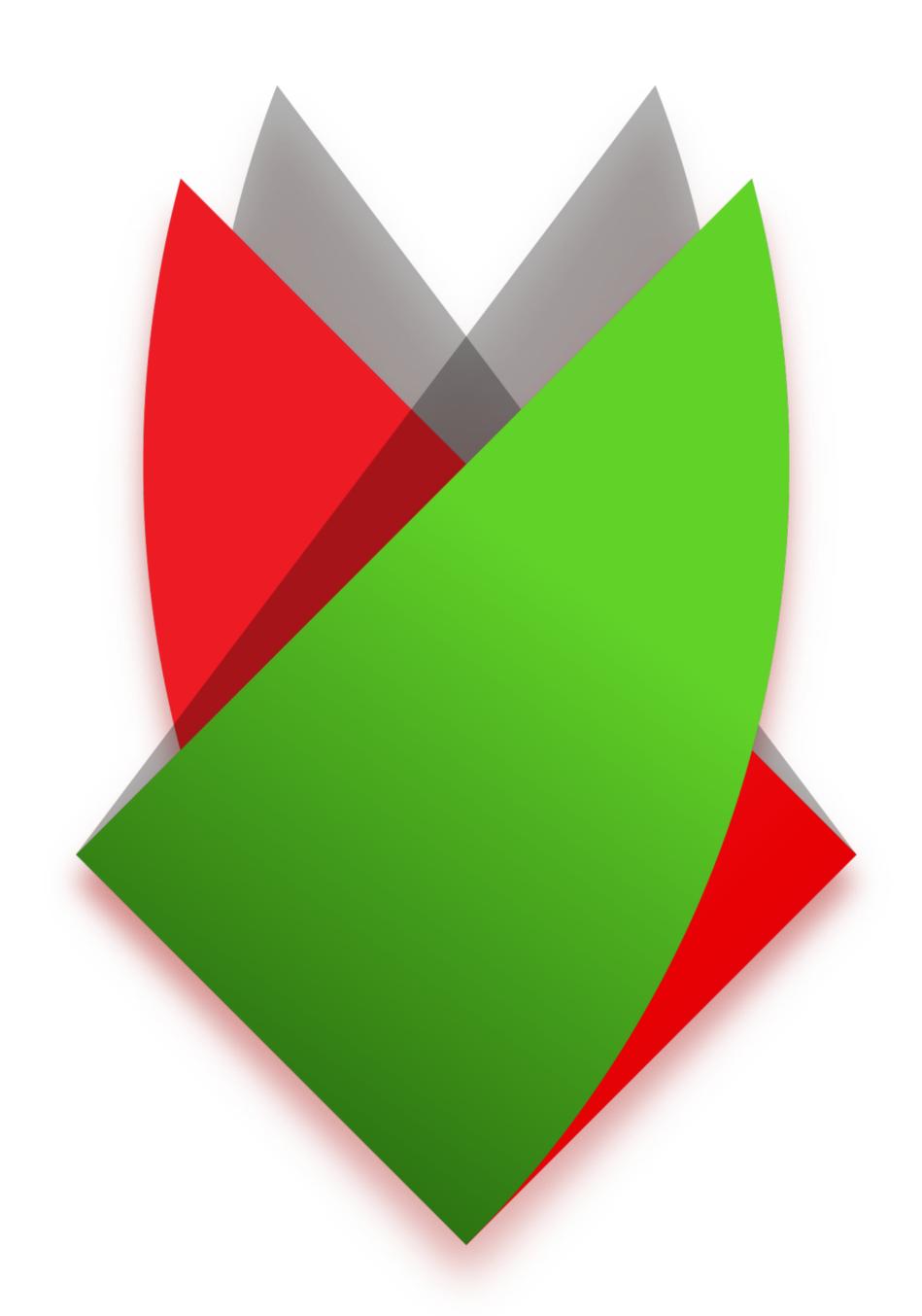


## INTRODUCTION

Through International Pepper Conference 2019 (IPC) at Pullman Vung Tau, Viet Nam from 12th and 14th November 2019, we have received informations sharing from Pepper Producing and Exporting countries from leading farmers, pepper producers, exporters in the world. We would like to summarize the reports and share overview pepper situation in 2019 & forecasts the crop size in 2020. In addition, our pleasure to send you again VIET NAM PEPPER CROP SURVEY 2019 & 2020 under PTEXIM CORP's perspective for reference.

Sincerely thank you!



# PTEXIM CORP

(PTEXIM CORP applied and use new brand identity from now onward)

Source; This report has been compiled based on information and data at IPC conference



### TABLE OF CONTENTS

### COUNTRY REPORT BY PAGE NUMBER:

COUNTRY	PAGE Nº
BRAZIL 💩	3-4
INDONESIA	5-7
Malaysia 🐸	8-9
Sri Lanka	10-11
Cambodia	12-13
CHINA	14-15
INDIA	16-17
VIETNAM 🖾	18-20
CONSOLIDATE	
BY PTEXIM	21-25
CORP	

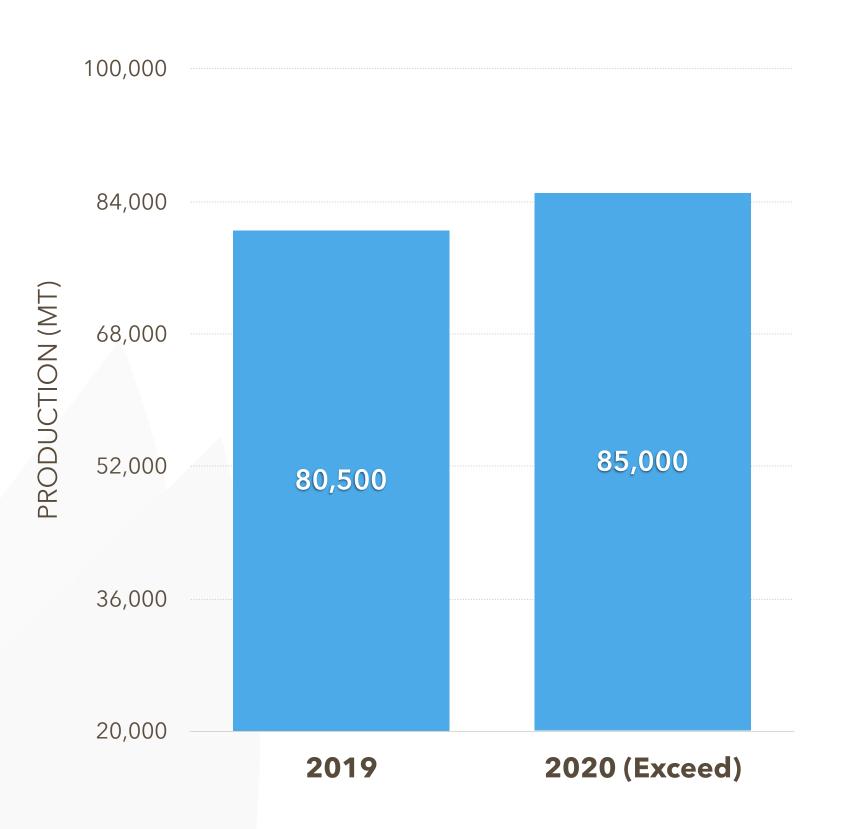


### BRAZIL AT A GLANCE

## PRODUCTION QUANTITY

\* According Royal Golden's report in IPC MEETING 2019, Vung Tau, Viet nam

Year	Production (MT)
2019	80,500
2020 (Exceed)	85,000
CHANGE	4,500
% CHANGE	5.59%

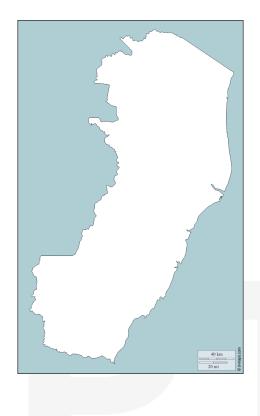


## PRODUCTION AREA

The black pepper harvest in Brazil occurs from August to September in Para and from January to June in Espirito Santo, and may vary in cases of climate change

PRODUCTION AREA

### **Espirito Santos (ES) Production**



- Usual production used to be 10,000-15,000 tons.
- High prices in 2014-2015 encouraged farmers to plant new trees. As a result, production has increased substantially.
- 2019 production is close to **40-42,000** tons
- 2020 production to exceed **40,000** tons (40,000-45,000 tons).

#### PARA (PA) Production



- Usual production used to be **20,000 25,000** tons.
- Number of new plants have increased production.
- 2018 Aug/Sept production was **45,000** tons.
- 2019 Aug/Sept production is somewhat lower to **37,000-40,000** tons due to poor care by farmers and less usage of fertilization.

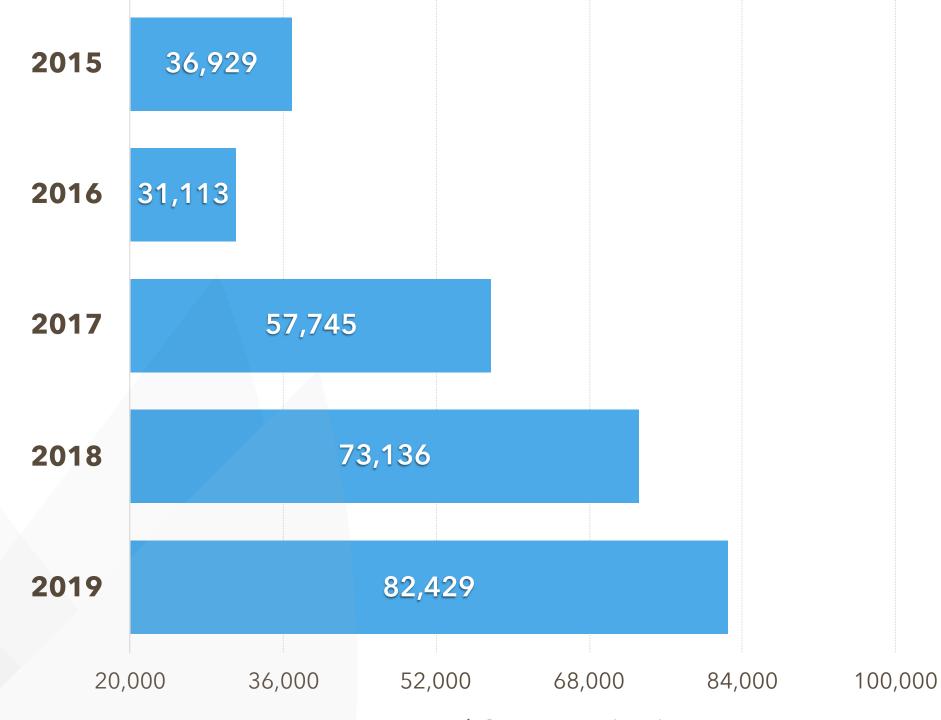


### **BRAZIL AT A GLANCE**

## Exported Quantities in MT for 2015-2019

\* According Royal Golden's report in IPC MEETING 2019, Vung Tau, Viet nam

Month	2015	2016	2017	2018	2019
Jan	3 <b>,</b> 563	4,035	3,710	6,491	7,847
Feb	3,057	4,021	3,350	5,627	9,970
Mar	1,991	3,947	4,137	6,622	8,723
Apr	2,387	1,857	3,373	5,364	7,092
May	1,526	1,205	3,572	2,843	5,360
Jun	1,393	937	2,312	4,393	3,572
Jul	1,556	803	2,975	877	2,838
Aug	2,647	555	5,127	1,448	4,689
Sep	2,927	2,417	8,189	4,856	7,338
Oct	4,969	2,498	7,000	9,963	9,000
Nov	5,305	5,061	7,000	12,896	9,000
Dec	5,608	3,777	7,000	11,752	7,000
Total	36,929	31,113	57,745	73,136	82,429



Exported Quantities (MT)

\*expected volume

### FACT SHEET ABOUT BRAZIL PEPPER

- Cost of production 1500-1800 USD per MT small farmers incur less cost.
- Local Demand of 5,000-6,000 tons is usually fulfilled from Vitoria(ES) due to short distance to industries based in Sao Paulo.



- **Cleaning** is done through old traditional method with **de-stoning** and magnets. However, few exporters have installed spiraled cleaning machines. Some are even considering to install steam sterilized plant.
- 70% of farmers would like to sell their crop in the beginning of the season and 30% would like to hold.
- For the last two years, farmers have stopped new plantation in both regions due to lower prevailing prices.
- Lower prices Farmers and Exporters extra cautions.
- Due to increased in productions, number of exporters have also increased. Few old traditional Japanese companies which stopped pepper business due less production are now back in business.

### CONCLUSION AND PREDICT 2020

- Year of stability. Specially first half
- Range Bound Price 1 3-5%
- Range Bound Price ↓ 1-2%
- Bulk Density 520-540
- (Specially from Para 2020 Crop).
- May reduce due to poor care and less usage of Fertilizers.

2020

- Prices are likely to be:
- Nov-Dec Asta \$1800-1850 FOB
- Jan-Mar Asta \$1750-1800 FOB
- Apr-Aug Asta \$1800-1850 FOB
- If prices fall below \$1800, internal speculators, farmers, and exporters may hold and stock it.
- If Brazil shippers do not consider putting sterilized plant, they are likely to lose further EU market share as safe and sterilized pepper is now easily available from other origins.



### **INDONESIA AT A GLANCE 2018**

\* According Indonesia's report in IPC MEETING 2019, Vung Tau, Viet nam



### PRODUCTION 70.000 MT



### AREA 187.003 HA



EXPORT VOLUME 47.620 TON



#### PRODUCTION AREA

AREA	Pepper Production Area (Ha)	<b>Bangka Belitung</b>					52,81
	52,818	Lampung				45,7	<b>'42</b>
Bangka Belitung		Courth Colohoo		18,142			
Lampung	45,742						
South Celebes	18,142	Southeast Celebes	14	1,824			
Southeast Celebes	14,824	South Sumatera	11,170	)			
South Sumatera	11,170	West Borneo	10,408				
West Borneo	10,408	East Borneo	9,055				
East Borneo	9,055						
East Java	7,726	East Java	7,726				
Bengkulu Bengkulu	4,008	Bengkulu	4,008				
West Java	2,302	West Java	2,302				
		5	11,400	22,300	33,200	44,100	55,000
				PRODUC <sup>*</sup>	TION (MT)		

### Indonesian Geographical Indication



- The biggest pepper producers in Indonesia
- Mostly produce white pepper (known as Muntok)
- Muntok white pepper is registered in National Geographical Indication No. ID G 00000004, dated 28 April 2010\*

