Annual Report 2016-17

सत्यमेव जयते

Government of India
Ministry of Agriculture and Farmers Welfare
Department of Agriculture, Cooperation and Farmers Welfare

Northern Region Farm Machinery Training and Testing Institute

Tractor Nagar, Sirsa Road
Hisar (Haryana) - 125 001

Website: http://nrfmtti.gov.in **E-mail: fmti-nr@nic.in** **Tel./Fax: 01662276984**

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From Director's Pen...

"When the going gets tough, it is the tough gets going"

And this institute has proved just that by rising to the occasion. It is with great satisfaction that I am to share with the readers that this institute has successfully managed the very old and huge problem of a long list of machines in the waiting list for testing, by testing 171 machines during 2016-17.

This institute of yours has trained 2725 trainees out of which, spectacularly 85% were landless, marginal and small farmers, which speaks volumes for our concern towards welfare of these sections of society. In doing so, the underlying objective was to increase the reach of farm mechanization even to the have- nots also, which hither to before was kind of confined amongst few haves.

Not only this, over 100 demonstrations of modern agricultural machinery including the ones for straw management, on the farmers' fields itself, has not just contributed a lot in maintaining cleaner and healthier environment, but also has changed the perception about this institute amongst the farming community who now view this institute as farmers friendly, available –as- and- when- required kind of entity. 'Food for all' is the Summum bonum of this institute and, placing this Annual Report 2016-17 in the hands of readers, I pay my obeisance to the MOTHER EARTH:

वसुन्धरे महाभागे बहुशस्य फलप्रदे।
देवराज्ञि नमोऽस्तु ते शुभगे शस्यकारिणि।।

P. K. PANDEY
DIRECTOR

Highlights....

- The Institute has released **171 Test Reports** during the year 2016-17, which is the Highest Ever Annual Achievement of not just this Institute ,but out of all the FMTTIs since their inception.

- The Institute has trained **2725 trainees** during the year 2016-17, which is also, the Highest Ever Annual Achievement of the Institute.

- Out of Total Trainees trained, over 85% were landless, marginal and small farmers.

- Started NSQF- aligned SKILL DEVELOPMENT TRAINING PROGRAMMES.

- **101 numbers of demonstrations** were conducted against the target of 100, which is the highest ever annual achievement of the institute. About 3000 farmers were benefitted.

- As many as **20 CMVR compliance certificate** in respect of combine harvesters were released

- Adorn the CMVR compliance certificate, both technically and administratively, by incorporating all the tests/checks prescribed in the concerned gazette notification of Government of India.

- Spectacular improvements in the test procedures being practiced by the institute hithertobefore for the testing of sprayers and combine harvesters with the aim to ensure their strict alignment with the relevant test codes.

- Awesome changes in the presentation technique of the test results in the test reports of especially combine harvesters and sprayers to render them more comprehensive and comprehensible.

- Howsoever much unbelievable it may sound, but the fact is : for the want of Electrification of the institute's Farm, diesel engines were being used, so far, for irrigation etc..By getting 63kVA transformer installed, there has been considerable savings of fossile fuel.

- Cleaning and Levelling of 12 acres of land highly infested with weeds/ forestry vegetations was got done. Additional 8 acres of relatively low weedy land was also levelled. Thus in all 20 acre of unusable / unused land has been prepared for cultivation

- The construction work of a **"New Training Building"** came to be completed.

- **Extension of Test Track to 100m** was undertaken and completed timely.

- Reflooring of Test Laboratory was undertaken and completed timely.

- Started the practice of providing a copy of all entries made in the APARs to all the officers/officials by contrast to some selected few. Thus ensured **fairness and transparency in public administration.**

Contents

3. TRAINING ACTIVITIES

3.1 OBJECTIVES OF TRAINING:

- To impart Training in the field of judicious use of various vital agricultural inputs such as Land, Seed, Water, Farm Machinery and available Farm Power.
- To transfer the proven technology from research institutes to the farmers by imparting on-the-job training on them.
- To create awareness for Proper Selection, Operation, Repair, Maintenance and Management of Agricultural Tractors, Power Tillers, Combine Harvesters and other Farm Implements and Machinery.
- To conduct Demonstration of Newly developed/ proven agricultural machinery in the FARMERS FIELDS UNDER SAANSAD ADARSH GRAM YOJNA
- To conduct Demonstration of Newly developed/ proven agricultural machinery in the FARMERS FIELDS UNDER SUB-MISSION ON AGRICULTURAL MECHANIZATION.
- To upgrade Social and Economic condition of the Rural Youth by transforming them into skilled work force.
- To encourage the energy conservation practices in the field of agriculture through various training programmes.
- To conduct awareness programmes on safety in use of agricultural machinery

