



9th Annual Meeting of the Asian and Pacific Network for Testing of Agricultural Machinery (ANTAM)

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MARDI Selangor, Malaysia

ANTAM work report 2022

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ANTAM Implementation Phases

The three-phased approach envisaged for implementation of ANTAM:

(i) development of region-wide agricultural machinery testing standards that reflect the agricultural and technological needs of the Asia-Pacific region

(ii) establishment of a network of accredited testing stations able to perform testing based on the ANTAM standards and produce consistent test results

(iii) establishment of a certification system to enable mutual recognition of test results produced under the ANTAM umbrella

Areas of Work in 2022

Network of TS

- Collection of Codes, mapping of testing stations
- Round Robin Tests

Codes update

- Codes update
- TWG membership
- New TWG & SWG

Capacity Building

- (Web) Training
- (Field visits)

Partnership Development

- Liaising with advisory board and other international organizations
- Leverage resource mobilization opportunities

Codes and TWGs

- Established **TWG on Combine Harvesters** and **SWG on Mini tillers** collecting relevant national codes.
- Convened **over 20 TWG consultations**.
- Experts from **17 countries** joined the consultations.
- **3 Updated Codes** following country's proposals and overall review.
- **2 Draft Codes** for consideration and guidance.
- **2 Surveys** conducted on usage and issues related to combine harvesters and mini tillers.



Capacity Building

- Webtraining on the **testing of combine harvesters**, with a particular focus on items related to **reducing food loss** and enhancing occupational **safety** during harvesting operations.
- Over 200 registered participants, added to ANTAM playlist on ESCAP official youtube channel obtaining additional 200 views (and counting).
- Supported the work of the new TWG with an overview of testing practices and needs in ANTAM countries.
- Part of the e-learning **series dedicated to safety**, to be translated and subtitled in Russian for better outreach.



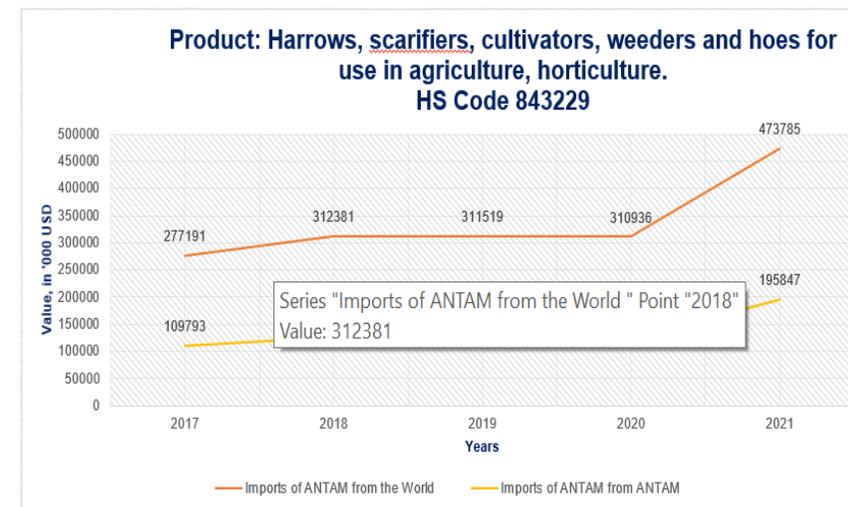
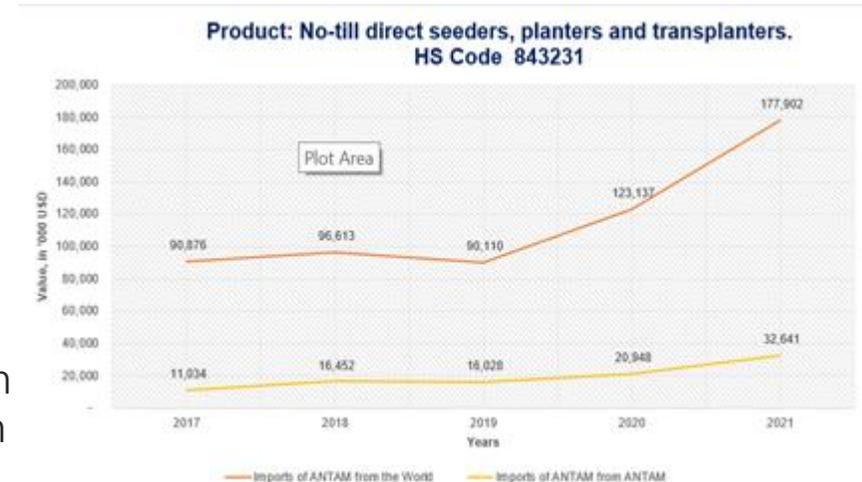
Strengthening Testing Capacity

- **Round robin tests** are part of the capacity building efforts of ANTAM; they are an opportunity for engineers to get acquainted with the Codes and propose how to update them. Interlaboratory activity is encouraged to identify and compare any discrepancies in results, and recommend measures for enhancing conformity. This is a requirement for making the network operational and for the accreditation of testing stations. It is also an opportunity for developing **video tutorials** in participating testing stations.
- **Study tours** are also aiming at enhancing capacity, and supporting the development of testing facilities and infrastructure.
- Field visit with ADB in support of a study that aims to grant funding for the **establishment of testing facilities** in collaboration with the Agriculture Department of Punjab (Pakistan).



Feasibility study and outreach to institutions in charge of standards

- Study on the feasibility of establishing a mutual **recognition system** to enhance trade of safe and efficient machinery.
- Outline to include preliminary **mapping** of testing station equipment and human resources, to be integrated with capacity to perform testing based on the ANTAM standards, and capability to comply with the ANTAM Quality Manual (should also support NDA and accreditation process).
- Support the appointment of **National Designated Authorities** (also in contact with Seat of Government?) and **accreditation** of Testing Stations, fine tuning the accreditation criteria (also in consultation with stakeholders).



Feasibility study and outreach to institutions in charge of standards

High-level Policy Dialogue on Trade Facilitation through International Standards and Mutual Recognition of Agricultural Machinery Testing'

- Presented ANAM at a wider audience during ESCAP CTIEBI one of the most prominent intergovernmental platforms for trade and investment in the region.
- Collected recommendations for the development of a mutual recognition system.
- Strengthened partnerships.



Thank you!

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