

HOW TO AVAIL TESTING FACILITIES

1. The applicant is required to submit application form in the prescribed format for testing of machine separately for each machine. The form can be obtained from the center or downloaded from the website of the center. For the testing of seasonal crop-related machine such as a thresher, digger, potato planter, reaper, shredder, mulcher etc., it should be applied at least 4 month before; otherwise, testing will be done in the next season.
2. The applicant have to submit
 - (1) Demand draft (Non-refundable) of **Testing charge** (As Annexure-1) (in favour of **“Asst. Admin. Officer, CAET, JAU, Junagadh A/c** payable at State Bank of India, Junagadh).
 - (2) Separate **Application Form** ([download from our website](#)) for each equipment (filled and duly signed),
 - (3) **Specification sheet** ([download from our website](#)) for equipment to be tested (filled and duly signed),
 - (4) Manufacturer certificate from any Govt. organization (otherwise Manufacturer’s Consent regarding testing),
 - (5) Necessary Engg. Drawing,
 - (6) Color photograph of equipment,
 - (7) Technical literature like Operator’s manual, Spare parts catalogue, Service manual etc.
 - (8) In case of testing of power operated knapsack sprayer, you have to get engine tested from Govt. approved / NABL laboratory and the Test Report of engine is required to be submitted along with the Application Form.
 - (9) In case of testing of solar battery operated sprayer, you have to get solar panel tested from any of the authorized testing center of Ministry of New and Renewable Energy (MNRE), Govt. of India and the Test Report of solar panel is required to be submitted along with the Application Form.
3. The receipt of application is acknowledged.
4. The received application is placed in the waiting list of the appropriate category of machine.
5. a) After submission of the applications, as and when their turns come for testing of their farm machinery; the applicants are intimated by this testing center to ready / provide minimum sample of their farm machinery as below (or as per guidelines provided by DAC&FW, GOI, New Delhi time to time).

Sr. No.	Cost of machinery (Rs.)	Minimum sample size (no. of units)
1	Upto Rs. 35,000	20
2	Rs. 35,000 to Rs. 1,00,000	10
3	Rs. 1,00,000 and above	5
4*	For combine harvester	2
5*	For tractors and power tillers	5
6	For any imported machinery	5

* Presently the center is not authorized to test these machines.

- b) The testing authority / subordinate staff of this center will visit /on-line/video call and make the random selection of the test sample in the prescribed Performa. After selection of the test sample, they will provide marking on its critical components. The test sample selected shall be submitted at this center within a week by the applicants at his own cost.
 - c) At the arrival of the test sample, the testing authority will ensure that serial no. / labelling plate and the seals / marking of the critical component are intact.
 - d) The test report will also include the serial nos. of the available machines at the time of random selection of the test sample.
 - e) Expenditure of to and fro charges with lodging /boarding of the staff going for random sampling shall be borne by the respective applicant.
6. The machine is tested (lab and field test) with reference to the relevant standards.

7. Final inspection of the machine is carried out together with the wear analysis and chemical composition of critical components.
8. After completion of all the tests, the collected data is analyzed and draft report in the standardized format is prepared.
9. After scrutiny of the draft report at different levels, the draft report is released for comments of applicant
10. The comments from the applicant are to be received within 15 days of the release of DTR. If not received, the final decision is taken by the testing authority.
11. The comments of applicant, if any, are examined. If these are of editorial nature, then these are corrected in the report. Technical comments, if any, are incorporated in the final report under separate chapter as "Applicants Comments".
12. Final report is released under the signatures of Test Engineers and Testing In-charge & Professor and Head, Testing & Training Center of Farm Machinery, Department of Farm Machinery and Power, College of Agricultural Engineering and Technology, Junagadh Agricultural University, Junagadh. After the release of final test report, the machine (test sample) is released to the applicant.

ANNEXURE -1

Testing charges for the Financial Year 2025-26 (w.e.f 01/04/2025)

Sl. No.	Item	Testing charges Demand Draft in favour of (Asst. Admin. Officer, CAET, JAU, Junagadh) (Rs.)
1	Components	30,514
2	Hand Tools	30,514
3	Power operated Thresher, Decorticator, Sheller, Winnowers, Brush cutter, Chain saw, Chaff cutter, etc.	1,21,961
4	Animal drawn equipments	65,059
5	Tractor drawn / operated Implements / equipments: Rotavator, Cultivator, Harrow, Plough etc.	2,07,357
6	Manually operated equipments	45,922
7	Power tiller drawn / self-propelled Reaper, Power Weeder etc.	1,21,961
8	Tractor drawn / operated Seed-cum-fertilizer drill / Planter, Straw reaper, Mini-Rice mill, Power seed cleaner / Grader / Baler / Laser land Leveller, Potato digger etc.	2,17,502
9	Animal drawn Multi Tool Bar (Minimum four attachments)	1,72,771
10	Self-Propelled Paddy Transplanter, Vegetable Transplanter	2,96,783
11	Ride on Self Propelled Tool bar (Up to two attachments)	2,96,783
12	Power operated Multi-crop thresher (Two or more crops)	2,23,616
13	a. Pump set (Engine + Pump) with Kerosene /LPG	1,06,930
	b. Pump set without engine	50,783
	c. Plant Protection Equipments: Manual/Battery Operated	69,732
	d. Plant Protection Equipments: Power Operated	1,83,102

- I. The revision of testing charges @ 8% will be done, biannually, i. e., after the first revision (8% already included for the year 2025-26), next revision will be w.e.f. 01-04-2027. However, the revision may be reviewed after three years, based on progress of Implementation of the new regime and Inputs from farmers/ manufacturers.
- II. The new testing charges may be made applicable on those machines, which have been admitted for test on the 1st day of financial year (biannually) and thereafter.
- III. The above Testing Charges are exclusive of GST, if GST applicable the same will be charges separately.