3.2 TARGET GROUPS

1. Farmers
2. Rural Youths
3. Nominees of the State/Central/Autonomous Organizations
4. Agricultural/Mechanical Engineering Students
5. Technicians
6. Extension Workers
7. Sponsored Candidates from various Agricultural Machinery Manufacturers.
8. Women Farmers

3.3 TRAINING PROGRAMMES

Course	Name of the Course & Course Code	Duration of Course	Training charges per Trainee per course, (Rs.)
USER LEVEL COURSES			
U1	Appropriate Mechanization Technology for Energy Management in Agriculture4 weeksFree	4 weeks	Free
U2	Selection, operation, safety and Maintenance of Improved Agricultural Machinery	6 weeks	Free
U5	Gender Friendly Equipments for Women farmers	3 Days	Free
U7	Water management through sprinkler and drip irrigation and water saving devices	1 weeks	Free
U8	Selection, operation, Safety and Maintenance of Plant Protection Equipments	1 weeks	Free
U9	Selection, operation and maintenance of improved Harvesting & threshing machines	2 weeks	Free
U11	Selection, operation and maintenance of agri. Machinery for dry land agriculture	2 weeks	Free
U12a	Package of Agricultural machinery for maize cultivation		
TECHNICIAN LEVEL COURSES			
T1	Repairing and Overhauling of Stationary Engines and Tractors	6 weeks	300/-
T5	Repair and maintenance of Auto electrical equipments and Battery re-conditioning	3 weeks	150/-
T8	Repair, maintenance & Overhauling of diesel engine set	2 weeks	150/-
ACADMIC LEVEL COURSES			
A1	Practical training programme on farm power and machinery	4 weeks	2000/-
A2	Practical training programme on farm power and machinery	4 weeks	2000/-
NEED BASED COURSES			
NB	Need Based Training Programme on Mechanization	As per requirement	1000/- per month (except farmers)
NEED BASED COURSES			
M-5 (NSQF)	MANAGEMENT LEVEL COURSES	6 weeks	15,000/- per month (except farmers)
NEED BASED COURSES			
QP-1	Harvester machine Operator	200 Hours.	Free
QP-2	Tractor Operator	200 Hours.	Free

3.4 FINANCIAL ASSISTANCE

Trainees admitted/sponsored by the state nodal agencies to the User Level Courses at the Institute will be paid stipend @ Rs.1000/- per week per trainee. Travel expenses to the trainees admitted in these courses will be paid on actual basis by ordinary mode of transport from their place of residence to this institute and back,

3.5 TRAINING ACHIEVEMENTS

During the year 2016-17, the Institute has trained 2725 persons against the target of only 2600 trainees, which is highest ever since inception.

This Institute has trained 59960 personnel, up to the March, 2017, since inception.

CATEGORY-WISE TRAINEES TRAINED DURING THE YEAR

Category	QP	U	T	A	NB	TT	M	Total
a) General	55	183	21	328	478	80	12	1157
b) SC	25	115	11	127	277	--	02	557
c) ST	--	--	--	34	28	--	01	63
d) OBC	33	158	21	369	360	--	07	948
TOTAL	113	456	53	858	1143	80	22	2725

WOMEN/WOMEN FARMERS TRAINED DURING THE YEAR 2016-17

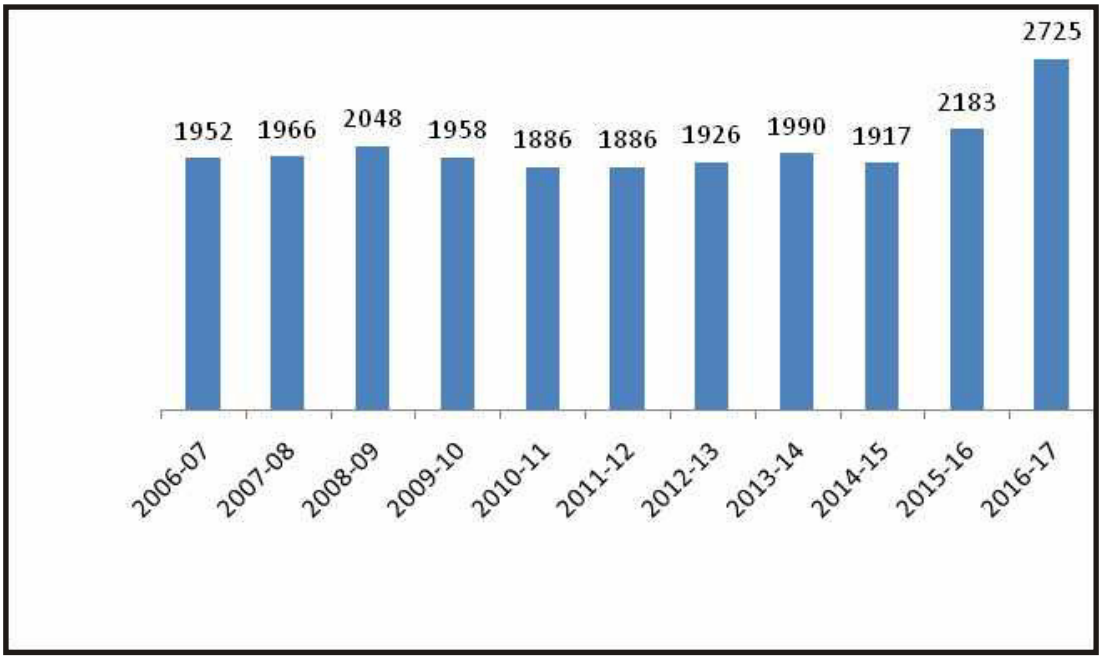
Course Name	U	T	A	NB	Total
ACHIEVEMENT	114	01	166	42	323 (11.85% of Total)

