



ASIAN SEED CONGRESS 2022

In collaboration of

Asia and Pacific Seed Alliance (APSA), Thai Seed Trade Association (THASTA)

Department of Agriculture (DOA) and National Science and Technology Development Agency (NSTDA)

Asia and Pacific Seed Alliance (APSA)

About APSA

Established in Thailand in 1994, initially as the Asia and Pacific Seed Association, APSA was the culmination of a regional seed sector networking project initiated by the Food and Agriculture Organization of the United Nations (FAO), with funding from the Danish International Development Agency (DANIDA) and support from Thailand's former Seed Division, then a unit under the Department of Agricultural Extension or DOA, under the Ministry of Agriculture and Cooperatives. APSA's Mission is Sustainable agriculture through the production and trade of quality seeds for the world. At present, APSA has more than 500 member organizations representing 54 countries around the world; 80% of which are seed enterprises that are active in breeding, production, marketing, and retail. Furthermore, the association is also represented by national seed associations and public sector agencies, including agriculture departments and/or ministries of countries in the Asia-Pacific region.

To ensure optimal compliance with international association laws and regulations, APSA in 2017 reformulated under the new legal entity, the Asia and Pacific Seed Alliance, with registration and headquarters in Singapore and its Secretariat continuing to operate from Bangkok, Thailand. Guided by its Membership, Constitution, General Assembly, Executive Committee and technical committees, APSA continues to fulfill its mission for sustainable agriculture through quality seeds for the world, playing an integral role in the Asian continent and greater Asia-Pacific region in the dissemination and exchange of seed-sector information, knowledge, skills, and technology, extending to the regulation of new plant varieties, intellectual property rights, conservation of biodiversity as well as respective access and benefits sharing; sanitary and phytosanitary standards and measures for the international movement of seed; plant breeding innovation and all other matters related to quality seed production and trade.



To achieve its objectives, APSA collaborates and cooperates with various key global and regional organizations, including the International Seed Federation (ISF), International Seed Testing Association (ISTA), The International Union for the Protection of New Varieties of Plants (UPOV), FAO, World Vegetable Center, OECD Seed Scheme, CropLife, and Asia-Pacific Association of Agricultural Research Institute (APAARI). Aside from this, APSA serves as an important private-sector regional representative voice to support various public sector initiatives, extending to the exchange of knowledge for the development of competencies and formation of policies that aim to strengthen agricultural capacity in the Asia-Pacific region.

The key objectives of Asia and Pacific Seed Alliance are included.

1. Maintain and sustain a regional forum, such as the Asian Seed Congress, for Members to address their needs and formulate positions and recommendations on seed issues to improve seed sector performance.
 2. Promote the development of the seed industry for the betterment of crop production in the Region and promote the use of quality seed.
 3. Stimulate technical and business co-operation among Members. Share information and experience between and among Members on all aspects of seed activities.
 4. Represent the interests of Members at regional and international levels.
 5. Establish and maintain relationships with other relevant organisations pursuing similar or related objectives.
 6. Encourage the establishment of Seed Associations in the Region and support their development.
 7. Facilitate the international movement and marketing of seeds and planting material through various actions addressing the issues of relevance to the regional seed industry including quarantine and other trade issues.
 8. Facilitate and contribute to the harmonisation of regulatory procedures for seed and seed related issues toward internationally accepted standards.
 9. Promote the establishment and protection of intellectual property rights for seeds, plant varieties and associated technologies
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 APSA NSTDA

Thai Seed Trade Association (THASTA)

About THASTA

Established by leading Thai seed companies involved in the production and distribution of seeds, the Thai Seed Trade Association (ThaSTA) was registered as an Association in Thailand under the Ministry of Commerce, The Thai Seed Trade Association (ThaSTA) on September 30, 2002. The Association serves as a center for dissemination of news and information and is a representative body for seed enterprises and organizations in Thailand that are involved in all aspects of seed production, R&D, trade and distribution. At present, with more than 130 members at present, ThaSTA maintains an important role in strengthening seed trade ethics, promoting the use of quality seeds and cooperating with the public sector to address, update and revise policies and regulations that are problematic and obstacles to the trade of seeds, both domestically and internationally. To ensure the success and prosperity of its members and the overall Thai seed industry, ThaSTA actively cooperates and collaborates with various regional and global organizations, including the International Seed Federation (ISF), International Seed Testing Association (ISTA), UPOV, FAO, World Vegetable Center, OECD seed scheme, CropLife and APSA.