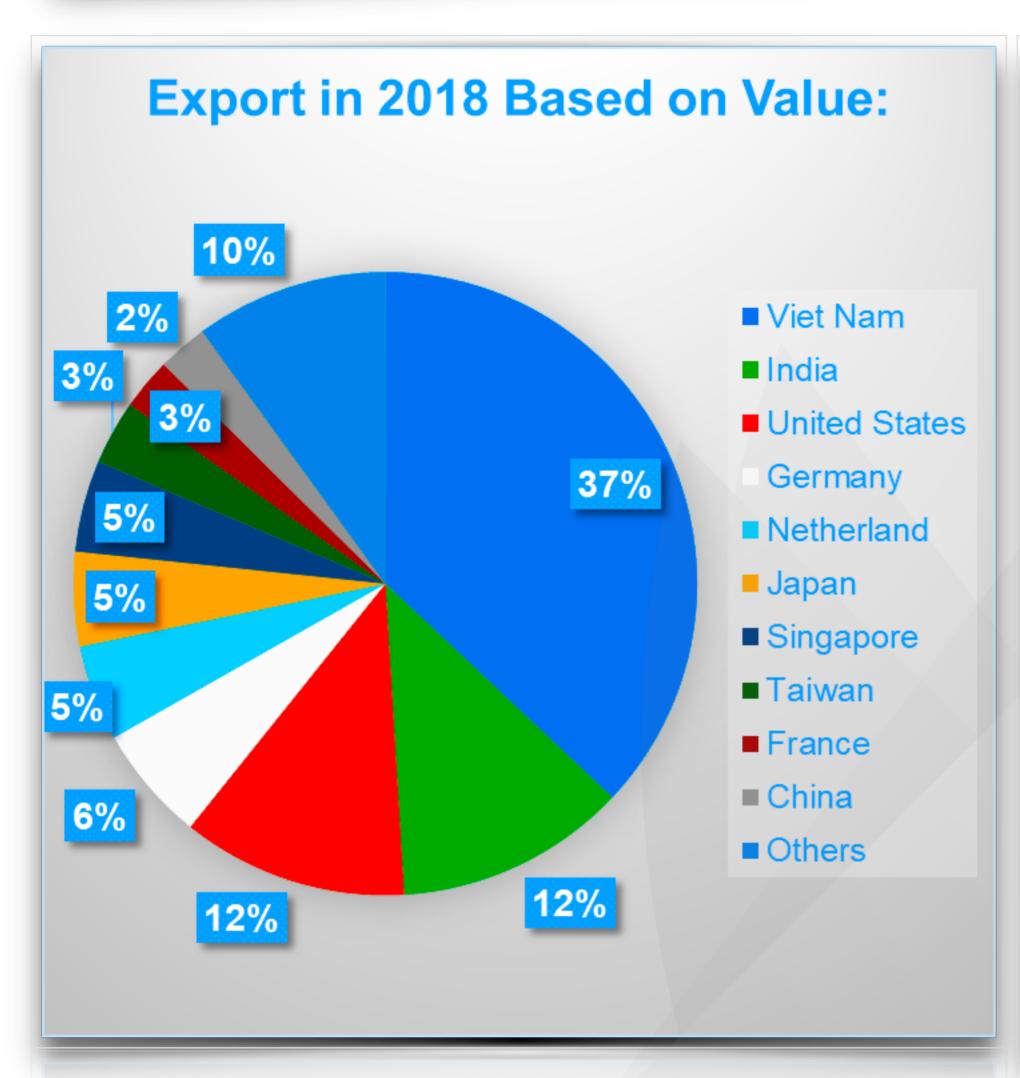


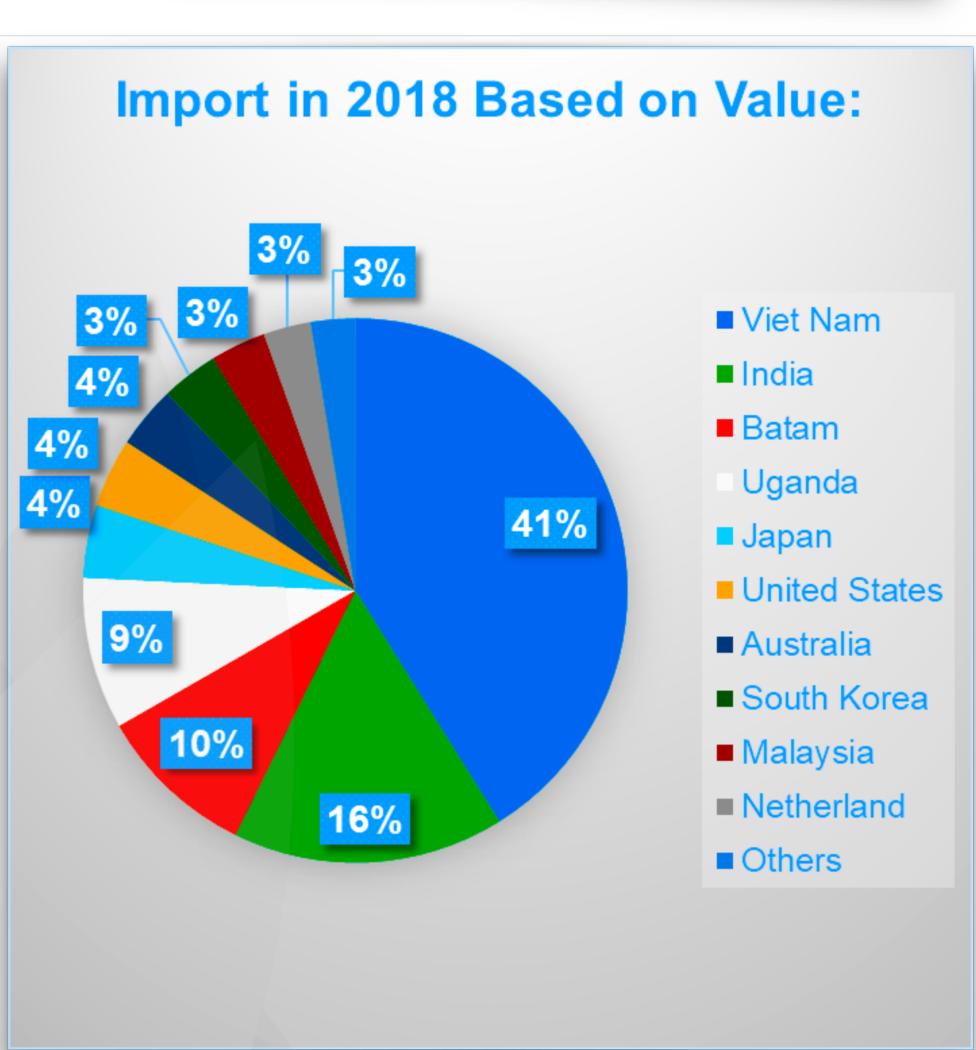
- The second biggest pepper producers in Indonesia
- Mostly produce black pepper
- Lampung black pepper is registered in National Geographical Indication No. ID G 00000042, dated 2 May 2016\*



### **INDONESIA AT A GLANCE 2018**

### INDONESIAN PEPPER TRADE PERFORMANCE IN 2018





## Producer Pepper Price in Indonesia (2018)



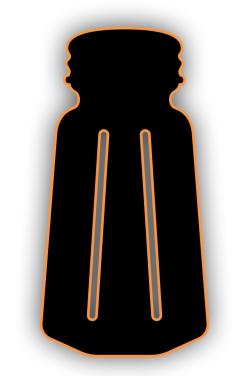
WHITE PEPPER AVERAGE PRICE 2018 (IDR)

AVERAGE PRICE IN OCT
2019 (IDR)

50.302

\*\*CHANGE\*

-34.00% ↓
(compare to Oct 2018)





% CHANGE	-16.00% ↓
AVERAGE PRICE IN OCT 2019 (IDR)	25.551
AVERAGE PRICE 2018 (IDR)	40.044

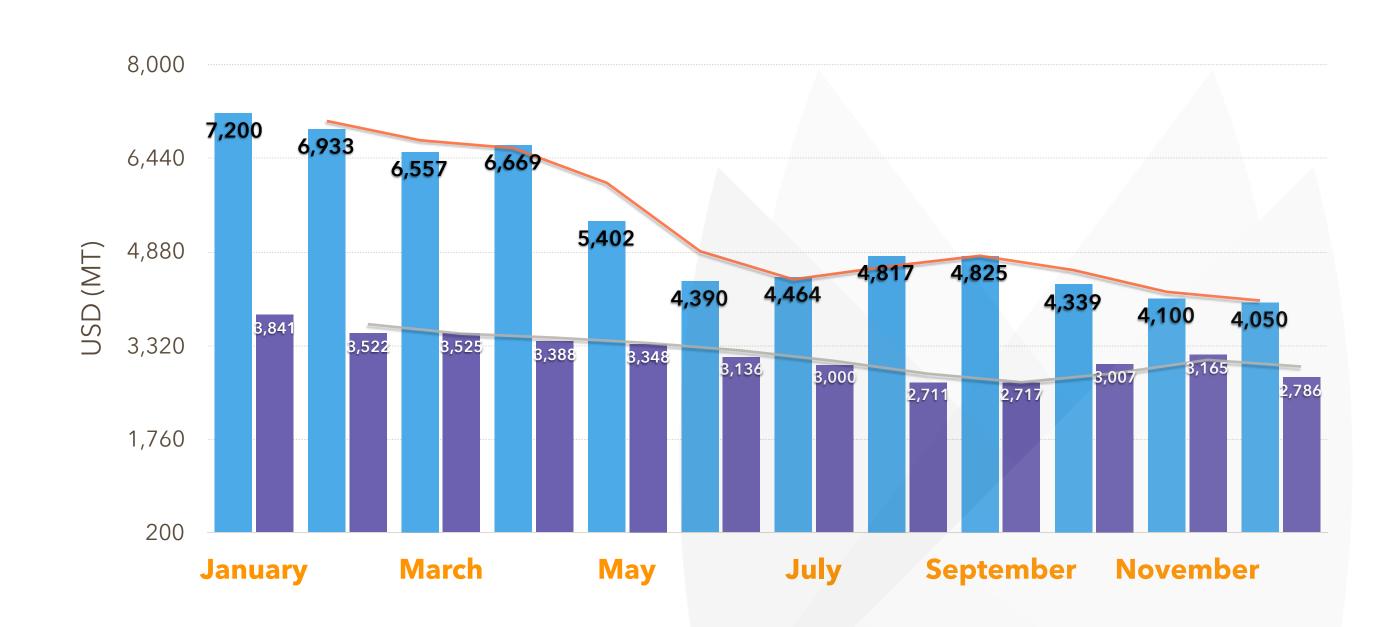
(compare to Oct 2018)

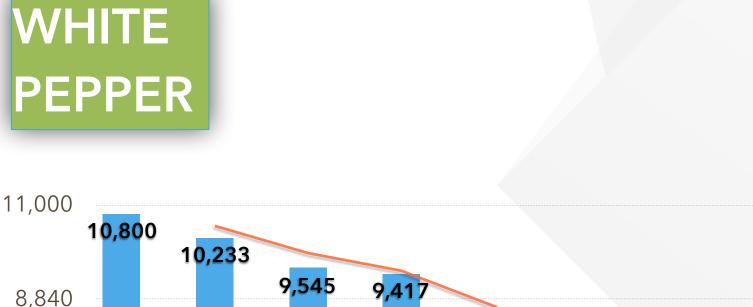


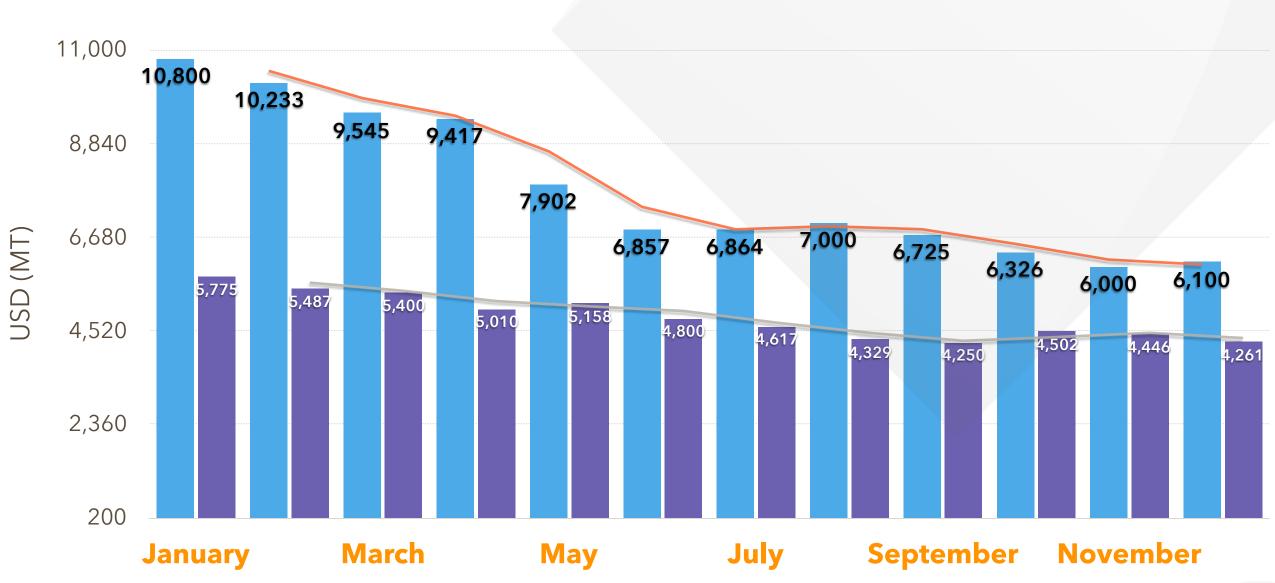
### **INDONESIA AT A GLANCE 2018**

### FOB Pepper Price in Indonesia (2018)









A.O 11-	Bla	Black Pepper		White Pepper 630 g/		
Month	2017	2018	Change	2017	2018	Change
January	7,200	3,841	-47%	10,800	5,775	-47%
February	6,933	3,522	-49%	10,233	5,487	-46%
March	6,557	3,525	-46%	9,545	5,400	-43%
April	6,669	3,388	-49%	9,417	5,010	-47%
May	5,402	3,348	-38%	7,902	5,158	-35%
June	4,390	3,136	-29%	6,857	4,800	-30%
July	4,464	3,000	-33%	6,864	4,617	-33%
August	4,817	2,711	-44%	7,000	4,329	-38%
September	4,825	2,717	-44%	6,725	4,250	-37%
October	4,339	3,007	-31%	6,326	4,502	-29%
November	4,100	3,165	-23%	6,000	4,446	-26%
December	4,050	2,786	-31%	6,100	4,261	-30%

### Government Strategies for Market Instability



- Crop Diversification
- Down-streaming (value added product)
- Farmers' Empowerment
- BUN 500 (free seeds for small farmers)
- Intensification



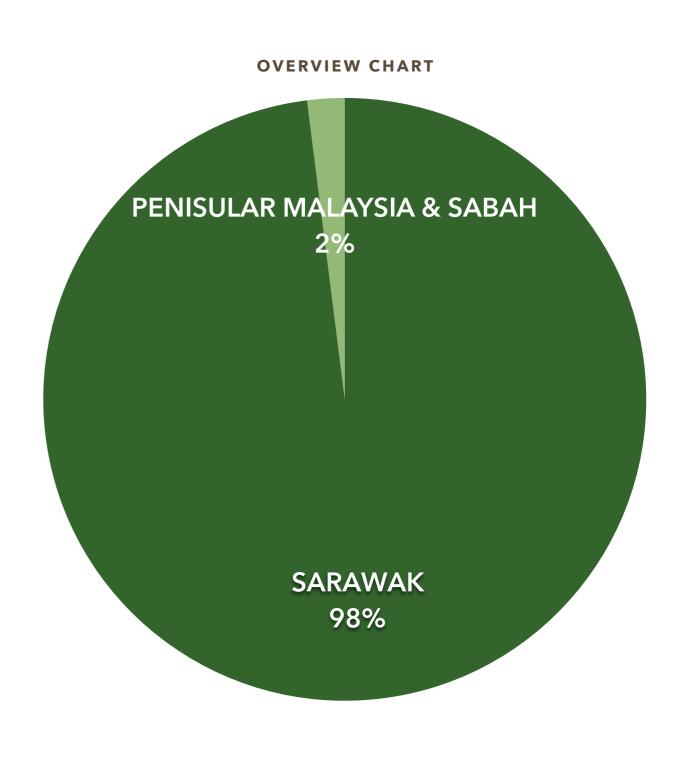
### MALAYSIA AT A GLANCE

\* According Malaysia's report in IPC MEETING 2019, Vung Tau, Viet nam

## PRODUCTION AREA

#### **PRODUCTION AREA**

AREA	MAP	Pepper Production Area (%)
SARAWAK	SARAWAK	98
PENISULAR MALAYSIA & SABAH		2