STATE-WISE TRAINEES TRAINED DURING THE YEAR 2015-16

Sl. No.	Name of State	Trainees trained
1	Andhra Pradesh	--
2	Delhi	01
4	Maharashtra	270
5	Sikkim	02
6	Bihar	13
7	Uttar Pradesh	331
8	West Bengal	20
9	Rajasthan	75
11	Madhya Pradesh	116
12	Uttarakhand	12
13	Assam	09
14	Jharkhand	03
15	Telangana	--
17	Punjab	33
18	Haryana	1688
19	Arunachal Pradesh	01
20	Chatishgarh	86
21	Gujrat	32
22	Himachal Pradesh	03
23	Orisa	10
24	J & K	14
25	Tamil Nadu	01
26	Tripura	04
27	U.T. Chandigarh	01
	TOTAL	2725

YEAR WISE TRAINEES TRAINED SINCE INCEPTION

Sl. No.	Year	No. of Trainees Trained
1.	1963-64 to 2005-06	37,523
2.	2006-07	1952
3.	2007-08	1966
4.	2008-09	2048
5.	2009-10	1958
6.	2010-11	1886
7.	2011-12	1886
8.	2012-13	1926
9.	2013-14	1990
10.	2014-15	1917
11.	2015-16	2183
12.	2016-17	2725
	Total since inception	59960



3.7 INFRASTRUCTURE AVAILABLE WITH TRAINING SECTION:

3.7.1 MACHINERY & EQUIPMENTS AVAILABLE IN THE TRAINING WING

- Tractors-10
- Crawler tractors - 01
- Transport vehicles-02
- Stationery engines-09
- Irrigation pumps-10
- Farm Implements/Machinery-245
- P.P. Equipments.-50
- Harvesting & Threshing machines-08
- Power Tillers -04

3.7.2 DEMONSTRATION/TRAINING LABS

- Irrigation Pumps Lab
- Tractor demonstration and Hydraulic System Lab.
- Power Steering working model added in Tractor Demonstration Lab.
- Plant Protection Equipments Lab.
- Animal drawn implements and Gender-Friendly Equipment/Machinery Lab.
- Processing Machinery Lab.
- Auto Electrical Lab

3.7.3. HOSTEL :

Two Boys' Hostels and One Women Hostel with modest facilities to accommodate about 200 trainees are available.

3.7.4. LIBRARY & INFORMATION CENTRE:

The Institute has one Library & Information Centre in place. The Library is well equipped to disseminate information among interested personnel in Agricultural Development. The Library has adequate space and reading facility to take care of needs of the readers. Valuable collection of reference books on Agriculture Engineering and allied subjects are shelved in for reference. Multi volume titles of the Encyclopedia, Directories, Dictionaries, Hand Books, Maps/Atlases, have been re-arranged. The Library also subscribes some Indian as well as Foreign Journals on Farm Power and Machinery. It has been provided with computer connected with Internet access to facilitate the trainees, staff and other information seekers.

3.7.5 DISPENSARY

A Dispensary primarily to extend first-aid and to dispense the routine medicines is maintained for the benefit to staff and their family members.

3.7.6 GUEST HOUSE :

There is one Guest House with modern facilities for official guests and Company Representatives came for testing purposes.

4. Demonstrations under SMAM

Keeping in view the local requirements, 101 demonstration programmes of 06 different types of Agricultural machines/Equipments were conducted. A total of 3087 farmers were benefitted from this programme.

No. of Demonstration	101
No. of Machines demonstrated	06
No. of beneficiary	3087

Category-wise beneficiaries During 2016-17			
	Male	Female	Total
SC	574	18	592
ST	25	01	26
OBC	701	38	739
GEN	1691	39	1730
TOTAL	2991	96	3087

5. TESTING

5.1 OBJECTIVES OF TESTING

5.1.1 To conduct Testing on combine harvesters, plant protection equipments and other Agricultural Machinery with a view to assess their Functional Suitability and Performance characteristics so that the published test results would: -

- Serve as a basis to decide the suitable Machinery for different Agro Climatic Conditions of the Country, which may further we encouraged for Production and Popularization.
- Help the farmers and other prospective purchasers in determining the Comparative Performance of Machinery available in the market.
- Provide material to Researchers/Designers for undertaking development work on Agricultural Machinery, Engineers and Extension Workers for guiding farmers and other users in proper selection of equipment.
- Help financial Institutions in recommending financial assistance to the Manufacturers as well as to the farmers.

