



Thai Rice Bran Oil Industry

Prasert Setwipattanachai

Surin Bran Oil Co.,Ltd.

Thailand

Rice Bran Oil Companies in Thailand

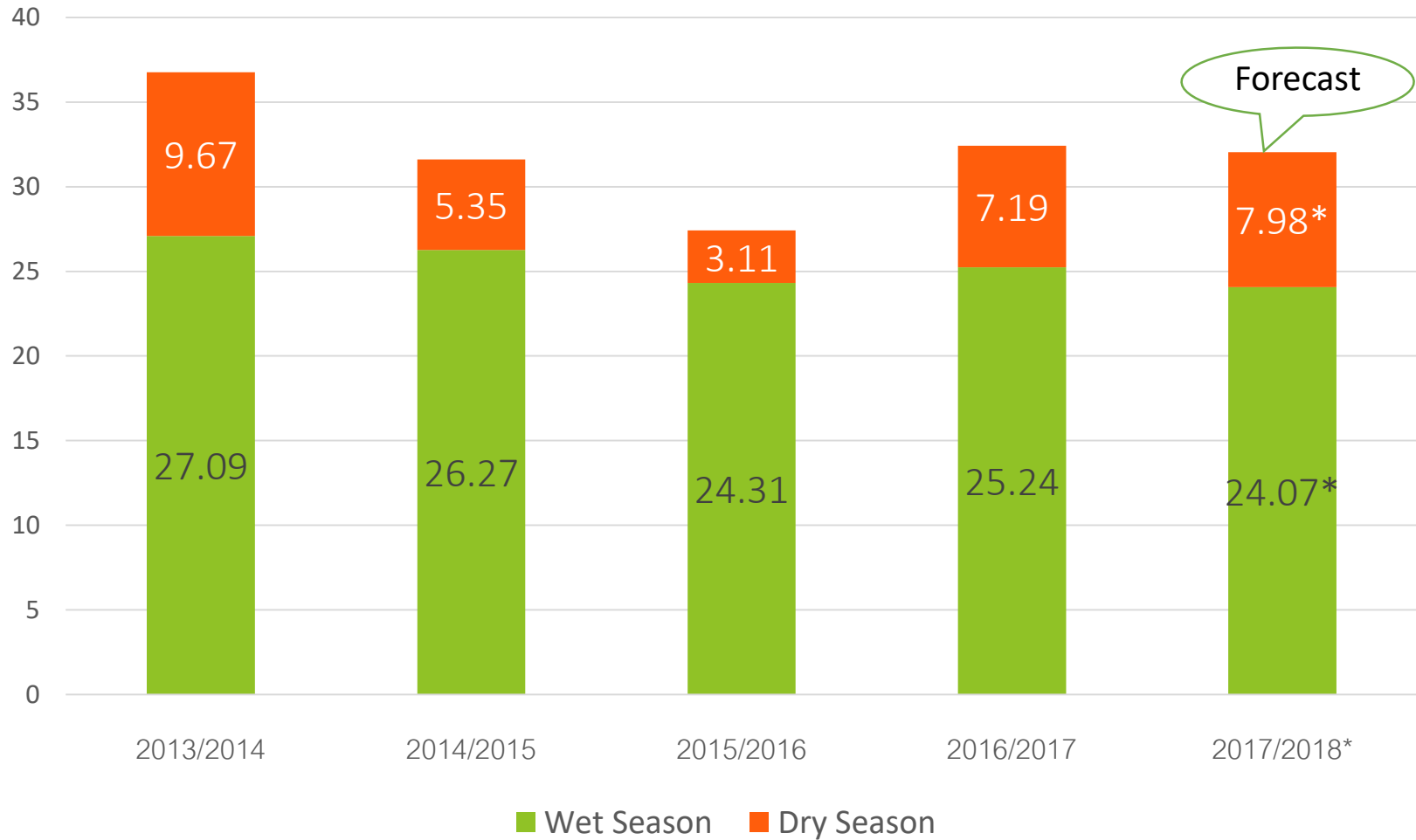
	Company	Established	Extraction	Refinery
1	Thai Edible Oil Co.,Ltd.	1977	2	2
2	Kasisuri Co.,Ltd.	1977	4	1
3	Surin Bran Oil Co.,Ltd.	1991	1	1
4	Kaona Pokphand Co.,Ltd.	1994	1	-
5	CEO Agrifood Ltd.	2006	1	1
6	Medifoods (Thailand) Co.,Ltd.	2011	1	1
7	Siam Crystal Rice Co.,Ltd.	2012	1	-
8	Siam Parboiled Rice Co.,Ltd.	2016	1	-
9	Benergies Agritrade Co.,Ltd.	2017	1	-
		Total	13	6