#### Hectarage Under Pepper Cultivation for 2017 - 2020 (Ha)

YEAR	На
2017	17,078
2020	18,137
% CHANGE FROM 2017-2020	6.20% ↑

### PRODUCTION QUANTITY

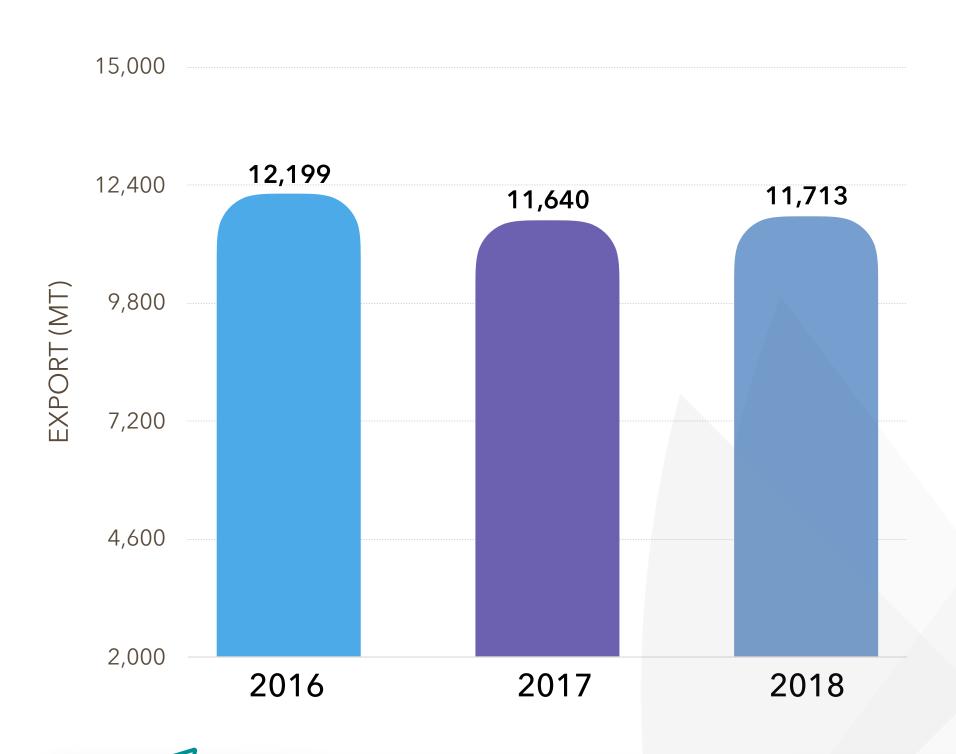
#### TOTAL PRODUCTION

YEAR	TONNES
2020	24,400
2019	24,100
2018	23,800
2017	23,500
% CHANGE FROM 2017-202	0 1.30% †



### MALAYSIA AT A GLANCE

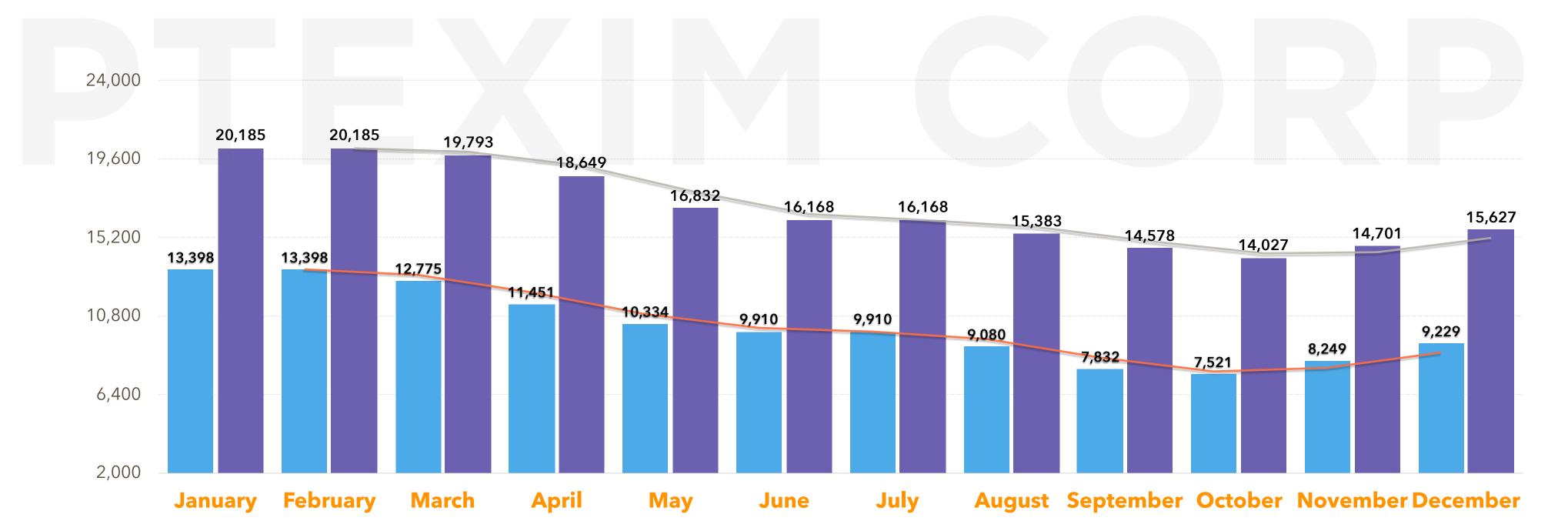
### CURRENTLY STATUS OF PEPPER EXPORTS FROM MALAYSIA



Year	Export (Mt)	Export Valued (USD Mil)
2016	12,199	122.5
2017	11,640	77.2
2018	11,713	50.2

## Monthly average FOB prices in 2018

Month	2018			
	Black Pepper	<b>White Pepper</b>		
January	13,398	20,185		
February	13,398	20,185		
March	12,775	19,793		
April	11,451	18,649		
May	10,334	16,832		
June	9,910	16,168		
July	9,910	16,168		
August	9,080	15,383		
September	7,832	14,578		
October	7,521	14,027		
November	8,249	14,701		
December	9,229	15,627		



## CONCLUSION

- Malaysian pepper industry in the year 2019 is impacted by;
- Rising cost of production
- Supply & demand of pepper
- Global economic
- Pepper prices are governed by international supply and demand; at current price level farmers are having a challenging time to maintain the farm.

2019



### SRI LANKA AT A GLANCE

\* According **Srilanka's** report in **IPC MEETING 2019**, Vung Tau, Viet nam

## PRODUCTION AREA & QUANTITY

#### Hectarage Under Pepper Cultivation for 2017 - 2019 (Ha)

На
39,284
41,000

PRODUCTION QUANTITY

#### TOTAL PRODUCTION

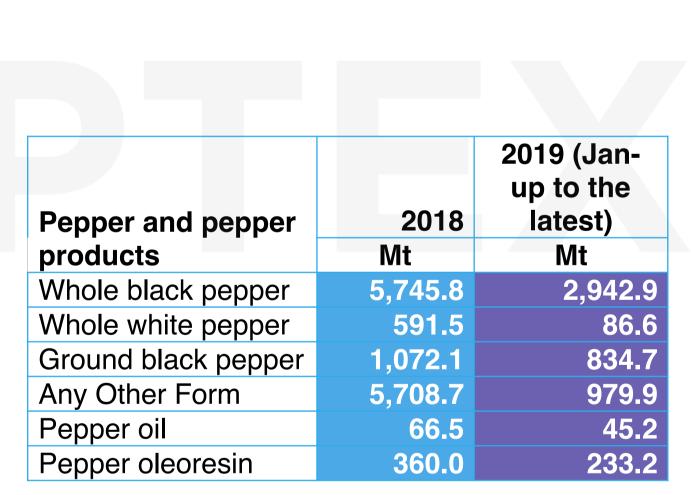
% CHANGE FROM 2017-2019

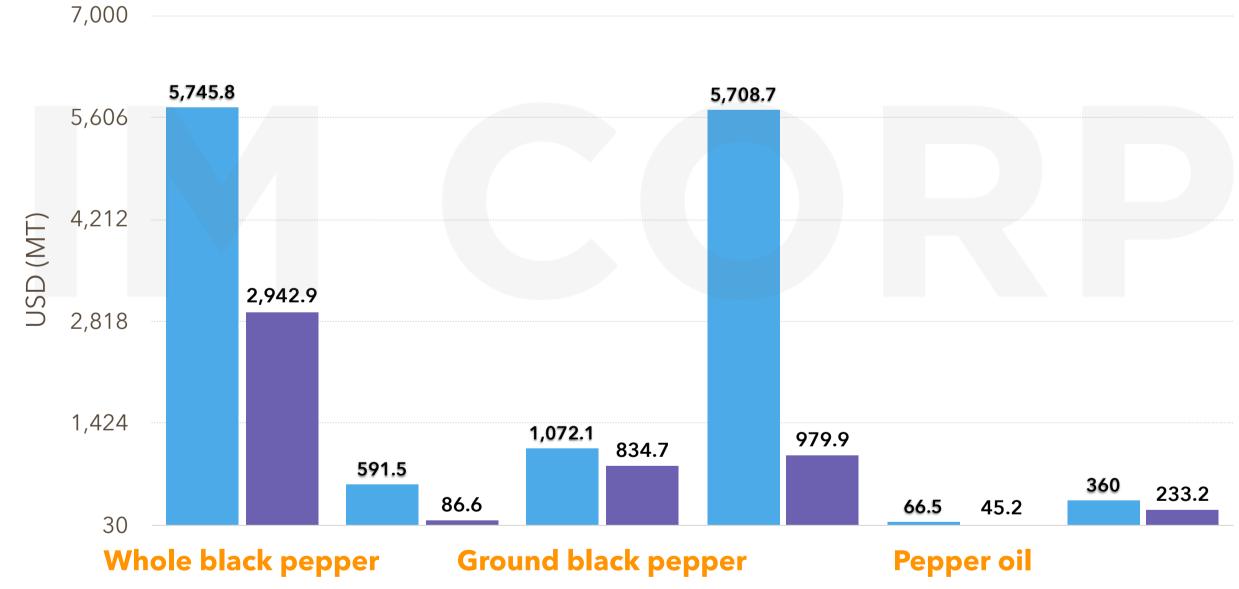
YEAR	TONNES
2020	21,800
2019	19,360
2018	20,135
% CHANGE FROM 2018-202	0 8.27% ↑

### CURRENTLY STATUS OF PEPPER FROM SRI LANKA

4.37%

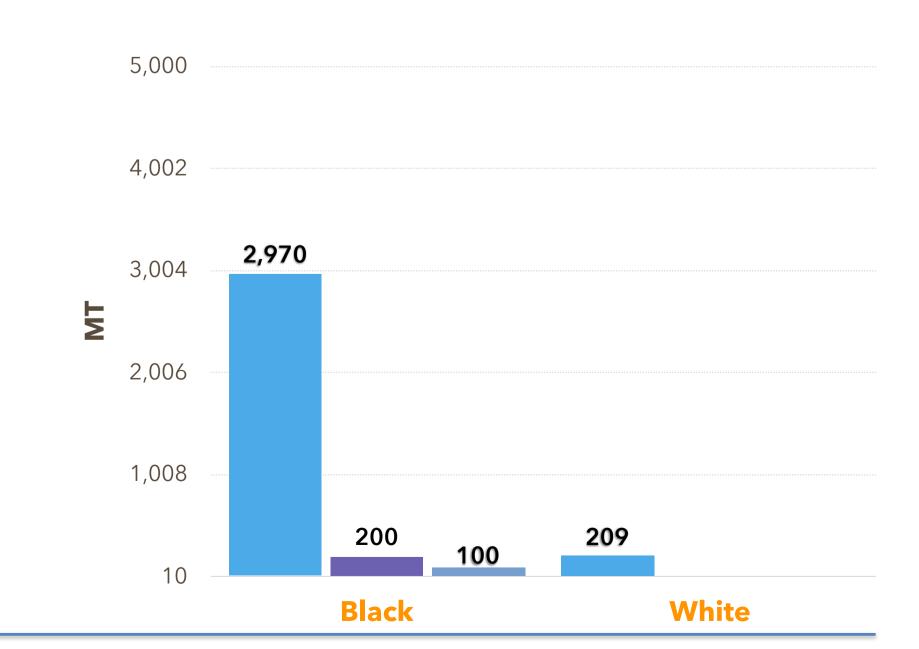
Export of pepper and pepper product in 2018-2019 (MT)





#### Import of Black and White Pepper in 2018, 2019, 2020 (MT)

Year	Black	White	Total
2018	2,970	209	3,179
Estimate 2019	200	_	200
Projection 2020	100	_	100





### SRI LANKA AT A GLANCE

## Marketing Channels

- Pepper trade is mainly controlled by private sector
- Spice council and SAPPTA



- Market promotion
- Quality assurance
- Developing Standards
- Resolve trade related programs



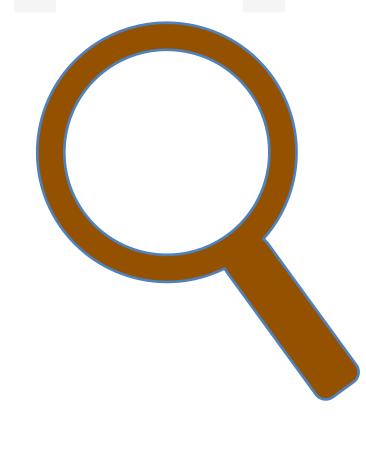
- No signs of recovery of declining of pepper prices.
- Social and political unrest among rural communities.
- Cabinet decision was taken to halt imports of pepper, cinnamon, nutmeg, tamarind and areca nut
- 2018 establishment of spices and allied products marketing board.
- Mission of SAPMB is intervene more positively in markets related issues
- No major changes in tax policies in 2019
- But 2016 government abolished the cess exposed on all exports including pepper



### **Major Problems**



- Drop of prices after 2016 by half
- 2-3 US\$/Kg



- MIP of pepper imposed by India (In Rs 500/-)
- Vietnam pepper re exported to India by misuse of SAPTA
- Traditional domestic market channel is long and comprise with many segmentation.
- Lack of proper regulatory frame work (Registration)

-20.08% 👃



### CAMBODIA AT A GLANCE



\*According Cambodia's report in IPC MEETING 2019 Vungtau, Vietnam

Year	AREA (Ha)	Production (MT)
2018	7,471	20,752
2019	7,471	16,586

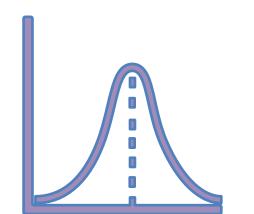
AREA
CHANGE

O - PRODUCTION
CHANGE

-4,166 ↓

% CHANGE

#### CURRENT STATUS OF PEPPER PRODUCTION



% CHANGE

- 1.Fast growth has slowed.
- 2. High quality pepper: higher cost of production.
- 3. Soil and climate are most suitable.
- 4. Taste, aroma and low chemical residue levels.
- 5.Attractive to buyers.
- 6.Capital investment cost is high (\$24-30K/ha).
- 7. High yields compared internationally.
- 8.Use of inputs is key to farm competitiveness.