5.1.2 To function as NODAL AGENCY for testing activities being undertaken by 8 SAUs.

5.1.3 To assist Bureau of Indian Standards in the formulation of various standards on Agricultural Implements and Machines.

5.1.4 To conduct the testing on combine harvesters to assess their compliance to CMVR, 1989 as amended from time to time.

5.2 TESTING ACHIEVEMENTS

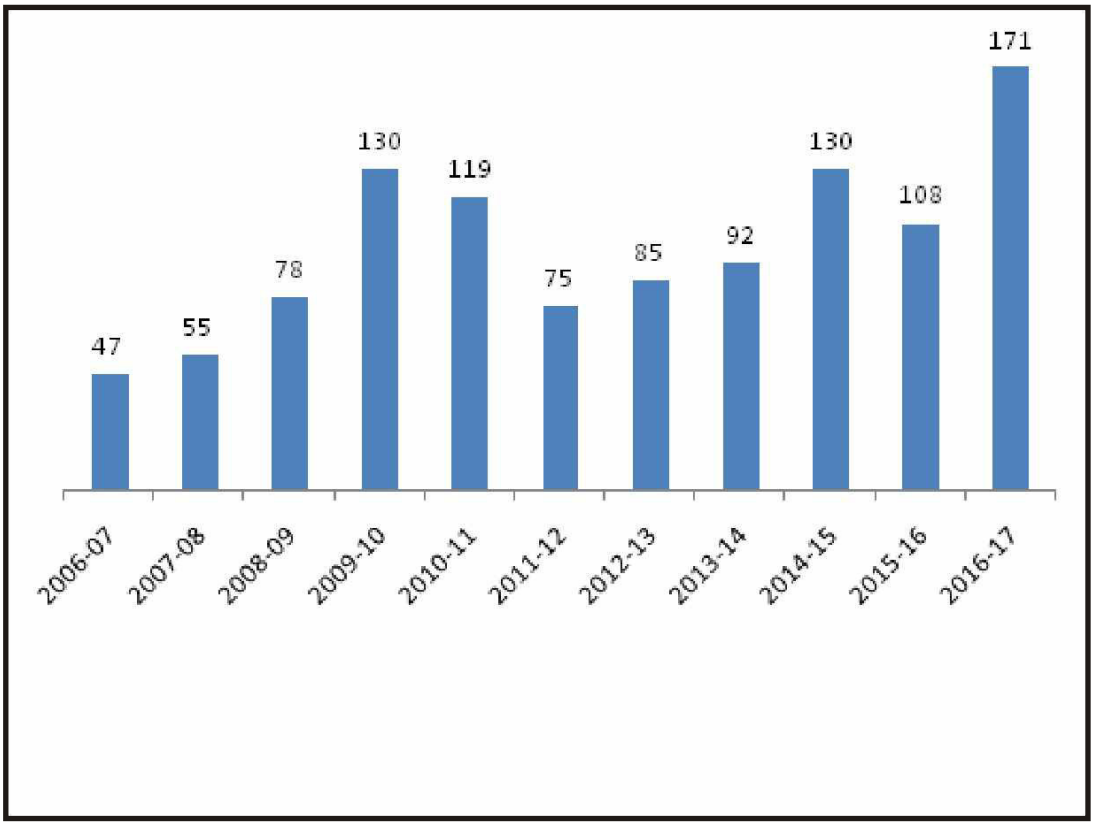
The institute has released as many as 171 Test Reports during 2016-17, which is THE HIGHEST EVER ANNUAL ACHIEVEMENT FOR NOT JUST THIS INSTITUTE BUT ANY FMTTIs

CATEGORY-WISE MACHINE TESTED DURING THE YEAR 2016-2017

Combine Harvester	13
Seedbed Preparation	13
Sowing & Planting	07
Inter Cultivation	26
Harvesting & Threshing	10
Residue Management/Miscellaneous	01
PP Equipment	96
Misc.	05
Total	171

YEAR-WISE MACHINE TESTED SINCE INCEPTION

Sl. No.	Year	MACHINES TESTED
1	1974-75 TO 2005-06	906
2	2006-07	47
3	2007-08	55
4	2008-09	78
5	2009-10	130
6	2010-11	119
7	2011-12	75
8	2012-13	85
9	2013-14	92
10	2014-15	130
11	2015-16	108
12	2016-17	171
	TOTAL Since Inception	1996



NUMBER OF MACHINES TESTED YEAR-WISE

5.3 TESTING LOGISTICS AVAILABLE:

Test laboratory of the Institute is well equipped with Modern and Sophisticated Instruments to carry out the tests on various Agricultural Machines. The lists of major testing logistics available with the institute are given as under.