Current rice bran oil situation:

- Paddy main crop harvest decreased because of too much rain in 2017.
- Solvent Extraction Plants are running at under-capacity
- Acid Value / FFA studying
- RBO Importing of RBO
- RBO Exporting decrease
- Thai Baht exchange rate does not favor export

Paddy Production

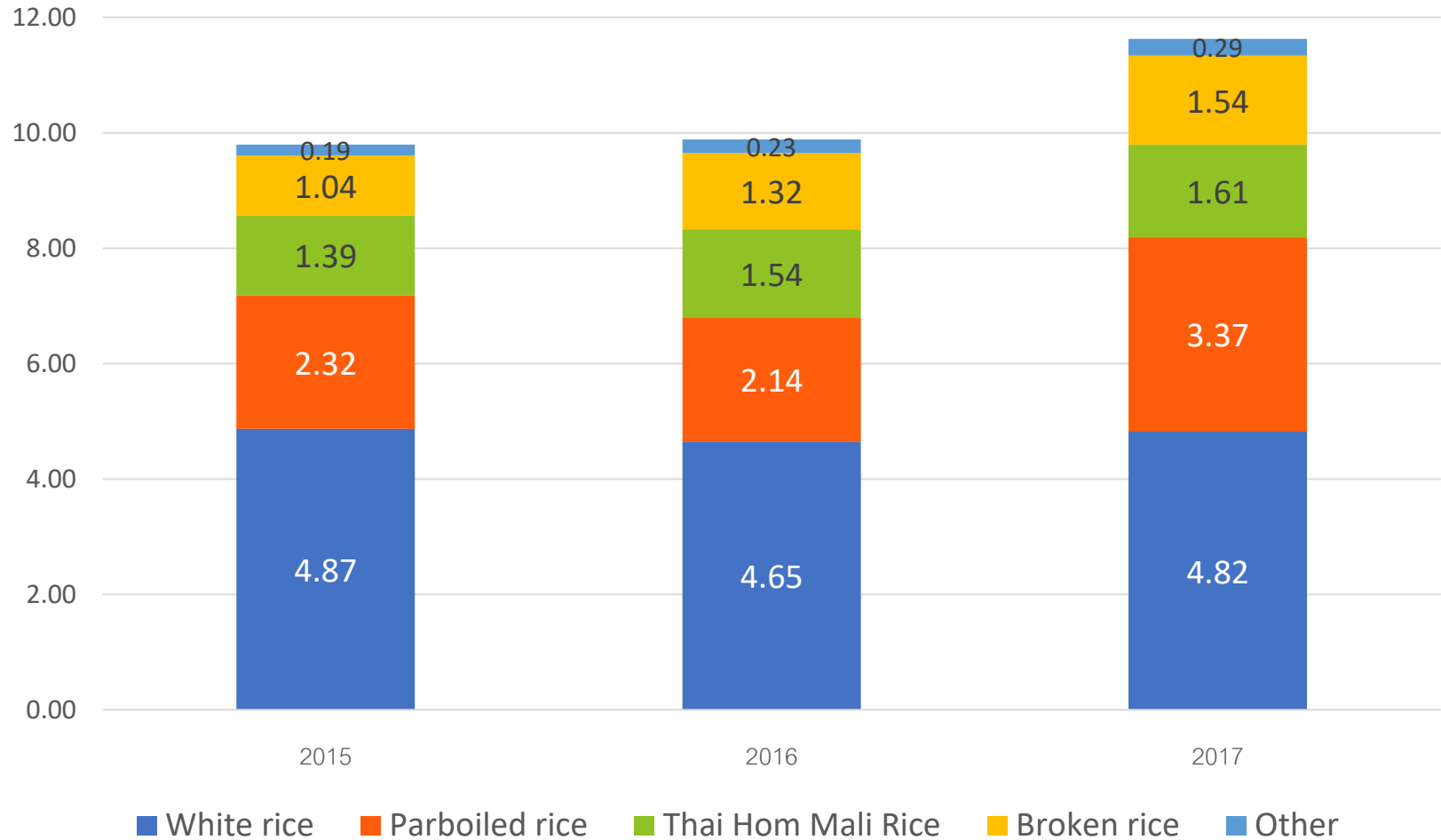
Unit : MMT



Source : Office of Agricultural Economics

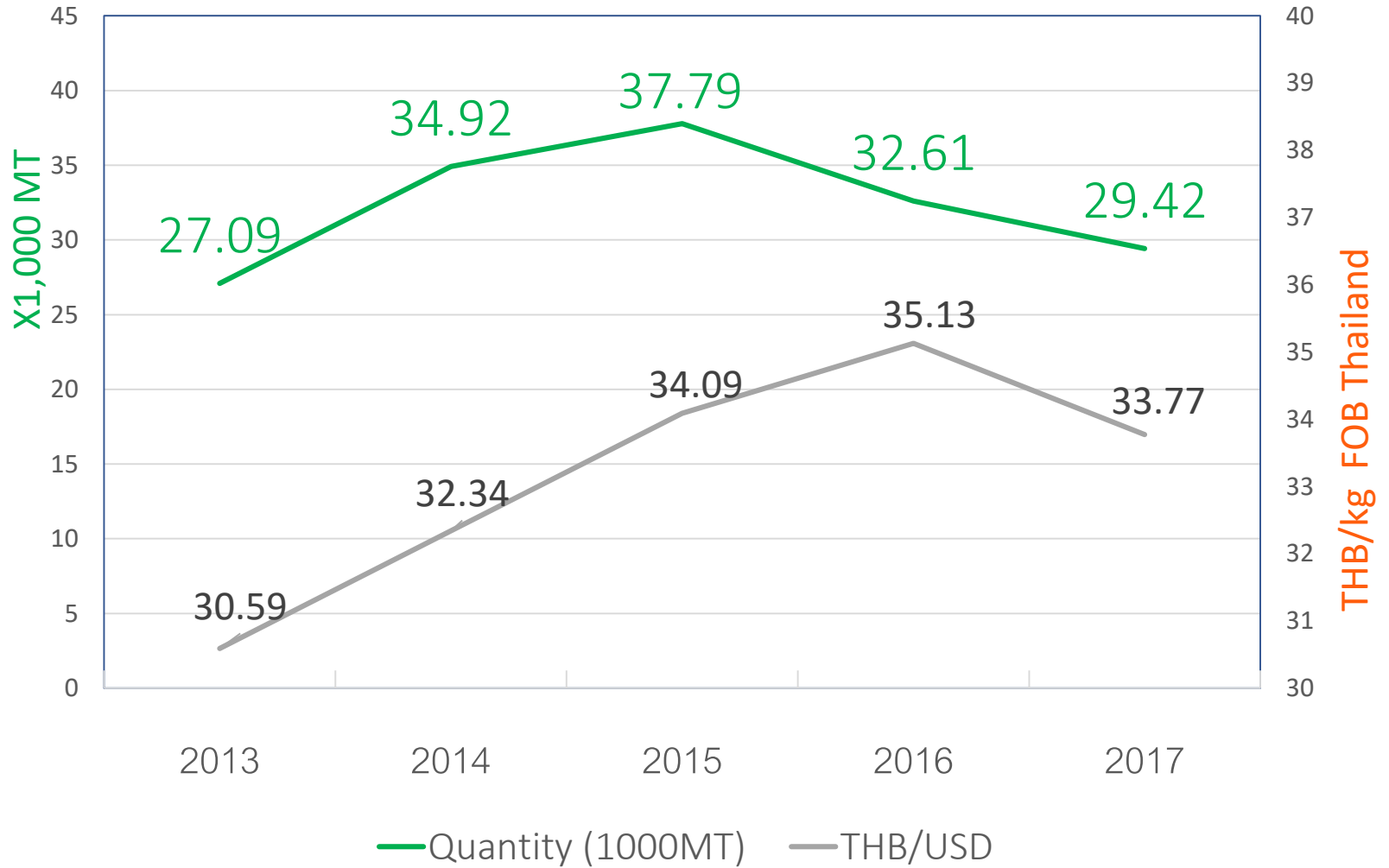
Rice Export

Unit : MMT



Source : Thai Rice Exporters Association

Thai Rice Bran Oil Export



Source : Thai Customs

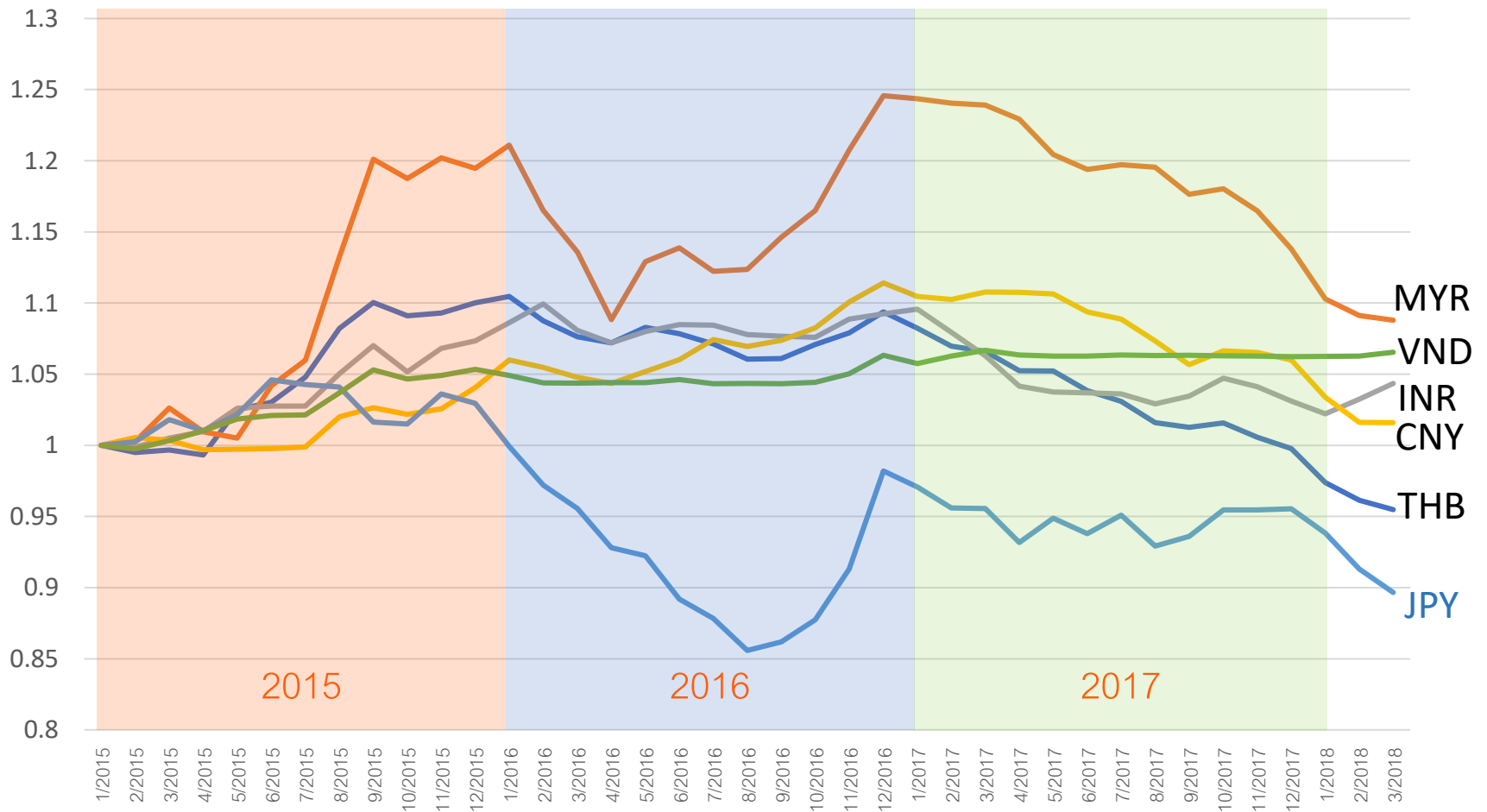
Top 10 Export Market in 2015 and % changes compare to 2017

2015	Country	Volume changes 2015 to 2017