Department of Agriculture (DOA)

About DOA

Vision

To be a center of excellence in the field of crops research and development and farm mechanization, in harmony with international standards and in adherence to the principles of natural resources conservation and environment protection

Mission

1. Conduct research and development studies on various agricultural disciplines concerning crops and farm mechanization.
2. Provide services on the analysis, inspection, quality certification and advice on soil, water, fertilizer, crops, agricultural inputs production and products quality, export promotion and other areas of concerns.
3. Conserve and develop the utilization of benefits from biodiversity of plants, insects and microorganisms
4. Supervise and develop laws under the Department's jurisdiction

Authority

1. Enforcement of Plant Quarantine Act B.E. 2551 (2008), Plant Variety Protection Act B.E. 2542 (2009), Fertilizer Act B.E. 2550 (2007), Plant Variety Act B.E. 2550 (2007), Rubber Regulation Act B.E. 2542 (2009), the Toxic Substances Act B.E. 2551 (2008) and other related laws.
 2. Conduct agricultural studies, experiments, research and development relevant to plants
 3. Provide services pertaining to analysis, testing, inspecting and standard certification of plant products, and to provide guidance on soil, water, fertilizer, agricultural inputs, products and plant products export promotion and other areas of concern.
 4. Provide agricultural academic services, news, information and technology to government officials, farmers, the private sectors and other concerned stakeholders.
 5. Implement any other programs duties assigned to the Department of Agriculture by the Ministry of Agriculture and Cooperatives and the Cabinet Minister.
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National Science and Technology Development Agency (NSTDA)

About NSTDA

The National Science and Technology Development Agency (NSTDA) was established in December 1991 under the National Science and Technology Development Act 1991 as an autonomous government agency within Thailand's Ministry of Higher Education, Science, Research and Innovation, with the Minister serving as the chairman of NSTDA Governing Board.

NSTDA is entrusted with an important task to accelerate science, technology and innovation development in Thailand in order to respond to the need of the industry and enhance the country's competitiveness in the global economy, and as a result, contribute towards national economic and social development.

NSTDA's mission is to perform and support Research and Development, Design and Engineering, Technology Transfer, Science and Technology Human Resource Development and Infrastructure Development.

This mission is implemented through working with partners from academic, government, private, and non-government sectors, both domestically and internationally.

NSTDA comprises five national research centers as follows:

1. National Electronics and Computer Technology Center (NECTEC)
2. National Center for Genetic Engineering and Biotechnology (BIOTEC)
3. National Metal and Materials Technology Center (MTEC)
4. National Nanotechnology Center (NANOTEC)
5. National Energy Technology Center (ENTEC)

NSTDA's has built a network of academic, government, private, and non-government sector stakeholders to connect Thai scientists more closer with the agriculture and industrial sectors, e.g. robotics, computers, electronics, medical, fisheries and others, and thus enable Thailand to be a leader in science and technology innovation and associated global trade.

APSA



NSTDA

NSTDA recognizes the importance of the seed industry as a fundamental upstream industry that affects the quantity and quality of agricultural produce, and which is directly linked to national security, food security and various industries, especially food and agriculture.

Since 2006, through the “Seed Cluster” grouping/scheme/program, and in line with the government’s strategy to develop Thailand into a regional and global “Seed Hub”, NSTDA has engaged with seed companies, educational institutions and government sector agencies in seed-sector specific research that has set out to identify key problems and research priorities for the Thai seed industry, with a goal of increasing seed production capability and export capacity, while strengthening the industry with value-addition through science and technology.