S. No.	Name of Equipments/ Instruments	Range	Accuracy	Frq. of calibration
A.- POWER MEASUREMENT :				
1	EC-70 6-10 Eddy current Dynamometer with digital load & speed indicator (Electro-dyne)	At 1000 rpm=11 HP At 1600 rpm=20 HP At 6000 rpm=70 HP	±0.2%	Before each in test
2	D-700-1e Hydraulic dynamometer (Schenck)	At 1000 rpm=25 KW At 500 rpm=40 KW At 3500 rpm At 7500 rpm Power-700 KW	±0.2%	Before each in test
4	ESF-60S , Fuchino Eddy Current type Dynamometer	7 kW	±0.2%	Before each in test
5	E5 HSLC Eddy current Dynamometer	5kW	±0.2%	Before each in test

B- COMPRESSIVE AND TENSILE FORCE MEASUREMENTS :				
1	Universal type load cell wth3½ digit digital display indicator	0-100 Kgf	±0.1%	Before each in test
2	Load cell wth 4½ digit digital display indicator	0-5000 kgf	±0.1%	Before each test
3	Load cell wth3½ digit digital display indicator	0-3000 kgf	±0.1%	Before each in test
4	Universal Testing Machine	0-20Tonne	±1%	Proving Ring
C-MATERIAL TESTING				
1	Rockwell-cum-Brinell Hardness testing machine (Manual) Make – FTM Model – TRB-250	Test Load: 60,100,150 kgf(Rockwell) 187.5,250(Brinell)	±1%	Before each test
2	Rockwell-cum-Brinell Hardness testing machine (Digital) Make – BIE Model –TRB– 250DN	Test Load: 60,100,150 kgf(Rockwell) 187.5,250(Brinell)	±1%	Before Each Test
D- METROLOGICAL INSTRUMENTS				
1	Steel tape	3M, 15 ml, 30 M	±1%	Once in 3 years
2	Outside micrometer Dig. Type (Japan make)	0-25 mm, 25-50 mm, 50-75 mm, 75-100mm, 100-125mm, 125-150 mm, 150-175mm, 175-200mm	±0.1%	-do-
3.	Digital Inside micrometer	5-30mm	±0.1%	-do-
4.	Digital Cylinder bore gauge	6-10mm, 18-35mm, 35-60mm, 50-150mm	±0.1%	-do-
5.	Height gauge dial	0-600mm	±0.1%	-do-
6.	Steel micrometer	0-25mm, Depth 0-600mm	±0.1%	-do-
7.	'U' type throat micrometer	0-175-200mm	±0.1%	-do-
8.	Point micrometer	0-25mm, 25-50mm	±0.1%	-do-
9.	Disc micrometer	0-25mm	±0.1%	-do-
10.	Spline micrometer	0-25mm, 25-50mm	±0.1%	-do-
11.	Ball micrometer	0-25mm	±0.1%	-do-
12.	Vernier caliper, dial type	0-150mm	±0.1%	-do-
13.	Vernier caliper dial type	200mm, 300mm, 600 mm & 1000mm	±0.1%	-do-
14.	Vernier depth gauge	200mm	±0.1%	-do-
15.	Universal vernier caliper	0-150mm	±0.1%	-do-
16.	Digital Vernier Caliper Make – Mitutoyo Model – CD-12C	0-300mm	±0.2%	-do-

