



## MOAC - Upgrading the Central Farmer Database “Farmer One”

Information is very important for development of agriculture and rural community because improving the income of farming community will depend crucially upon raising agricultural productivity. The Ministry of Agriculture and Cooperatives (MOAC) realizes that agricultural information system plays a very important role in increasing the efficiency of productivity. Therefore, one of the missions of the MOAC is the provision of accuracy, timeliness and easily accessible information that increases the efficiency and improves the performance of the agricultural sector in the rural economy.

Since 2017, The MOAC’s Office of Agricultural Economics (OAE) has established a central farmer database system commonly known Farmer ONE. The Farmer One links farmer registrations to registration agencies--the Department of Agricultural Extension, the Department of Livestock Development and the Department of Fisheries.

In 2019, the linkage was extended to cover additional agencies including the Cooperative Promotion Department, the Queen Sirikit Department of Sericulture, and the Agricultural Land Reform Office. In addition, this linkage was strengthened by expertise support in knowledge and information technology in database linkage it received from the National Electronics and Computer Technology Center (NECTEC), and the Digital Government Development Agency (Public Organization) as well.

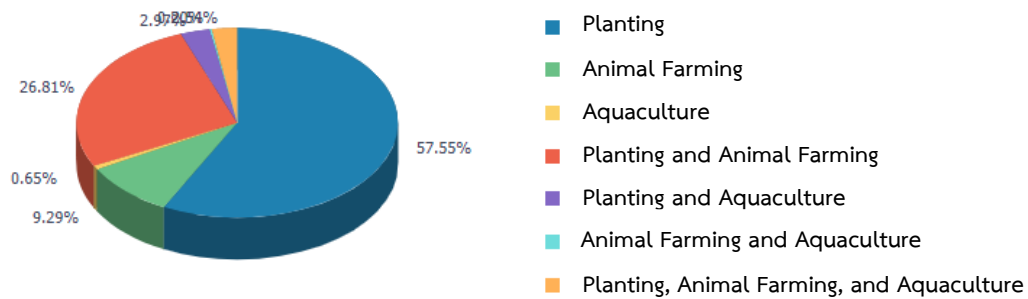




Number of Household registered until 7 March 2021

8,065,014

Household



Categories	Number of Household	%
Planting	4,641,587	57.55
Animal Farming	749,637	9.29
Aquaculture	52,090	0.65
Planting and animal farming	2,162,204	26.81
Planting and aquaculture	239,207	2.97
Animal farming and aquaculture	15,821	0.20
Planting, animal farming and aquaculture	204,468	2.54
<b>Total</b>	<b>8,065,014</b>	<b>100.00</b>



Currently, Farmer ONE's farmers registrations information is divided into 7 categories of farming: (1) Planting, (2) Animal Farming, (3) Aquaculture, (4) Planting and animal farming, (5) Planting and aquaculture, (6) Animal farming and aquaculture, and (7) Planting, animal farming and aquaculture. Individuals can search for a commodity's information such as the number of farm households, cultivated and harvested area classified by region and province. Currently, there are 14 commodities available, including in-season rice, off-season rice, corn, sugar cane, cassava, oil palm, coconut, longan, pineapple, coffee, rubber tree, rambutan, mangosteen and durian. Also available are, general news such as weather forecast and the water situation.



Deputy Secretary-General of the OAE, Polchet Tracho, in his capacity as Chairman of the Central Farmer Database Development Steering Committee, revealed that the OAE is undergoing an upgrading of the Farmer ONE database to bring it up to Data Standards.



Mr. Tracho stated that according to the latest meeting of the Farmer ONE steering committee in March 2021, it was agreed to pursue the development of the Farmer ONE services in the next two years. The 2021 goal is the seamless integration of Farmer One into Realtime link with additional databases, including the Queen Sirikit Department of Sericulture's information of mulberry growers, silk farmers and silk weaving households, and the Rubber Authority of Thailand's information of rubber farmers. This will expand the farmer's registration information to cover various agricultural activities as much as possible.

Moreover, Farmer ONE will be developed into the central Data Standards, which are the rules by which individual data are collected and recorded in the same standard format. This in turn will improve the efficiency of the integrated databases in the different departments and reduce storage redundancy. This operation will be adhering to the principles of standardization in accordance with the Thailand e-Government Interoperability Framework (TH e-GIF) and the National Statistical Office's guidelines for the preparation of government information standards. This will also enable farmers to access their own information and check the accuracy. Finally, the ultimate goal in 2022, will be the establishment of a central standard for important agricultural products to increase efficiency and improve the performance of farming according to the standards.

Upon the approval of the framework for establishing a central data standards (Data Standards) and personal data of the farmer registration database by the Central Farmer Database Development Steering Committee, the OAE will present to the Ministry of Agriculture and Cooperatives for endorsement before promulgation within this year.

If you are interested in Farmer ONE's service information, you can access the information at [www.farmerone.org](http://www.farmerone.org) or inquire at the Agricultural Information Center's Agricultural Information Operation Section, Tel. (66) 2561 2870 on official days and hours.

Thailand Office of Agricultural Affairs, Los Angeles

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