

5 strategies for capacity building activities for Thailand

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Ministry of Agriculture and Cooperatives was started the seed plan in 2015, Thailand will be a hub of global seed for varieties development, production, good quality distribution and service technology for sustainability of the seed industry. The goal divided in 2 parts. First, farmer have enough good quality of rice seed, field crop seed and forage crops seed. The second goal for seed industry, Its was plan in steps, in 2020, the export seed value should be increase to 10,000 million baht and finally in 2024, 50% of export value should come from seed developed in Thailand.

The strategies to reach the goals as follow

Strategy 1 Research & Development

- Improvement new plant varieties
- Seed Production Technology
- Seed health testing Technology

Strategy 2 Improve Law and Regulations for support trade and investment

- Plant Quarantine Act. B.E. 2507 (1964)
- Plants Act. B. E. 2518 (1975)
- Plant Variety Protection Act. B.E. 2542 (1999)

Strategy 3 Production and Marketing

- Promoting high Quality seed production
- Keeping and expansion seed market

Strategy 4 Personnel development

- Development breeder, Scientist and Agricultural Technical Officer

Strategy 5 Basic factor

- Develop Seed testing Laboratory to International Standard
- Set up National Germplasm collection unit
- Set up One stop service center

Now, 2019, we are on half way of this seed plan but Thai farmer still have problems with good quality seed and seed exported value only 7 – 8 million bath.

Action plan for improve seed industry in Thailand.

Challenges	Purpose	Activities	Goal (target)
1. Limitation of human and financial resources to carry on; - the administrative management system for Plant Breeders' Rights (PBR) - Seed testing	Capacity building for strengthening on; - the administrative management system for PBR by using technology - Seed quality, Seed health and variety testing	Study/training from the countries having success on; - PBR administrative management by using technology - Accredited laboratories by International standard	Thailand be able to; - Proceed the PBR effectively - Reliable test results
2. Seed law, Plant Quarantine and Plant Variety Protection law are not in line with international standards	Seeking for knowledge on international seed industry and PVP regulations	Study/training from successful seed industry and PVP implemented countries	Improving the laws related to seed industry to be more effective and suitable to the development of current technology and global situation