E- ELECTRICAL POWER, VOLTAGE & CURRENT MEASUREMENT				
1	Dimmer stat(Voltage Transformer)	0-500 volts	±0.5%	Once in 3 years
F- VACUUM & PRESSURE MEASUREMENT				
1	Dead weight pressure gauge tester	0-70 Kg/cm2	0.1 Kg	Once in 3 years
2	Vacuum gauge tester	0 to 1 Kg/ cm2	0.01 Kg	Once in 3 years
3	Bourdon tube pressure gauges	0 to 1 Kg/ cm2 0 to 2.5 Kg/ cm2 0 to 4 Kg/ cm2 0 to 5 Kg/ cm2 0 to 7 Kg/ cm2 0 to 10 Kg/ cm2 0 to 16 Kg/ cm2	±0.1%	Before each test
4	Exhaust gas pressure Indicator with pressure sensor	0-760mm of Hg	±0.1%	4-20mA current source
5	Intake air gas pressure Indicator with pressure sensor	0-200mm of Hg	±0.1%	-do-
6.	Engine oil pressure Indicator with pressure sensor	0-20kg/cm²	±0.1%	-do-
G- TEMPERATURE MEASUREMENT				
1	Digital temp. indicator (6 channel RTD i/p) Make –Anadig systems	0-300°C resolution 0.1°C	±0.5% FSD ±1 digit	Once in a year from NABL accreditated lab
2	Thermocouple indicator ('J' and 'K' type i/p)	0-1000°C	±5°C	-do-
3.	Industrial thermometer	0-120°C, 0-200°C, 0-300°C	±0.5°C ±0.5°C ±0.5°C	-do-
4.	Temp. sensors(RTD)	0-200°C range, Pt100 type	±1°C	-do-
5.	K-Type thermocouple	0-1100°C	±1°C	-do-
H- MISCELLANEOUS INSTRUMENTS				
1	Digital Barometer Make – Lutron Model – MHB- 382 SD	RH - 10% to 90% Temp. – 0-50 C Baro press. – 7.5 to 825.0 mmHg	RH - ±4% Temp. – ±0.8 C Baro P. - ±1.5 mmhg	Compared with psychrometer
2	Diesel Smoke Meter Model-AVL-437	Opacity: 0 to 100% Light Absorption	± 1% of FSD	Before each test
3	Noise level meter Make – CESVA Model – SC- 20e	23-137 db(A)	0.1 db	Noise level calibrator
4	Mechanical Vibration meter Make – B&K Type - 2525	1 Hz to 1 KHz Disp.-.01-100mm	±1%	Self calibration
5	Angle Protactor& Abney level	0 to 90°C	0.10%	--
6	Anemometer	0-17kmph	0.50%	--

7	Fuel Consumption meter	Digital fuel meter timer 0-999.9 sec Weights 100 gm to 1 Kg Fuel 10 gm to 150 gm/s	±0.1 sec 0.10% 0.10%	Before each test
8	Steering Torque & Angle meter Make – Mechnica Model- STM-3600	Effort-0-25kgm Angle-Endless	0.35% of FSD	Self check
9	Digital Soil Moisture meter Make – Lutron Model – PMS-714	0-50%	±5%	Hot air oven
10	Digital Grain moisture meter (Paddy,wheat)	8-20%	±1%	-do-
11.	Computerised Brake testing equipment Make – Reckers	0-225kgf (Pedal pressure)	0.10%	Calibrated weights
12	Spring testing machine	Load-0-10kg Displacement-0-100mm	±1%	Calibrated weight & measuring scale
13	Spring Testing Machine Make – ASIAN Model – ATE/STM/09	0 – 200 Kg	0.01 Kg	Calibrated dead weights
14	Digital hand tachometer	0-9900 rpm	1 rpm	Once in a year
15	Non contact type digital tachometer Make – METRAVI Model- NCTM-2000	1-99,999 rpm	1 rpm	Once in a year
16	Optical Emission Spectrometer Make - Metal Model – Metavision 1008 i			--do--
17	Gravimeteric Fuel Meter Make – IASYS Model – Iasys GFM V2.0	Max Flow rate 0 to 70 Kg/hr	C3 class of Full scale for both time & weight based control	Before each test
18	Load Cell Make – SYSCON Model – SPL-SI-486 4	0-5000 kgf	±0.1 FSR ± 1 Count	Calibrated dead weights
19	PTO Torque & power measuring equipment Make – Mechanica	1800 N-m		Self Calibration check
20	Weigh Bridge Make – Elite	20 M.T.	10 kg	
21	Anemometer Make – Lutron Model – AM-4201	0.4 – 30.0 m/s 1.4 – 108.0 Km/h	± 2% ± 2%	
22	Vibration Meter Make – MMF Model – VM30-H	Acceleration: 12 m/s2 – 6000 m/s2 Velocity: 120 mm/s – 60 m/s Displacement: 1.2 mm – 600 mm	±3% and ±2 digit at reference conditions	Once in a year from NABL accreditated lab
23	Electronic Weighing Balance Make – Contech Model – CTM-6001	1-6000 gram	0.11 ±g	Once in a year from NABL accreditated lab

