018	2019	% Change
Production ('000 Tonnes)	Vietnam	230,000	280,000	▲ 21.7%
	Brazil	72,000	80,000	▲ 11.1%
	Indonesia	73,000	78,000	▲ 6.8%
	Others	188,179	164,240	▼ 12.7%
	<b>World</b>	<b>563,179</b>	<b>602,240</b>	<b>▲ 6.9%</b>
Consumption ('000 Tonnes)		208,805	211,355	▲ 1.2%
Excess/Deficit (+/-)		+ 354,374	+ 390,885	

Source : IPC

**KENAF**

## PLANTED AREA AND PRODUCTION OF KENAF IN 2019

State		Planted Area (Hectares)	Production (Tonne)
<b>Fibre &amp; Core Extraction</b>			
	Johor	4.0	73.4
	Kedah	5.0	13.3
	Kelantan	393.5	2,221.7
	Melaka	13.0	120.7
	Pahang	562.5	3,427.4
	Perak	6.0	43.4
	Perlis	36.0	141.3
	Terengganu	342.0	1,141.9
	<b>Sub Total</b>	<b>1,362.0</b>	<b>7,183.0</b>
<b>Seeds Production</b>			
	Kedah	107.1	-
	Pahang	18.0	-
	Perak	8.0	-
	Perlis	235.0	-
	<b>Sub total</b>	<b>368.1</b>	<b>-</b>
	<b>Total</b>	<b>1,730.1</b>	<b>-</b>

Source : NKTB



**KEMENTERIAN PERUSAHAAN PERLADANGAN DAN KOMODITI**  
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