#### COMMERCIALIZATION OF CAMBODIA PEPPER

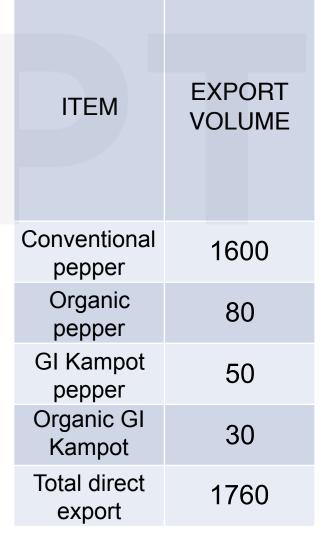


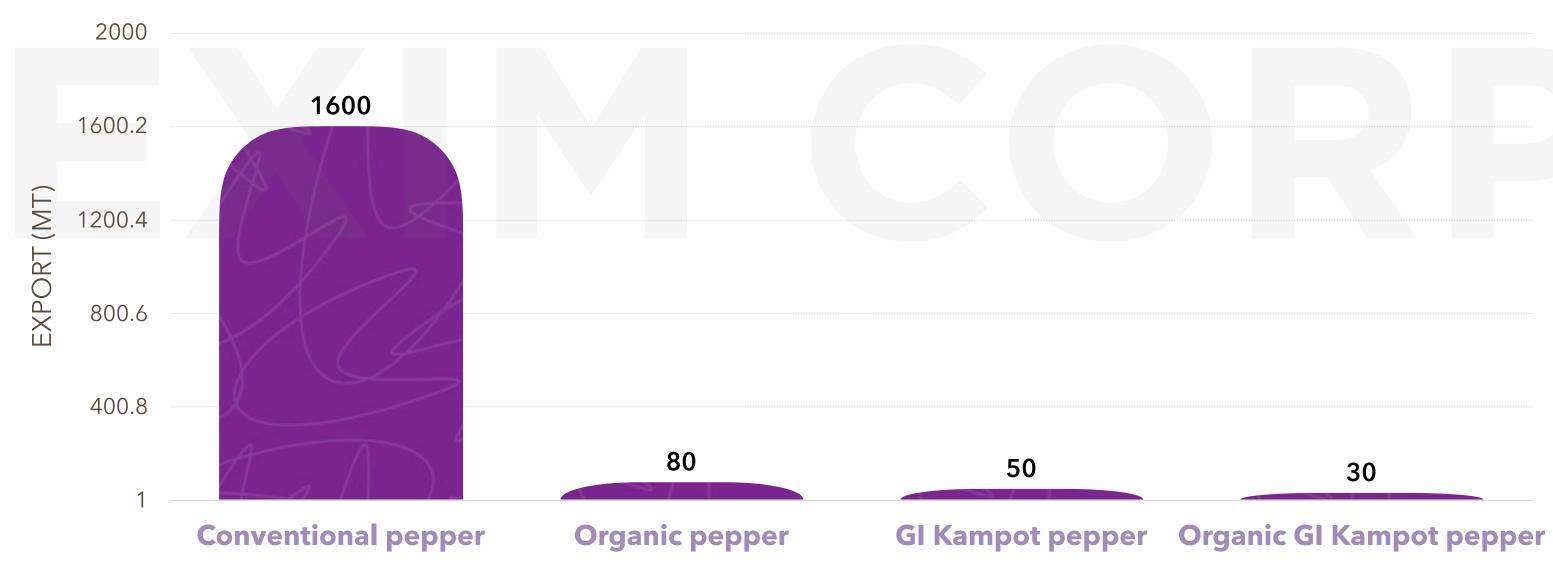
The majority of Cambodian conventional pepper is exported to VN (>70%) and to Thailand (around 20%);

0.00% -

- Direct export to final import countries such as France, Germany, England, Japan, New Zealand, Africa, and China, significantly started in 2016-2017 when pepper price still high and continue to present time;
- Direct export volume is marginal (estimated at 1,200 MT in 2018 and around 2,000 MT in 2019) compared with the pepper volume informally exported to Vietnam and Thailand;
- Only Kampot pepper with Geographical Indication status (around 100 MT per year) is almost all exported directly to final import countries;
- Based on 2017 2019 production data, domestic market demand is estimated at only around 2% 3% of the total country production of pepper.

### Formal Direct export of Cambodia's pepper in 2019

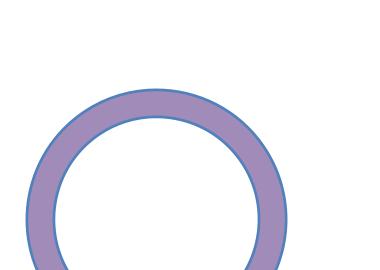






### CAMBODIA AT A GLANCE

### **O**KEY ISSUES IN PEPPER PRODUCTION AND COMMERCIALIZATION



- Undocumented/ informal trade = unfair competition & loss of value.
- Cambodian pepper must be directly exported to realise its potential.
- Effective regulation will stimulate value addition.
- Positive incentives for investment & direct export.
- Easier access to existing incentives.
- Steamlining of export processes.
- Prioritise international trade relations e.g. SPS protocols.



### THE OPPORTUNITY FOR CAMBODIAN PEPPER



- 1. Targeting high value markets.
- 2. Development of processing for export at the primary level of cleaning, grading and bulk packing.
- 3. More complex value addition processes.
- 4. The greater the level of value addition the greater the protection from the low price cycles of the market.
- 5. The higher the price potential of the products and the more likely processors are to pass the benefits on to the farmers.



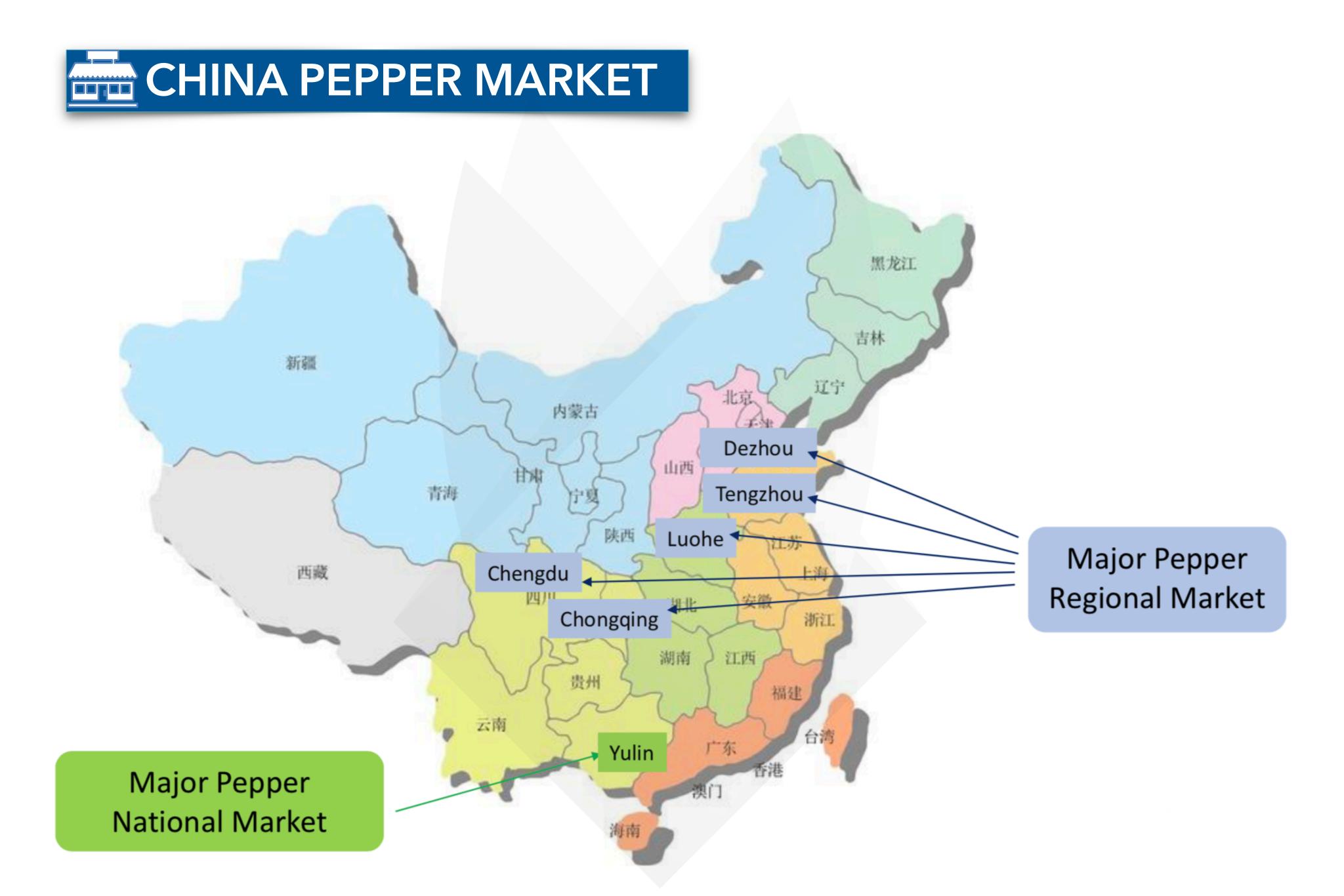
### CHINA AT A GLANCE

\* According China's report in IPC MEETING 2019, Vung Tau, Viet nam

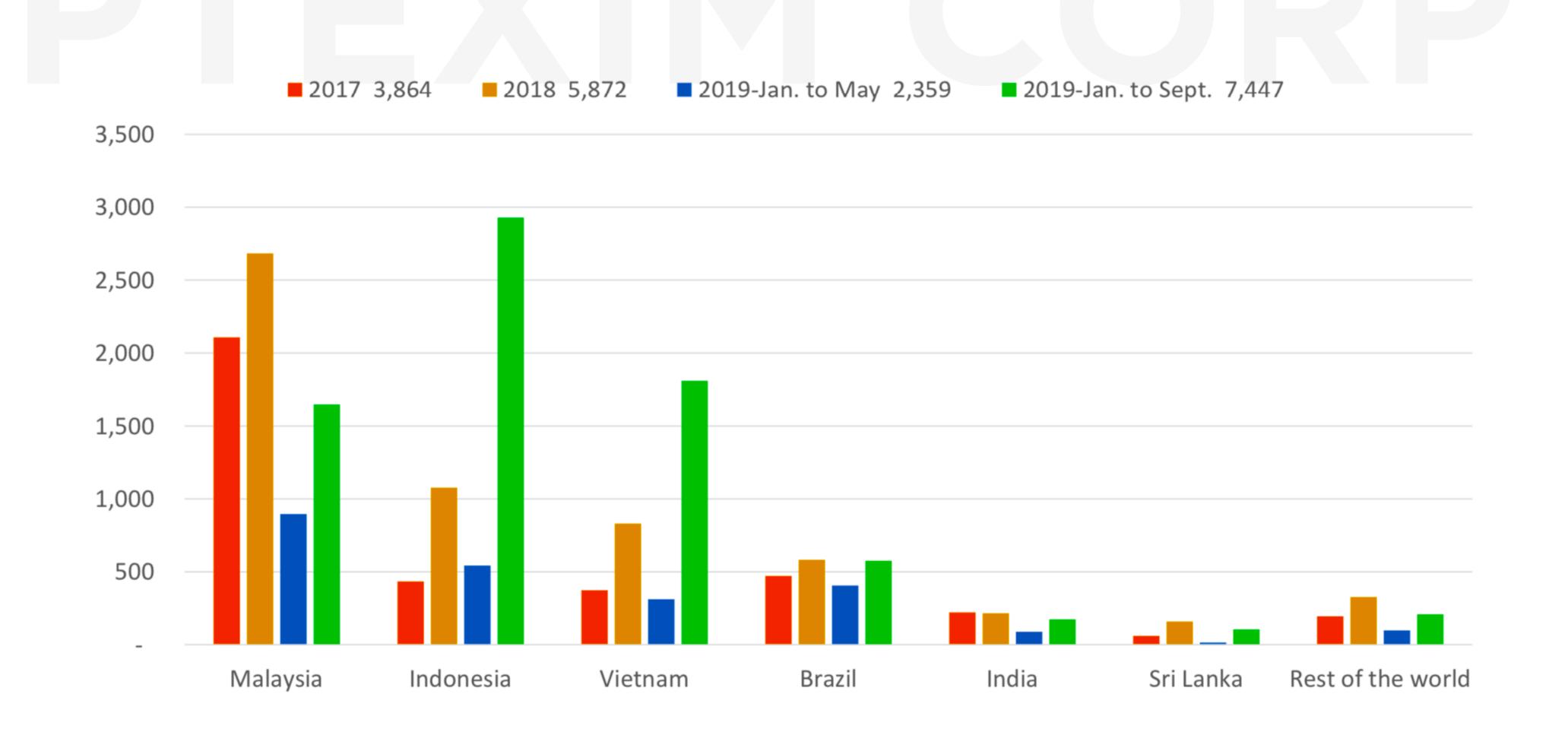
### WHITE PEPPER PRODUCTION



### AREA 18,500 HA



### China Pepper Custom Imports Data (MT)

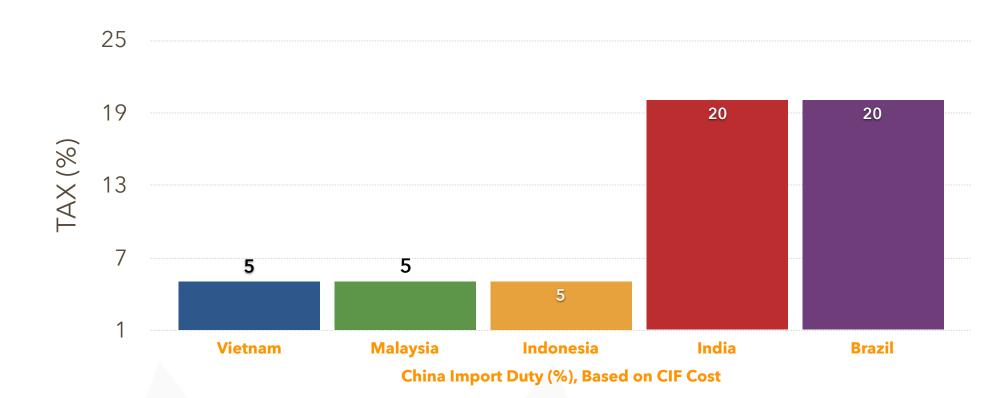




### CHINA AT A GLANCE

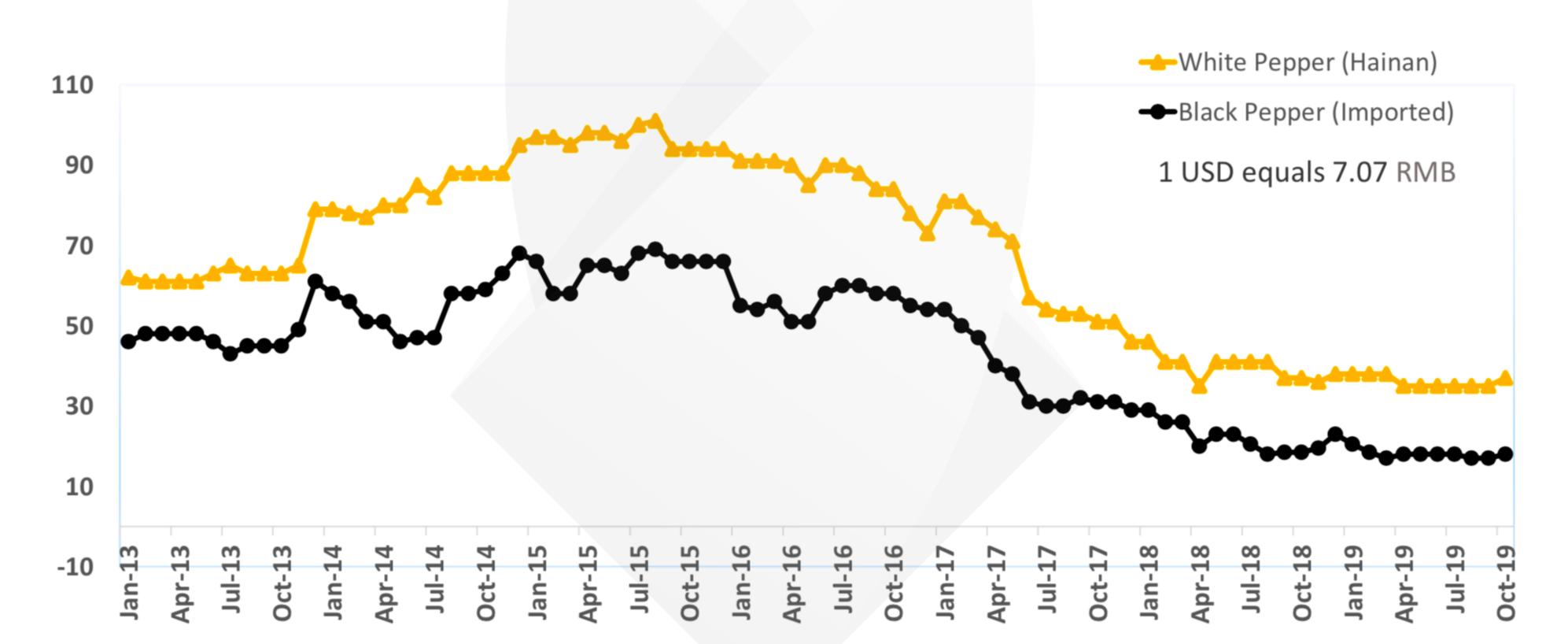
### China Pepper Import Duty & VAT





#### China Black Pepper (Imported) & White Pepper (Hainan) Market Price

#### Historic Price (RMB Yuan/KG): Anguo (Hebei) Market



### China White Pepper Processing Update

#### Challenges for Traditional White Pepper Processing



- High Demand, with More Challenges
- Water Pollution
- Undesirable Odor
- Quality Consistency
- Low Processing Efficiency
- Poor Foreign Material Control
- Poor Micro Control



