



AMTEC
Agricultural Machinery Testing and Evaluation Center
1977

**ACR 053:2023 CHECKLIST AND REMINDERS FOR THE AMTEC TEST CONDITIONS AND REQUIREMENTS FOR
LEVEE MAKER**

■ Application for AMTEC Test

The test applicant shall submit AMTEC-OP-F01 (Agricultural Machinery Test Application Form) together with the following requirements:

- AMTEC-OP-F16 (Waiver for Machine Specifications)
- AMTEC-OP-F18 (Data Privacy Consent Form)

■ Technical Specifications of the Machine

The test applicant shall submit any document/s indicating the specifications and other relevant information of the machine upon application for testing.

- Operator's manual with complete specifications
- Brochure
- Machine specifications sheet (shall be filled out upon request and receipt of copy from AMTEC in case the manual or brochure is not available)

■ Preparation and Operation of the Machine

During field performance test, the levee maker shall be ready for operation. The tractor to be used shall be compatible with the levee maker in accordance with the manufacturer's specification of required power. The officially designated representative/skilled operator of the test applicant shall operate, demonstrate, adjust, repair, and decide on matters related to the operation of the machine. The operator shall be skilled in operating a levee maker.

■ Test Plot

The test applicant shall prepare at least three (3) test plots. Each test plot shall be:

- Dry and unplowed which conditions are recorded;
- At least 1000 m²;
- Rectangular with sides in the ratio of 2:1 as much as possible; and
- With a headland that is at least 3 m in length.

■ Other Test Necessities

The following shall also be adequately supplied during the conduct of the field performance test:

- Fuel enough for three trials;
- 4 L or sufficient fuel for refilling after each test trial; and
- Tools for machine repair and adjustments.

■ Requirements

AMTEC shall conduct various tests and verification on different parameters of the machine including the following requirements as per AMTEC Methods of Test.

■ Standard Tools

Basic tools shall be provided for the levee maker. These tools shall be suitable to the necessary adjustment operations during maintenance and operation.

■ Performance Requirements

Criteria	Requirement as per AMTEC MoT
Levee Production Rate, m/h	As specified by the manufacturer
Size of Levee, mm	
Height	As specified by the manufacturer
Width of base	As specified by the manufacturer
Width of top	As specified by the manufacturer
Fuel Consumption rate, L/h	As specified by the manufacturer
Forward speed, kph	As specified by the manufacturer



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■ Suspension and Termination of Test

If the test plot does not conform with the recommended quantity and characteristics, AMTEC shall not proceed with the test. Should the test applicant request the conduct of the test despite the non-conformity to the test requirements identified by AMTEC, the applicant shall sign the AMTEC Waiver for Nonconformity to Test Requirements.

- AMTEC-OP-F24 (Waiver for Nonconformity to Test Requirements)

If the machine stops due to breakdown or malfunction during the test run, thus affecting the machine's performance, the test may be suspended. If the machine cannot continue the operation, the test shall be consequently terminated. If the harrow fails to penetrate the soil or becomes non-functional during test, the test shall be suspended.

■ Other Assistance During Test

1. For field and laboratory tests outside the AMTEC premises, the applicant shall shoulder the transportation expenses (i.e. fuel, toll fees, vehicle rental, plane fare, sea fare, etc.) of the AMTEC Staff assigned for the testing activity.
2. The applicant is requested to assist the AMTEC Staff in looking and/or making arrangements for hotel accommodation and food near the test site.
3. The applicant shall provide drinking water to the AMTEC Staff during the testing activity.
4. The applicant shall provide any form of shed or sunshade (e.g. tent, umbrella, etc.) for the test equipment, samples (if applicable) and AMTEC Staff during the testing activity in the field.
5. The applicant is requested to assist the AMTEC Staff in finding any means to access a safe and convenient restroom near the test site during the testing activity.

■ Testing Fee

1. The testing fee for levee maker is PhP 7,000.
2. To proceed through AMTEC test, the test applicant shall settle at least 50 % of the testing fee which is non-refundable but transferrable.
3. In cases of additional testing during the field, the test applicant shall immediately submit the required documents and settle at least 50% of the testing fee within five (5) working days after the testing proper.
 Additional testing, number of machines: _____
4. Payment/s shall be directed to the following:
 - Through UPLB Cashier's Office (8AM to 12PM): AMTEC Trust Fund Code No. 8271632-40A2040101000
 - Through Landbank (8:30AM to 3PM): UPLB Trust Fund Account No. 1892100507 or UPLB FI Account No. 1892-1003-29

■ Other Reminders

1. All manufacturers, fabricators, assemblers, and importers (MFAI) shall secure a Certificate of Conformity (CC) from the Bureau of Agricultural and Fisheries Engineering (BAFE) which guarantees that their agricultural and fisheries machinery conforms with PNS/BAFS PABES or other relevant standards identified by BAFE. More information about the application for CC can be found at <http://bafe.da.gov.ph/index.php/certificate-of-conformity-of-manufacturers-fabricators-assemblers-distributors-dealers-importers-and-exporters/>.
2. All MFAI shall employ an Agricultural and Biosystems Engineer (ABE), as mandated by RA 10915 (ABE Law), who shall facilitate all activities and concerns pertinent to AMTEC testing and BAFE requirements. Do you currently have an ABE in your roster of employees? Yes No