6. LIST OF CMVR TESTING DURING THE YEAR 2016-2017

1	Tractor Powered Combine Harvester M/s North Agro India Pvt. Ltd., Sangrur Road, Dirba (Pb)	North India 513	CMVR/Comb-TM/2016-17/218	28.04.2016
2	Tractor Powered Combine Harvester M/s Iswar Farmline Equipment Pvt Ltd, Chaunda Road, Amargarh	Farmline TDC-3900	CMVR/Comb-TM/2016-17/219	26.07.2016
3	Self Propelled Combine Harvester M/s Manku Agrotech Pvt Ltd, Sehajpura Road, Samana Distt Patiala (Pb)	Vishal-328 Leal	CMVR/Comb-SP/2016-17/220	05.08.2016
4	Self Propelled Combine Harvester M/S Preet Agro Ind, P.O.-29 Patiala Road, Nabha(Pb)	Preet 7049	CMVR/Comb-SP/2016-17/221	16.09.2016
5	Tractor Operated Combine Harvester M/s Desmash Mech Works Raikot Road, Malerkotla (PB)	Dasmesh-912	CMVR/Comb-TM/2016-17/222	26.07.2016
6	Self Propelled Combine Harvester M/s Standard Corpn of India Standard Chowk Barnala(Pb)	Standard-513	CMVR/Comb-SP/2016-17/223	05.10.2016
7	Self Propelled Combine Harvester M/S Preet Agro Ind, P.O.-29 Patiala Road, Nabha(Pb)	Preet-987	CMVR/Comb-SP/2016-17/224	14.10.2016
8	Self Propelled Combine Harvester M/S Preet Agro Ind, P.O.-29 Patiala Road, Nabha(Pb)	Preet-987-D	CMVR/Comb-SP/2016-17/225	24.10.2016
9	Self Propelled Combine Harvester M/s TAFE Ltd, Hazur Garden, Sembiam Chennai	Cruzer7504 DLX SPVI	CMVR/Comb-SP/2016-17/226	26.10.2016
10	Self Propelled Combine Harvester M/s KHS Agrotech Ind Distt Jaitiuy(Pb)	Futura-213	CMVR/Comb-SP/2016-17/227 CMVR/Comb	04.11.2016
11	Tractor Operated Combine Harvester M/s G.C Agril Ind. Handaya Road, Barnala(Pb)	GC-4512	TM/2016-17/228 CMVR/Comb	21.11.2016
12	Self propelled combine harvester. M/s Punjab Agro Industries, Uttrakhand	Navjeet 913	SP/2016-17/229 CMVR/Comb	23.12.2016
13	Self propelled combine harvester. M/ss Channy Agro Ind, Bhawanigarh Road, Nabha(Pnb)	Channy-930	SP/2016-17/230	13.01.2017

14	Tractor Operated Combine Harvester M/s Guru Nanak Agril Engg Works, Handiaya (Barnaala)	Balkar B=-525	CMVR/Comb TM/2016-117/231	20.01.2017
15	Tractor Operated Combine Harvester M/s Panesar Agril Ind, Bhathinda Road, Near Handaya Chowk, Barnala(Pb)	Panesar TDC-513	CMVR/Comb TM/2016-17/232	08.02.2017
16	Self Propelled Combine Harvester M/s Manku Agrotech Pvt Ltd, Sehajpura Road, Samana Distt Patiala (Pb)	Vishal-368 Multiland	CMVR/Comb-SP/2016-17/233	09.03.2017
17	Self Propelled Combine Harvester M/s New Dave Agro Works Bhadson Road, Rohti Pull, Nabha (Pb)	New Dave-4800	CMVR/Comb-SP/2016-17/234	20.02.2017
18	Self Propelled Combine Harvester M/s Matharu Brothers Agrotech Pvt Ltd. Dhrui Distt Sangrur (Pb)	Jagpreet-787	CMVR/Comb-SP/2016-17/235	20.03.2017
19	Tractor Operated Combine Harvester M/s Dasmesh Mechnical Works Pvt Ltd, Raikot Road, Malerkotla Distt Sangrur (Pb)	Dasmesh-912	CMVR/Comb-TM/2016-17/235	24.03.2017
20	Tractor Operated Combine Harvester M/s Standard Agricure Works, Standard Chowk Bhatinda Road, Barnala (Pb)	Standar S-390	CMVR/Comb-TM/2016-17/235	30.3.2017

7. FARM

The Institute possess 152.48 ha land.The disrtibution of land is given below. Out of total farm land, 25.60 ha of land is under irrigation. The farm is utilized for extensive field training and testing of Agricultural machinery. Regular crops are grown to support training and testing activities of the institute. During the last few years the irrigated fields are suffering from water logging due to increased water table resulting in salinity of the soil, which has reduced the cultivable area. However,08.0 ha area has been developed in the financial year 2016-17 which wasundevloped saline area infested with kabuli kikar & busheh since last 30 years. The details of land are as under:

Sr. No.	Distribution of Area	Ha.
1	Total area of the Institute	152.48 ha
2	Area under building and other amenities	30.92 ha
3	Area transferred to NRCE for VTC lab	1.90 ha
4	Area transferred to the Haryana Government for construction of Southern periphery road along Balsamand Distributory at Hisar	0.66 ha
5	Animal Husbandry Dairy Department, Government of Haryana signed a Lease Deed with KRIBHCO on dated 24-08-2009.	1.50 ha
6	Total available farm area	117.50ha
(i)	Area under farm road	12.0 ha
(ii)	Area under channels	7.60 ha
(iii)	Pond area	4.73 ha
(iv)	Undeveloped, Undulated & Saline area infested with abuli Kikar & bushes	14.80 ha
(V)	Unfenced, undeveloped, undulated & Saline area adjacent to Peeravali Village, Which is suitable for Agro forestry crops	20.59 ha
(vi)	Net available cultivable area (a) Irrigated Area : 24.00 Ha (b) Rain fed Area : 32.18 Ha (c) Horticulture Area : 01.60 Ha	57.78 ha