- 1. China Pepper Market Volume: 70,000 to 80,000 MT
- Previously: Custom formal imports only about 5,000 MT
- Future: Most will be imported through formal custom transactions
- 2. Consistently higher content of volatile oil and piperine after validated micro reduction
- 3. Meet China's national food safety standards GB 2763-2019 for pesticide MRL: 40 pesticides with MRL, others are prohibited
- 4. White Pepper Processing in Hainan
- Hainan province request to stop traditional "water immerse style" white pepper processing by 2021
- Supply:
- Option I: More Hainan plants install new equipment this will temporary increase cost and shrink production
- Option II: Other IPC countries can supply more through formal custom import



### INDIA AT A GLANCE

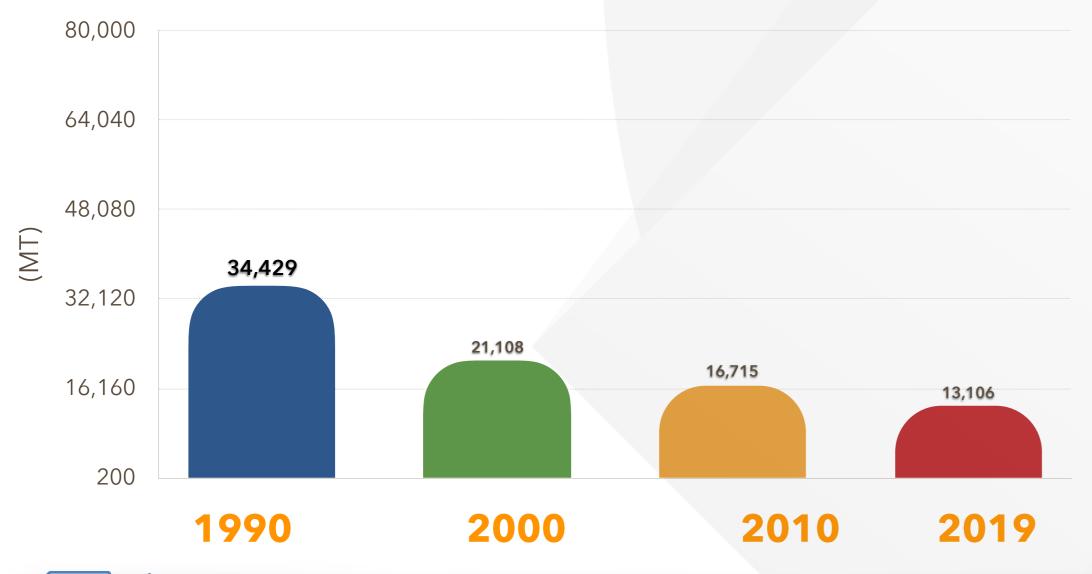
\* According India's report in IPC MEETING 2019, Vung Tau, Viet nam

### PRODUCTION QUANTITY



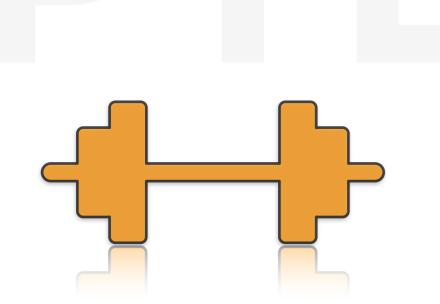
YEAR	QUANTITY
1990	65,000
2000	58,000
2010	48,000
2019	48,000

### **EXPORT QUANTITY**



YEAR	QUANTITY
1990	34,429
2000	21,108
2010	16,715
2019	13,106

## Farm Level Challenges



- Small and marginal farmers
- Presence of large number of old and Senile gardens
- Inadequate quality planting material
- Incidence of pests & diseases both in pepper vines and standards
- Non mechanization of farming activities
- Scarcity of labourers/high labour wages
- Quality Challenges
- Price fluctuations & Cheap imports



### INDIA AT A GLANCE

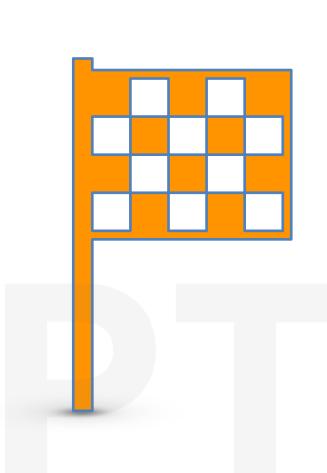
## Initiatives to Enhance Production and Improve Quality

- Production and distribution of high yielding disease free planting materials
- Replanting of old and senile gardens
- Area expansion in non-traditional areas
- Promoting INM/IPM/IDM in pepper
- Mechanization in post harvest management
- Promoting certified organic pepper production
- Quality improvement training programmes
- Demonstrating improved technologies at farmers field



### Strength of Indian Pepper Industry

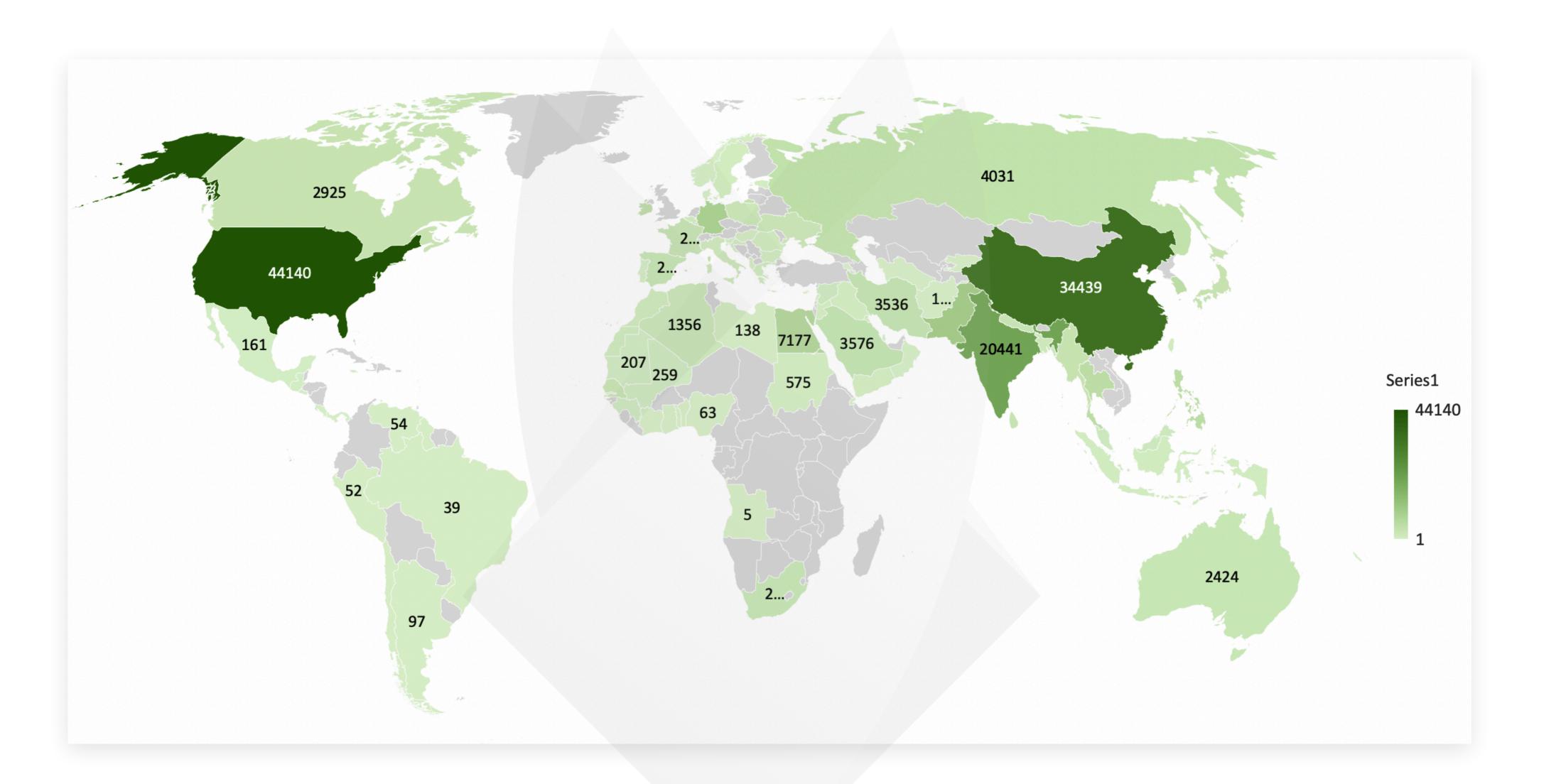
- Superior in Quality
- Strong Domestic Consumption
- Pepper is the livelihood crop of small and marginal farmers
- Supplier of certified organic pepper
- Diversified cultivars/varieties
- Diversified live standards
- Farming system Mostly mixed crop
- Adoption of Indigenous farming practices
- Pepper cultivation gaining momentum in non-traditional areas





\* According Vietnam's report in IPC MEETING 2019, Vung Tau, Viet nam

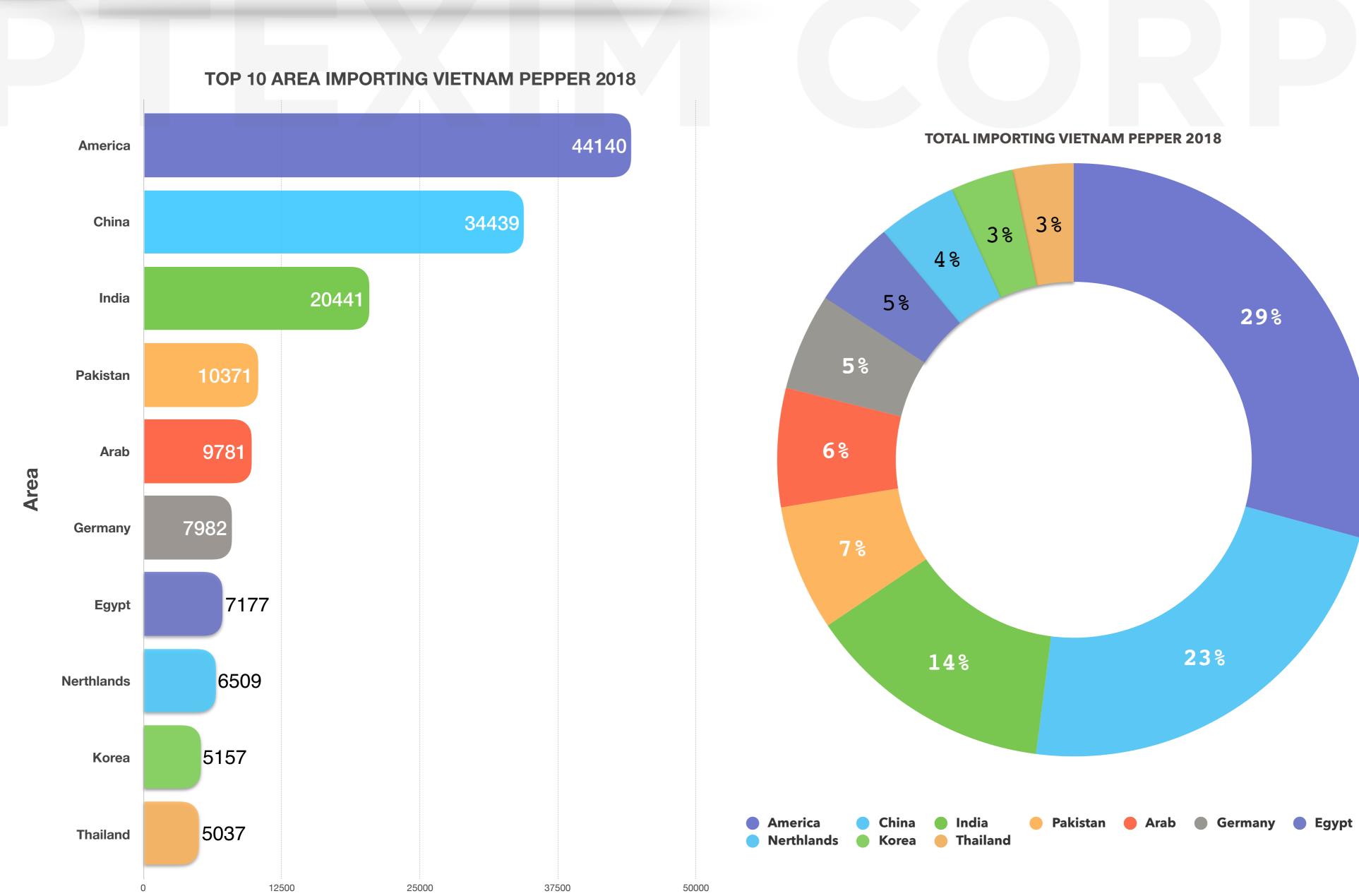
Importing Area of Vietnam Pepper in 2018 (Metric Ton)