7	Japan	-96.1%
6	Malaysia	-78.4%
3	United State	-35.4%
2	Australia	-19.9%
1	South Korea	-17.6%
5	Italy	-10.3%
9	Singapore	-8.2%
4	New Zealand	+1.2%
8	Hong Kong	+20.5%
10	Netherlands	+22.0%

Source : www.customs.go.th

Exchange Rate (compared to USD) on 1 Jan 2015=1

Rate on 1/1/2015 =1



Source : Bank of Thailand

— THB
 — MYR
 — INR
 — CNY
 — JPY
 — VND

Acid Value + FFA

- Thai FDA : **Acid Value <0.6 mg KOH/g**
- That means RBO oryzanol content 8000 ppm.
- National Bureau of Agricultural Commodity and Food Standards (ACFS) together with Thai FDA, Department of Medical Sciences, Universities are doing research for using FFA for refined RBO, assigned by 25th SESSION OF THE CODEX COMMITTEE ON FATS AND OILS (CCFO).

Thai RBO Industry's Supporters

1. Dr. Riantong
Naresuan University



2. Deputy PM. Prajin Jantong



3. PM. Prayut Chan-O-Cha



National Research Council of Thailand
Agricultural Research Development Agency

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to rice products through various methods.

Thai PM's Order for supporting RBO Industry

- Deputy PM. Prajin Jantong
- National Research Council of Thailand
- Agricultural Research Development Agency
- Naresuan University and other Universities

Mission:

- Research on production, co-products recovery, waste utilization and health benefits of rice bran oil and its co-products.
- Central Lab for RBO at Naresuan University.

Thank you.