8. MACP of following staff members were cleared during 2016-17

Sl. No.	Name of employee & designation	Date of initial appoint-ment	Pay Matrix/ Level before M.A.C.P.	MACP granted after 10/20/30 years and Pay Matrix/Level	Date from which MACP granted
1.	Gurjeet Singh Sr.Technician	26.04.2006	Pay level-4 in the Pay of matrix of Rs. 25500-81100/- (Pre-Revised 5200-20200+2400 GP)	After 10 years, Pay level-5 in the Pay of matrix of Rs. 29200-92300/- (Pre-Revised 5200-20200+2800 GP)	26.04.2006
2.	Sube Singh Technician	19.06.1996	Pay level-2 in the Pay of matrix of Rs. 19900-63200/- (Pre-Revised 5200-20200+1900 GP)	After 20 years, Pay level-3 in the Pay of matrix of Rs. 21700-69100/- (Pre-Revised 5200-20200+2000 GP)	19.06.1996
3.	Sudershan MTS	01.08.2006	Pay level-1 in the Pay of matrix of Rs. 18000-56000/- (Pre-Revised 5200-20200+1800 GP)	After 10 years, Pay level-2 in the Pay of matrix of Rs. 19900-63200/- (Pre-Revised 5200-20200+1900 GP)	01.08.2006
4.	Nawal Kishore MTS	30.01.1997	Pay level-2 in the Pay of matrix of Rs. 19900-63200/- (Pre-Revised 5200-20200+1900 GP)	After 20 years, Pay level-3 in the Pay of matrix of Rs. 21700-69100/- (Pre-Revised 5200-20200+2000 GP)	30.01.1997

9. CELEBRATIONS

1	21st May	Anti-Terrorism Day
2	15th August	Independence Day
3	1st to 15th September	Hindi Diwas Day
4	2nd October	Gandhi Jayanthi "Swaccha Bharat Mission"
5	28th October to 2nd November	Vigilance Awareness Week
6	19th to 25th November	Communal Harmony Campaign Week/ Quami Ekta Week
7	26th January	Republic Day

Dignitaries visit:

Shri Mohan Bhai Kundaria, Hon'ble Minister of State for Agriculture and Farmers Welfare, visited this institute on 31.05.2017

9.1 PARTICIPATION IN VARIOUS FAIRS AND EXHIBITIONS DURING 2016-17

Sl. No.	Fair/Exhibition	Place	Date	Theme
1.	Exhibition Cum-Seminar (Sangam)	Pandit Deen Dayal Upadhyay Dham , Mathura (U.P.)	25-29 Sept. 2016	Programmes and achievement of the various departments of this ministry
2.	Agro Tech-2016	Chandigarh	19-22 November 2016	Production, Mechanization, Micro irrigation, Post-Harvesting facilities like cold chain storage & Warehouses
3.	IITF-2016	Pragati Maidan, New Delhi	14-27 November 2016	Digital India
4.	Horti India-2017	Noida (U.P.)	9-10 2017	Conventional and Alternative Horticultural production systems.
5.	GRAMODAY MELA	Chitrakoot (M.P.)	14-27 February, 2017	
6.	Krishi Unnati Mela, 2017	IARI, New Delhi	15-17 March 2017	

10. Director participated in the following Meeting during Financial year -2016-2017

1	Attend the Review Meeting on 22.08.2016
2	Attend the Review Meeting on 12.09.2016
3	250th Meeting of the Board of Directors of Haryana Agro Industries Corporation Ltd. Panchkula. Dated 15.09.2016
4	Attend the meeting for Review on 25.11.2016
5	Attend the Budget Meeting , Krishi Bhawan, New Delhi dated 28.11.2016
6	Minutes of Meeting dated 19.12.2016, Krishi Bhawan, New Delhi
7	250th Meeting of the Board of Directors of Haryana Agro Industries Corporation Ltd. Panchkula. Dated 21.12.2016
8	Attend the Budget Meeting , Krishi Bhawan, New Delhi dated 05.01.2017
9	Attend the meeting for Discussion and Adoption of a Draft Test Code on Combine Harvester-thresher recommendations on selected performance and other characteristics on 02.02.2017

DISCLAIMER

This report is published for the sake of information and information alone. Every effort has been made to maintain the accuracy yet it cannot be claimed to be flawless. Readers' discretion is solicited.


हिन्दी सप्ताह


भारत सरकार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