### TOTAL IMPORTING PEPPER FROM VIETNAM 2018:

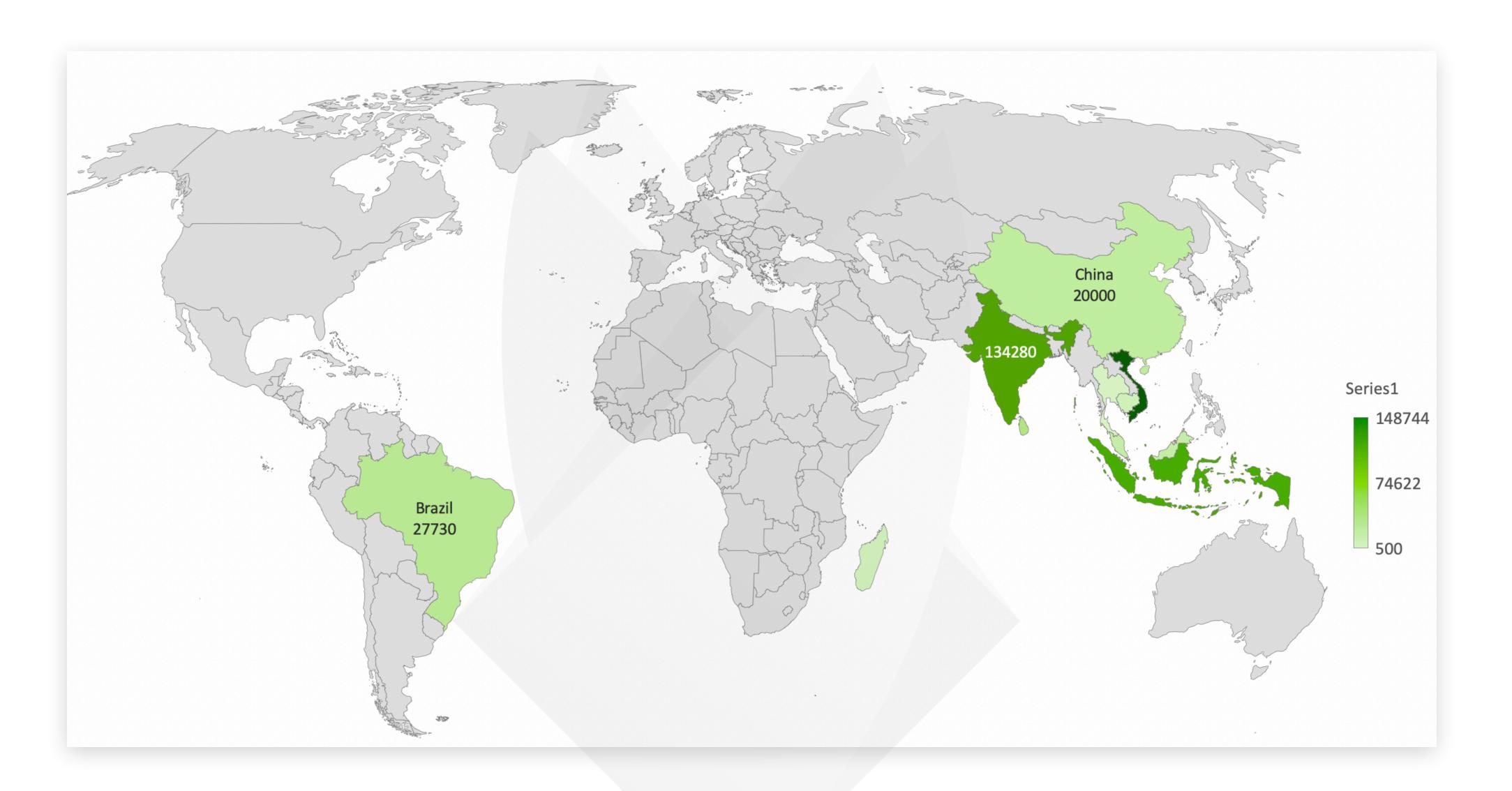


**TONS** 



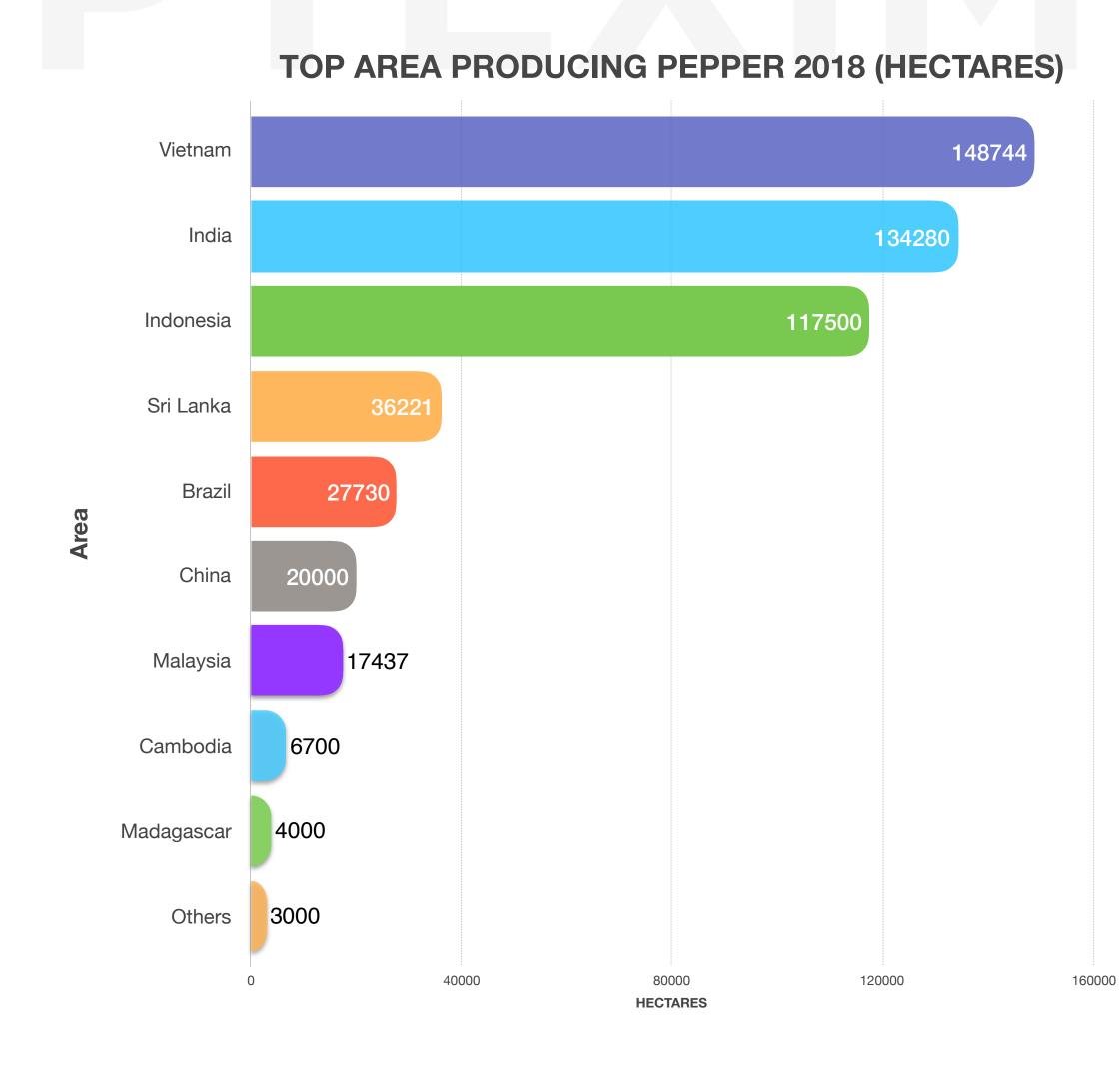


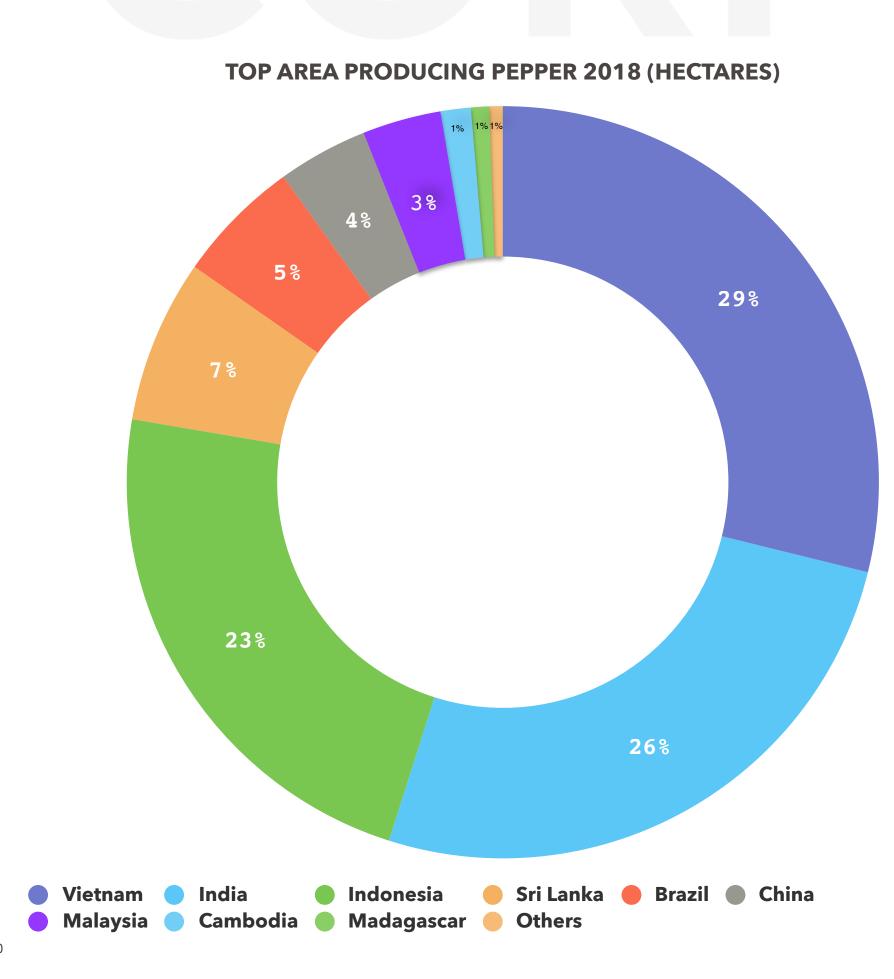
**Producing Area of Pepper Worldwide 2018 (Hectares)** 



### TOTAL PRODUCING AREA OF PEPPER WORLDWIDE 2018:

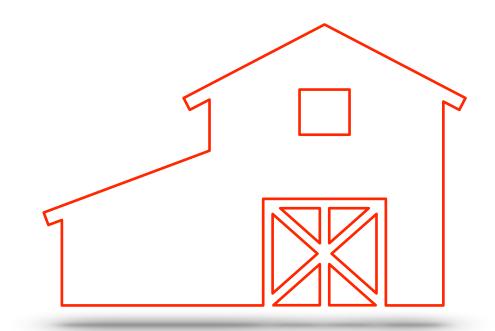




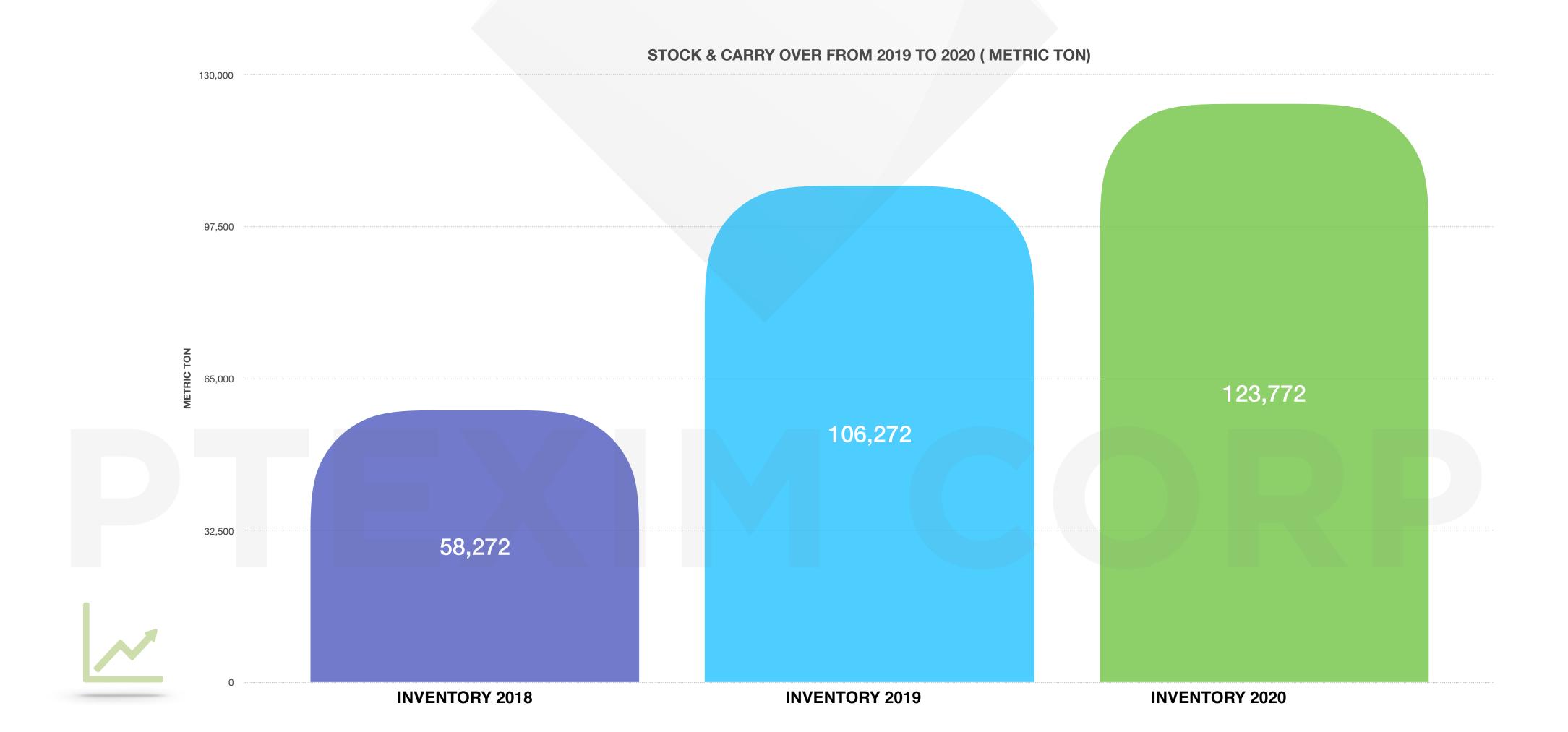




#### **STOCK & CARRY OVER**



			2019			2020								
Items	Inventory 2018	Production	Import	Domestic consumptio n	sumptio Export		Production	Import	Domestic consumptio n	Export	Inventory 2020			
Black pepper	40,334	257,000	25,000	6,200	237,000	79,134	225,000	25,000	6,500	220,000	102,634			
White pepper	17,938	23,000	15,000	800	28,000	27,138	25,000	15,000	1,000	30,000	21,138			
Total	58,272	280,000	40,000	7,000	265,000	106,272	250,000	40,000	7,500	250,000	123,772			



# TOTAL STOCK VIETNAM PEPPER 2018 COMPARED WITH 2019







Global Market Scenario: Production, Export, Import, Domestic Consumption and Carry Over Stocks of Pepper during 2018, 2019 (est) and 2020 (proj)

COUNTRY		20	18 (Ac	tual			2019 (Estimate					2020 (Projection					
COUNTRY	Stock	Production	`	Dom. Cons	Export	Stock	Production	Import	Dom. Cons	Export	Stk Carry	Production	Import	Dom.	Export	Stk Carry	
India	15,920	64,000	11,542	56,500	13,106	brgt 21,856	48,000	14,000	57,000	16,000	forward 10,856	61,000	12,000	<b>Cons</b> 57,500	16,000	forward 10,356	
Black	15,831	62,500	10,106	55,000	11,758	21,679	46,500	12,100	55,500	14,500	10,279	59,500	10,500	56,000	14,400	9,879	
White	89	1,500	1,436	1,500	1,348	177	1,500	1,900	1,500	1,500	577	1,500	1,500	1,500	1,600	477	
Indonesia	14,493	73,000	840	29,500	47,630	11,203	78,000	815	29,750	43,496	16,772	78,000	519	29,750	43,940	21,60	
Black	7,319	28,000	370	15,250	14,840	5,599	30,000	560	15,250	13,496	7,413	30,000	357	15,250	13,940	8,580	
White	7,174	45,000	470	14,250	32,790	5,604	48,000	255	14,500	30,000	9,359	48,000	162	14,500	30,000	13,02	
Malaysia	15,853	31,073	2,565	10,850	11,713	26,928	24,000	2,000	11,150	14,000	27,778	24,000	2,000	11,450	14,000	28,32	
Black	11,189	23,954	1,924	6,510	9,370	21,187	17,872	1,500	6,690	11,200	22,669	17,872	1,500	6,870	11,500	23,67	
White	4,664	7,119	641	4,340	2,343	5,741	6,128	500	4,460	2,800	5,109	6,128	500	4,580	2,500	4,65	
Sri Lanka	8,276	20,135	3,179	11,005	13,118	7,467	19,360	200	11,205	8,150	7,672	21,800	100	11,505	12,250	5,817	
Black	7,976	19,460	2,970	11,000	12,526	6,880	19,110	200	11,200	8,000	6,990	21,500	100	11,500	12,000	5,090	
White	300	675	209	5	592	587	250		5	150	682	300		5	250	727	
Vietnam	28,861	230,000	35,000	6,700	235,889	51,272	280,000	37,000	7,000	270,000	91,272	250,000	35,000	8,000	280,000	88,27	
Black	21,538	210,000	22,000	6,000	209,204	38,334	257,000	25,000	6,200	242,000	72,134	225,000	20,000	7,000	255,000	55,13	
White	7,323	20,000	13,000	700	26,685	12,938	23,000	12,000	800	28,000	19,138	25,000	15,000	1,000	25,000	33,13	
PC Countries	83,403	418,208	53,126	114,555	321,456	118,726	449,360	54,015	116,105	351,646	154,350	434,800	49,619	118,205	366,190	154,37	
Black	63,853	343,914	37,370	93,760	257,698	93,679	370,482	39,360	94,840	289,196	119,485	353,872	32,457	96,620	306,840	102,3	
White	19,550	74,294	15,756	20,795	63,758	25,047	78,878	14,655	21,265	62,450	34,865	80,928	17,162	21,585	59,350	52,02	
Brazil	20,694	72,000	262	6,750	72,580	13,626	80,000	250	6,750	79,000	8,126	78,000	300	6,500	75,000	4,92	
Black	20,354	68,500	262	6,500	69,677	12,939	76,000	250	6,500	75,840	6,849	75,000	300	6,250	72,000	3,89	
White	340	3,500		250	2,903	687	4,000		250	3,160	1,277	3,000		250	3,000	1,02	
China	2,959	35,000	41,000	75,000	2,522	1,437	32,000	62,175	76,000	1,700	17,912	33,000	55,500	80,000	1,500	24,91	
Black	320	2,000	38,000	40,000		320	2,000	55,958	40,500		17,778	2,000	49,000	44,000		24,77	
White	2,639	33,000	3,000	35,000	2,522	1,117	30,000	6,217	35,500	1,700	134	31,000	6,500	36,000	1,500	134	
Thailand	384	5,000	4,239	8,500	418	705	5,000	4,000	8,500	450	755	5,000	4,000	8,500	200	1,05	
Black	384	5,000	4,239	8,500	418	705	5,000	4,000	8,500	450	755	5,000	4,000	8,500	200	1,05	
White	-					-					-					-	
Madagascar	566	5,000	-	2,000	3,314	252	4,000	-	2,000	2,000	252	4,000	-	2,000	2,000	252	
Black	566	5,000		2,000	3,314	252	4,000		2,000	2,000	252	4,000		2,000	2,000	252	
White	-					-					-					_	
Cambodia	2,750	20,752	_	1,000	18,000	4,502	16,586	-	1,000	17,000	3,088	18,000	-	1,000	17,000	3,088	
Black	2,750	20,752		1,000	18,000	4,502	16,586		1,000	17,000	3,088	18,000		1,000	17,000	3,08	
White	-					-					-					_	
Ecuador	297	6,000	135	1,000	4,431	1,001	5,000	100	1,000	4,200	901	5,000	100	1,000	4,400	601	
Black	297	6,000	135	1,000	4,431	1,001	5,000	100	1,000	4,200	901	5,000	100	1,000	4,400	601	
White	-					-					-					_	
Non-IPC	27,650	143,752	45,636	94,250	101,265	21,523	142,586	66,525	95,250	104,350	31,034	143,000	59,900	99,000	100,100	34,83	
Black	24,671	107,252	42,636	59,000	95,840	19,719	108,586	60,308	59,500	99,490	29,623	109,000	53,400	62,750	95,600	33,67	
White	2,979	36,500	3,000	35,250	5,425	1,804	34,000	6,217	35,750	4,860	1,411	34,000	6,500	36,250	4,500	1,161	
TOTAL	111,053	561,960	98,762	208,805	422,721	140,249	591,946	120,540	211,355	455,996	185,384	577,800	109,519	217,205	466,290	189,2	
Black	88,524	451,166	80,006	152,760	353,538	113,398	479,068	99,668	154,340	388,686	149,108	462,872	85,857	159,370	402,440	136,0	
White	22.529	110.794	18.756	56,045	69.183	26,851	112.878	20.872	57.015	67.310	36.276	114.928	23.662	57 - 835	63.850	53,1	



