

Medium-Term Programme of Action  
ASEAN-India Cooperation in Agriculture and Agriculture  
(AIWGAF)  
2011-2015

	Action Programme	Activities	Schedule	Remarks/Status
1.	Enhance cooperation in food, agriculture and forestry in key areas of mutual interest, with the aim to enhance productivity of agricultural products and meet the challenges of food security, as well as enhance their accessibility to global markets  (Ref. POA ASEAN-India paras 37, 38)	1.1 Organize an ASEAN India Ministerial Meeting on Agriculture.	2011-2012	8 October 2011, Jakarta.  India will host the 2 <sup>nd</sup> ASEAN India Ministerial Meeting on Agriculture in the 2 <sup>nd</sup> half 2012.
		1.2 Organize ASEAN-India Agri-Expo.	2011-2012	Scheduled to be held back-to-back with the 2 <sup>nd</sup> ASEAN India Ministerial Meeting on Agriculture (2 <sup>nd</sup> half of 2012).
		1.3 Publication of ASEAN-India Newsletter on Agriculture.	2011-2012	AMSs to appoint the focal point to provide input.  Indian Council of Agricultural Research (ICAR) is the host Agency for the ASEAN-India Newsletter on Agriculture. The Newsletter will be published half yearly in March/October.  With the inputs from the ASEAN Member States, ICAR is in the process of publishing the 1 <sup>st</sup> issue of the newsletter.
		1.4 Organize Meetings of AIWG on Agriculture	2011-2015	ASEAN will discuss the date and venue of the 2 <sup>nd</sup> AIWG on Agriculture .

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2.	Promote networking between government authorities concerned, as well as between agriculture experts/ scientists agricultural related academic institutions of ASEAN Member Countries and India  (Ref. POA ASEAN-India para 36)	2.1 Organize a Conference of Heads of Agricultural Universities.	2011-2012	India will host the Conference in 2012
		2.2 Establish a networking among the agricultural research, education and extension institutions in AMSs and India	2011-2015	The Programme will be further discussed in the Conference of Heads of Agricultural Universities.
		2.3 Exchange of scientists from agricultural research institutions in AMSs and India.	2011-2015	The Programme will be further discussed in the Conference of Heads of Agricultural Universities.
3.	Promote capacity building, technology transfer, and R&D as mutually agreed for global competence in agriculture  (Ref. POA ASEAN-India para 39)	3.1 Institution of ASEAN-India Fellowships for higher education in the field of agriculture and allied science	2011-2015	India submitted a proposal to ASEAN. The Programme will be further discussed in the Conference of Heads of Agricultural Universities.  India and AMSs to develop a list of national universities on agriculture.
		3.2.1 Organize training programmes in the areas of <ul style="list-style-type: none"> <li>- bio-safety and bio-security,</li> <li>- good agricultural practices,</li> <li>- trans-boundary diseases and pests management,</li> <li>- agricultural co-operatives with special reference to dairying,</li> <li>- post harvest processing and value addition,</li> <li>- agricultural mechanization,</li> <li>- fisheries, and</li> <li>- forest management</li> </ul>	2011-2012	AMSs and India to submit list of proposed trainings.  India has submitted following proposals to ASEAN. <ul style="list-style-type: none"> <li>- Processing and value addition of horticultural produce.</li> <li>- Advances in agricultural equipments for productivity enhancement including Precision Farming.</li> <li>- Processing and value addition of soy products and coarse cereals.</li> <li>- Biosafety and Bio-security: Policies, Procedures and Issues.</li> </ul>

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				<ul style="list-style-type: none"> <li>- Diagnostics for transboundary pests of seed and other planting material and their management.</li> <li>- Biosafety and Biosecurity in Microbial research: Issues and Concerns.</li> <li>- Trans-boundary diseases and health management in aquaculture.</li> <li>- Bio-safety and Biosecurity in aquaculture.</li> <li>- Molecular and immunodiagnostics for seafood safety and security applications.</li> <li>- Preparedness for management of Alien Invasive Pests through third country participation (Concept note).</li> </ul> <p>Thailand had submitted 5 project proposals:</p> <ol style="list-style-type: none"> <li>i. Livestock Production using Reproductive Biotechnologies and Conventional method.</li> <li>ii. IT Application for Agricultural Extension (E-Extension).</li> <li>iii. Training on Geo-informatics Application for Fishery and Marine Resources Management.</li> <li>iv. Collaboration on Development of Cooperatives in Agricultural Sector.</li> <li>v. Production and Processing Technology for Value Addition of Horticultural Products (Fruit Crops, Vegetables, Flowers and Ornamental Plants).</li> </ol>

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		<p>3.2.2. Training programmes for global competence building in the areas of</p> <ul style="list-style-type: none"> <li>- setting of seed standards,</li> <li>- SPS systems,</li> <li>- IPRs,</li> <li>- quality seed and planting material production,</li> <li>- good agricultural practices,</li> <li>- nanotechnology,</li> <li>- biotechnology,</li> <li>- bio-pesticides,</li> <li>- bio-fertilizers,</li> <li>- bio-fuels,</li> <li>- protected cultivation,</li> <li>- extension methods,</li> <li>- diversification,</li> <li>- hybrid technology in cereals and pulses,</li> <li>- horticulture production technology,</li> <li>- post harvest processing and value addition,</li> <li>- disease and insect pest diagnosis and management in plants, livestock and fisheries,</li> <li>- bio-security,</li> <li>- residue and by-products utilization,</li> <li>- fish production,</li> <li>- design and development of farm implements and machinery,</li> <li>- joint forest management,</li> <li>- entrepreneurship development,</li> <li>- agribusiness management,</li> <li>- faculty development</li> </ul>	2011-2015	AMSs and India to submit list of proposed trainings.
		3.3 Organise workshop on adaptation/mitigation technologies for climate change.	2011	India will host the Workshop and has submitted a proposal to ASEAN.

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		<p>3.4 develop and implement joint collaborative projects in the areas of</p> <ul style="list-style-type: none"> <li>- hybrid rice technology,</li> <li>- breeding for biotic and abiotic stress tolerance (submergence, drought, salinity, diseases and insect pests),</li> <li>- resource conservation technologies,</li> <li>- gene and allele mining,</li> <li>- quality enhancement of agricultural produce,</li> <li>- nutrient and water use efficiency management,</li> <li>- climate change and testing,</li> <li>- demonstration and exchange of farm implements and machinery, and</li> <li>- agro-forestry systems</li> </ul>	2011-2015	ICAR would provide a concept note to initiate discussions with ASEAN to move forward on the implementation of the activities.
4.	<p>Provide opportunities for ASEAN and India farmers, including young farmers, to learn and develop more efficient farming practices and management skills through information sharing</p> <p><i>(Ref. POA ASEAN-India para 40)</i></p>	<p>4.1 exchange visit for farmers between ASEAN and India. <b>(100 farmers)</b></p>	2011-2015	<p>ICAR has submitted a proposal to ASEAN.</p> <p>When the activities are organised in ASEAN Member States, possibility of organizing in conjunction with ASEAN Farmers Week Programme will be considered.</p>