PTEXIM REPORT - Through a preliminary survey of inventory situation and forecast next year's pepper crop, we would like to give you some information in the main material areas for references as follows

## PRODUCTION AREA

1. Daklak
(38,616
hectares)
& Daknong
(36,300
hectares)



- The total area of these two provinces are 74,916 hectares occupy around 50% Vietnam's pepper area (148.744 hectares as previous report)
- - Due to favorable weather and pepper vines are in the good shape period (new pepper planting from 2013 to 2015), the expected output 2020 will increase by over 10% compared with 2019.
- - Total pepper area is almost unchanged because farmers continuing to cultivate/plant new trees to take place of dead pepper vines.

2. Dong Nai Province (19,022 hectares) & Ba Ria Vung Tau (13,161 hectares)



• These are the two provinces adjacent Ho Chi Minh City, so land prices have increased rapidly since 2017/2018. Many locations increased from 2 to 6 times within 1 - 2 years. Many farmers have sold their pepper plantation or converted their land purpose such as; building factories/warehouses/ for renting... The total area of pepper cultivation is expected to decrease by at least 20%.

3. Binh
Phuoc
Province
(17,178
hectares)

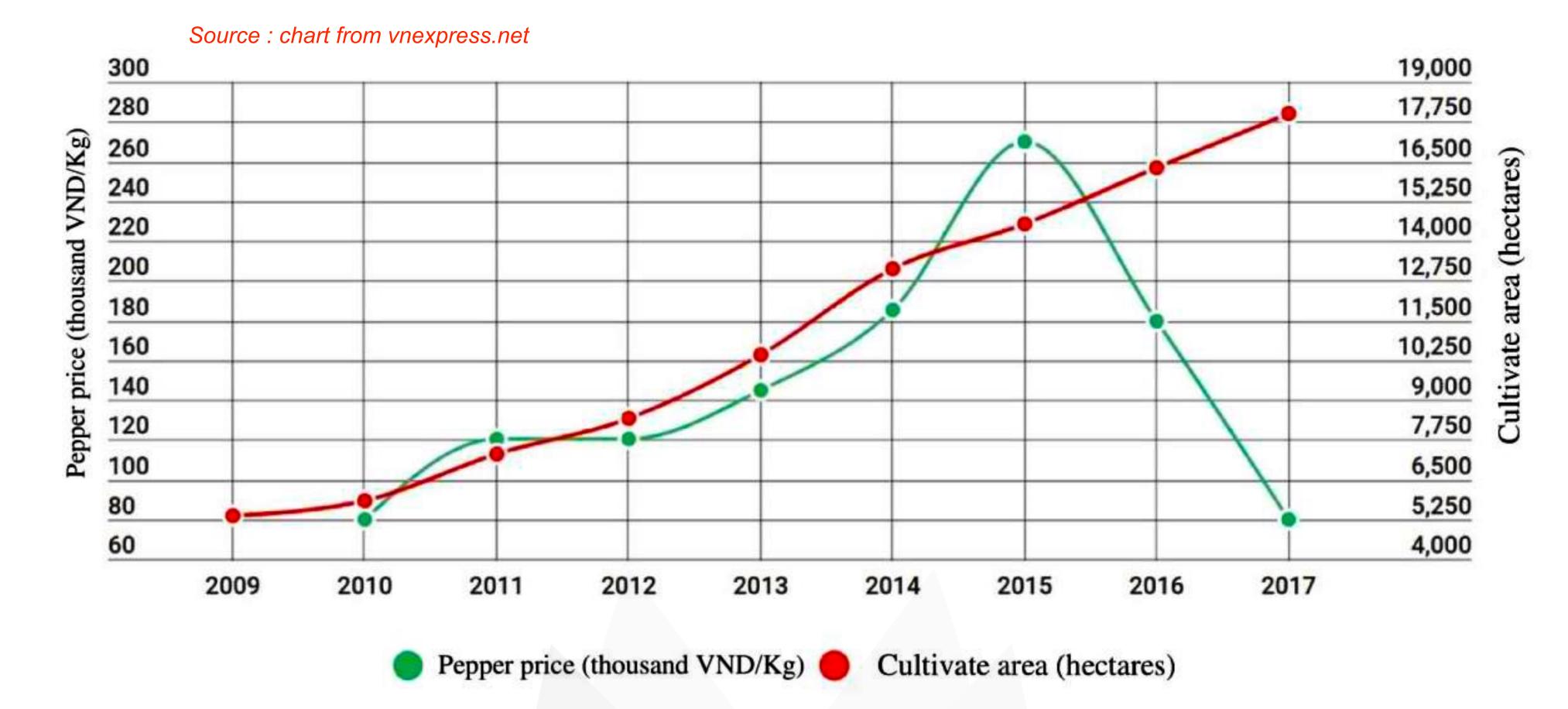


• Planting area has little change but the weather supporting for new crop. However, due to low prices, farmers did not focus on pepper cultivation as before.

4. Gia Lai Province (16,267 hectares)

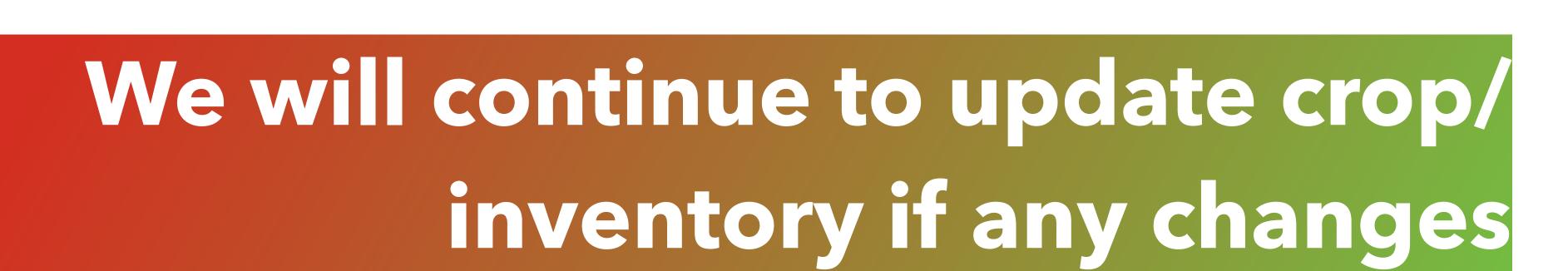


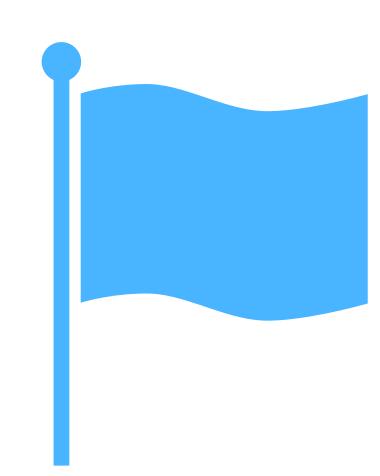
- Since 2017, the pepper plantation of Gia Lai province has continuously decreased sharply due to farmers' inexperience in pepper cultivation, a lot of pepper was dead but farmers could not cultivate another pepper tree due to soil in serious disease and the weather did not support pepper plants in this province.
- Previously, Gia Lai was the pepper capital of Vietnam due to the hot development but now many farmers/collectors... are facing worse financially situation such as; have to sell land/their house/pepper plantation to pay loans from the bank, black credit ...
- It is expected that production will be decreased by 60% in the next crop and likely pepper crop in Gia Lai province not possible to recover in the next few years.
- 5. Another 8,200 hectares in 17 diffirent area
- 8.200 hectares scattered in many different provinces with constant natural conditions, we temporarily assess the output is similar compared to 2019.



### **SUMMARY**

- Total output declines in most areas in Vietnam. Only Daklak and Daknong, production is expected continue to increase due to favorable weather conditions, pepper is in a healthy phase although farmers reduce fertilization/pesticides. Currently, these two provinces occupy 50% of Vietnam's pepper area but total production will around 60% 65% at least in the next crop 2020
- Although pepper prices now has decreased roughly 25% compared to January 2019, farmers in key areas still suppose pepper as a major agricultural and they could not convert to another agriculture product in nearest future
- In most of the surveyed farmers/collectors/speculators, there are still has a lot of inventories, even inventories from 2017. Many different forecasts on specific numbers but we will not be surprised if carry over this year is above 70 80.000 metric tones. This is also an impact on raw material prices in the coming year
- Expected Daksong district of Daknong province will be harvested during second half of December 2019. The main crop of Vietnamese pepper remains unchanged after Lunar New Year in February & March 2020
- Vietnamese pepper quality is improving due to price now very low, almost farmers have to reduce fertilizer, not use pesticides to reduce their production costs
- The total cultivated area may be reduced from 10% 15% and crop size maybe reach around 250 270.000 metric tones in 2020
- Price now very attractive and maybe continue come down in peak season next crop, however, the importer/buyers not much risky like before. My own opinion stockpile should be under consideration

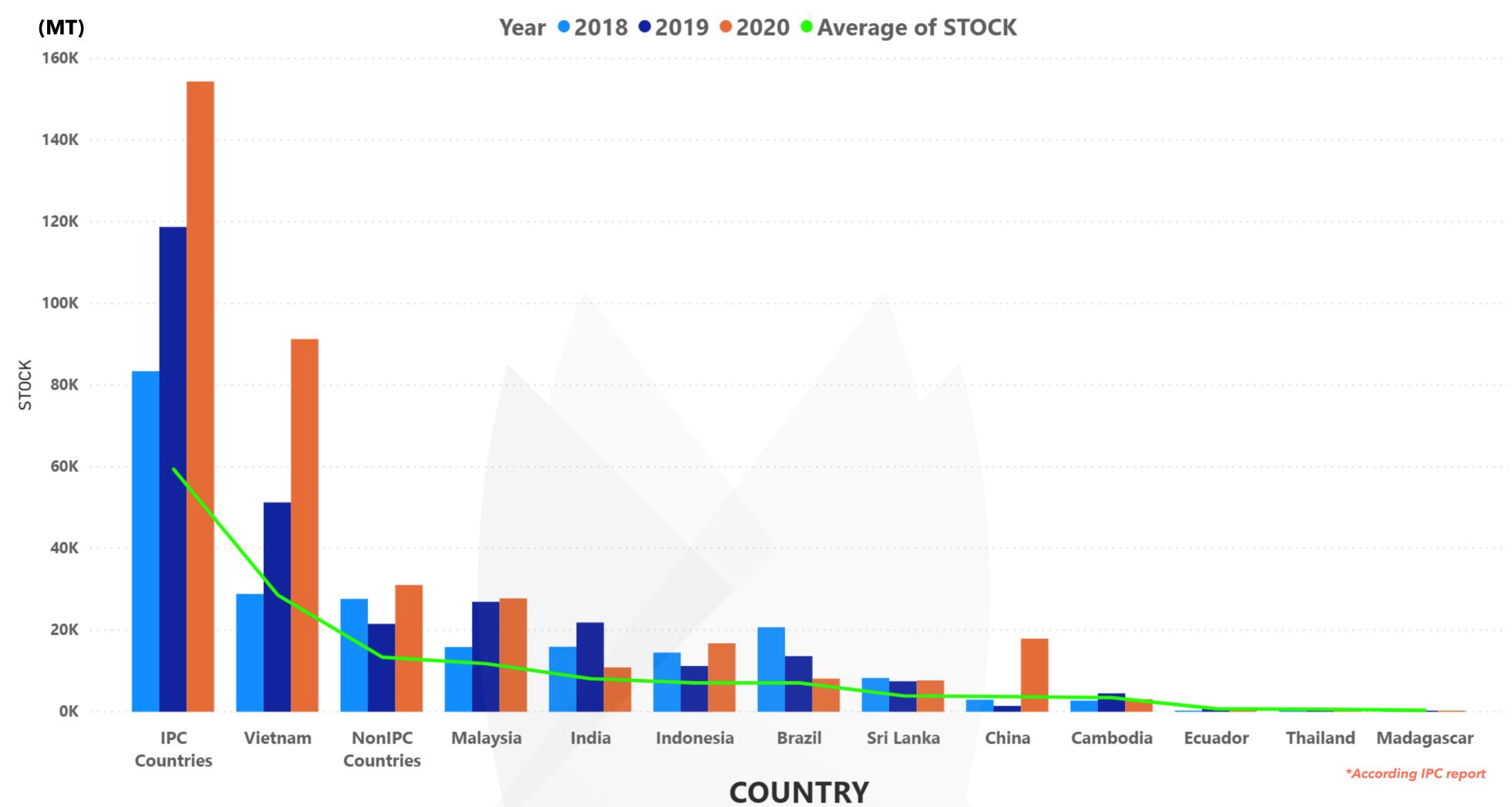


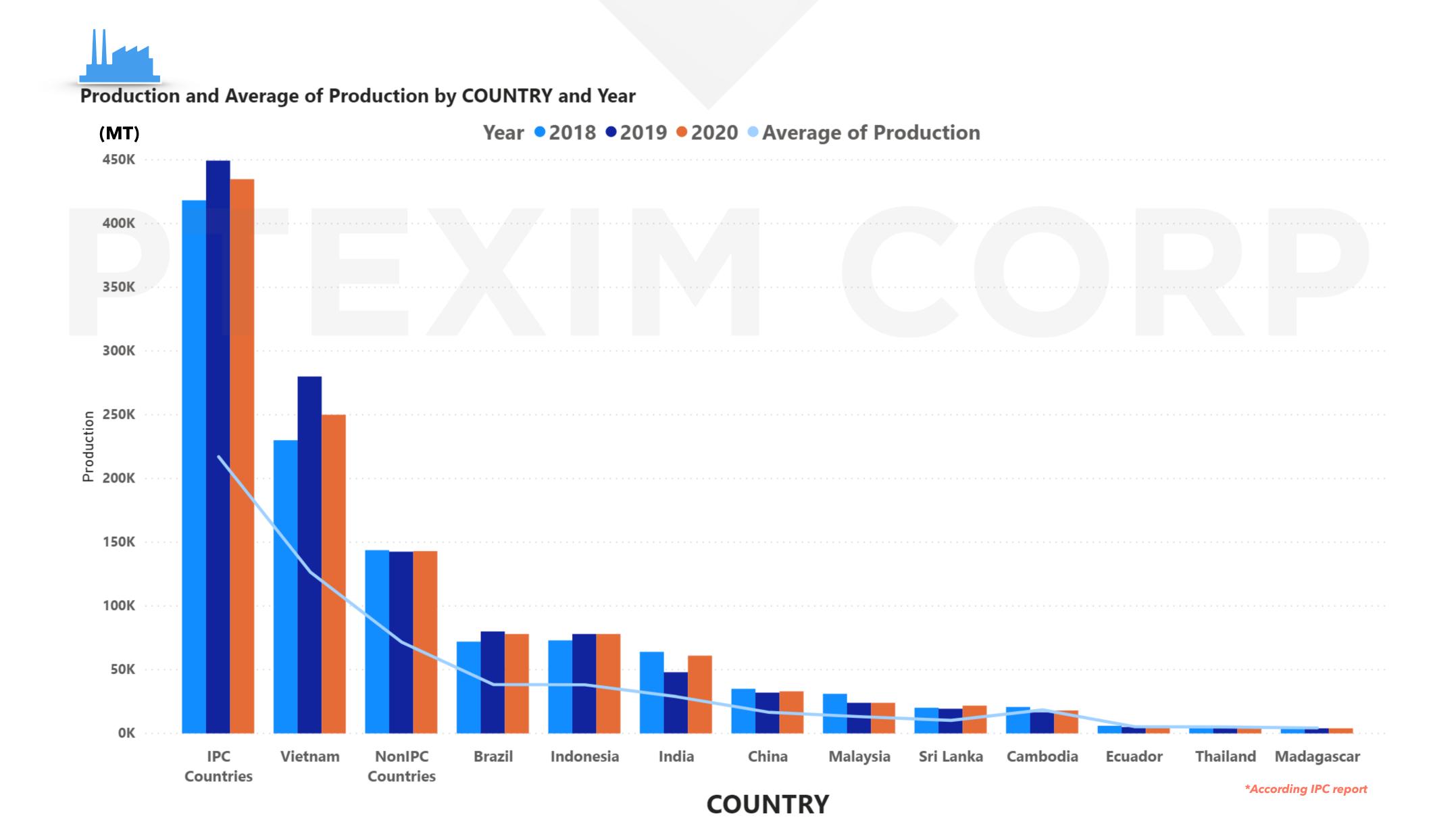




# OTHER OVERVIEW CHART FOR REFER EXPORT, IMPORT QUANTITY WORLDWIDE PERIOD 2018 - 2020





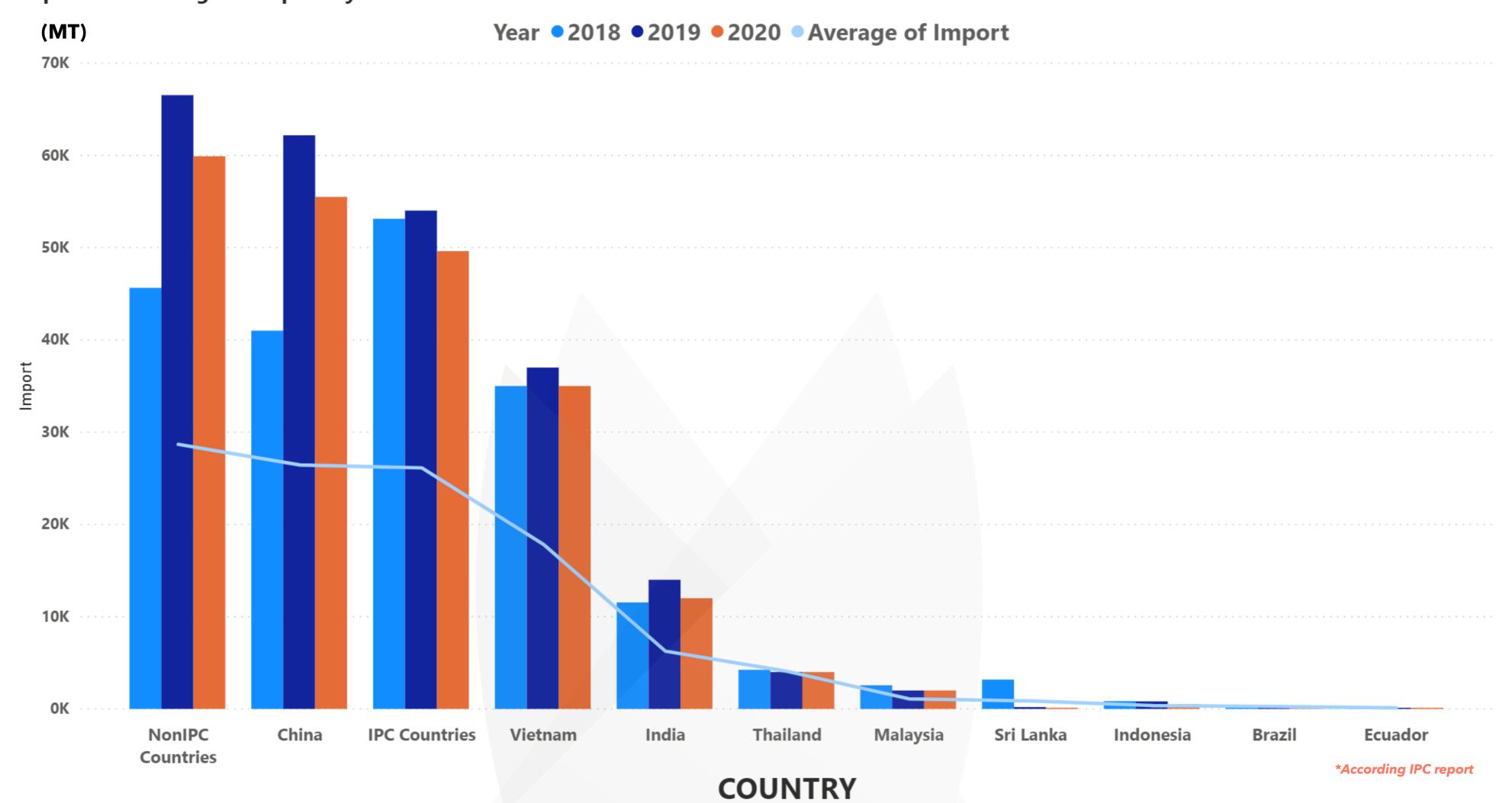




# OTHER OVERVIEW CHART FOR REFER EXPORT, IMPORT QUANTITY WORLDWIDE PERIOD 2018 - 2020

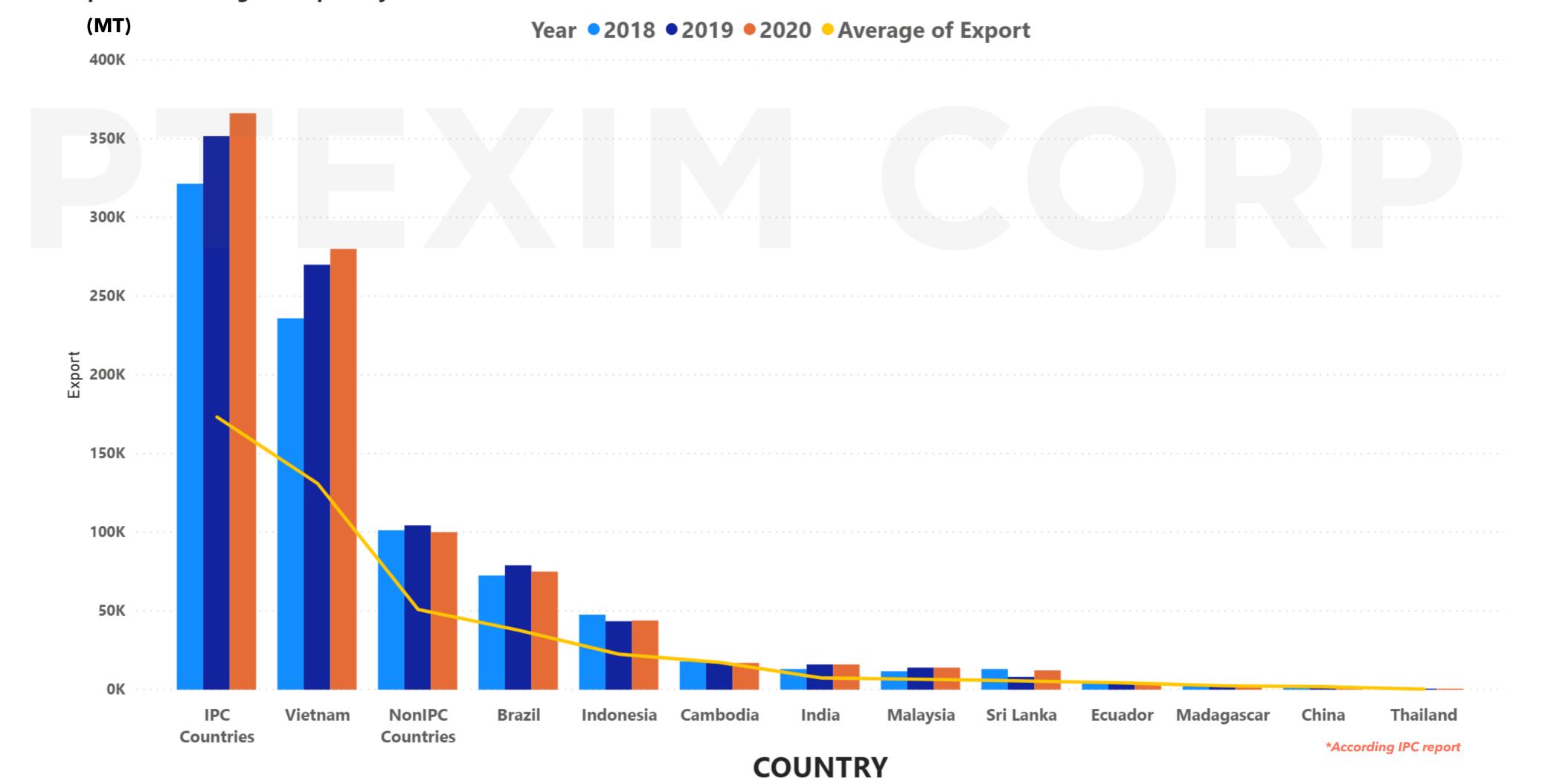








#### **Export and Average of Export by COUNTRY and Year**







PTEXIM CORP focusing sustainable program with farmer and co-operative. We can supply Pepper/Star Anise/Cassia... EU/ KFDA/FDA compliance around 1.500 - 2.000MTs per year



PTEXIM CORP is implementing Organic pepper project with cooperatives in Ba Ria Vung Tau & Dak Nong provinces. It is expected that by the end of the first quarter of 2020, Ptexim will supply Organic pepper products to domestic and international markets

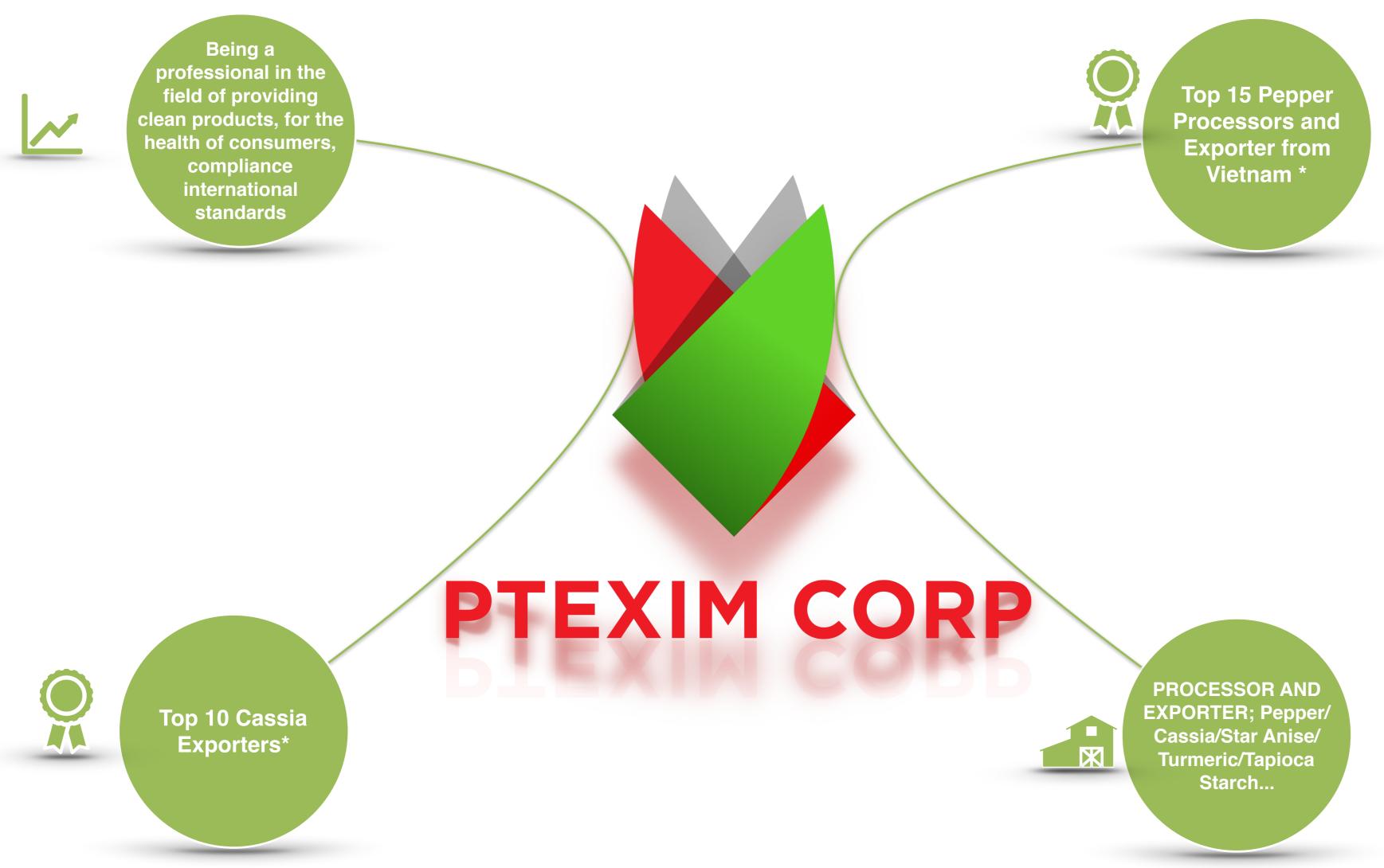


The largest FOOD FACTORY in Ba Ria Vung Tau province is under construction. We focusing Steam Sterilized Product, during first quarter 2020 we can offer all Steam Sterilized Spices product like Steam Sterilized Ginger/Chili/Turmeric/Cassia/ Star Anise.... with BRC/SEDEX certification



**DEVELOPING** two brands for domestic Market, know as **Sun Spice** and **Viet Spice** developing a network to supply spices product.

belong to **PTEMXIM CORP** and



## Thank You and Warm Regards!



#### PTEXIM CORPORATION



Whatsapp/Viber/Wechat/Cell Phone; + 84 902 222 295

\* Customs data and Vietnam Pepper Association



Email: <a href="mailto:spices@ptexim.com.vn">spices@ptexim.com.vn</a> & <a href="mailto:info@ptexim.com.vn">info@ptexim.com.vn</a>



Website: www.ptexim.com.vn



Thead Office: 43, Street 17, An Phu Ward, District 2, Ho Chi Minh City



Representative Office: Central Park Office Building 208 Nguyen Trai St., Pham Ngu Lao Ward, Dist.1 Ho Chi Minh City

#### PTEXIM CERTIFICATE











11873299846



**APPLYING IN 2020** 





