# Annual Report 2013-14











GOVERNMENT OF INDIA
MINISTRY OF AGRICULTURE (DEPTT. OF AGRI. & COOPN.)
MECHANIZATION & TECHNOLOGY DIVISION

**Northern Region Farm Machinery Training & Testing Institute** 

(AN ISO 9001 : 2008 CERTIFIED INSTITUTION)

SIRSA ROAD, HISAR -125 001



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# NORTHERN REGION FARM MACHINERY TRAINING & TESTING INSTITUTE

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# Preface

# HIMAT SINGH Director Northern Region Farm Machinery Training & Testing Institute,

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Farm Mechanization is playing vital role in saving energy & resources and faster the agriculture growth through efficient utilization of inputs by ensuring timeliness of agricultural operation and reducing cost of production. Due to non-availability of manpower during peak crop seasons and global warming demands appropriate machines & equipments for various farm operation. Farm mechanization in India is progressing steadily and gaining more importance in the context of increasing the productivity and higher returns to the farmers besides alleviation of drudgery associated with various farm operations.

The Institute has organized Seminars, Krishi Darshan Expo – 2013 in which nearly 250 exhibitors and 60,000 farmers were benefited. The Institute also displayed the machinery in the IITF-2013 and EIMA Agrimach-2013, New Delhi. This Institute has been instrumental in promotion of agricultural mechanization in the country by way of popularizing new technology, equipments, through demonstrations, human resource development and quality improvement of the agricultural machines and equipments. This Institute got 'ISO 9001-2008 Certification' on 11/02/2014. Since inception, this Institute has trained 51293 trainees and tested 1586 agricultural machines. During year 2013-14, this Institute has trained 1990 trainees and tested 92 machines. However, with the technological advancements, the challenges in the field of agricultural mechanization are required to be addressed very efficiently for which the Institute also have to share more responsibilities. The sustainable delivery and support systems have to be brought in to address the problems of the end users for which augmentation of the facilities and infrastructure at the institute is necessary.

In this year testing facilities for testing of Laser Land Leveler and Chemical Analysis of elements in critical component of farm machines are set up. Test procedures are also developed with the cooperation of manufacturer for testing of Laser Land Leveler, Cotton Picker, Tractor PTO powered Gyaro Rack and Hydroponic machine for raising fodder crop and nursery. This Institute also achieved the Zero Wait List in respect of Combine Harvester, Thresher, Straw Reaper Combine, Cotton Planter, Baler and Happy Seeder.

I am happy to release the Annual Report of the Institute for the financial year 2013-14 which gives brief information about different activities of the Institute. I take this opportunity to thank all officers and staff of this institute for their coordinated efforts in achieving the desired targets and at the same time I would like to urge to continue this for the future.

### THE INSTITUTE

he modernization of agriculture through progressive use of modern agricultural machinery and improved farming techniques, will promote higher productivity and production, better quality agro produce and in turn, higher economic return and employment besides alleviation of drudgery associated with farm operations. Tractors, combine harvesters, power tillers, irrigation pumps and other farm machinery are now being extensively used in the country. Yet, there is a lack of knowledge and experience in the proper operation and maintenance of farm machinery and also selection of machinery and implement combinations best suited to various farming conditions. To derive maximum benefit from the use of farm machinery, trained manpower is needed in the field of selection, operations and maintenance of farm machinery. Adoption of techniques of mechanized cultivation is also of great importance.

To meet this requirement, the Govt. of India established an Agricultural Machinery Utilization Training Centre at Budni (Madhya Pradesh) in 1955. Subsequently, the task of testing of tractors and allied farm machinery was also entrusted to the Centre. On augmented demand from various sectors for trained man power and need for quality improvements on equipment, Government of India established three more Farm Machinery Training and Testing Institutes at Hisar (Haryana) in 1963, Garladinne (Andhra Pradesh) in 1983 and Biswanath Chariali (Assam) in 1990. Since then the institutes are catering to the various requirements of farm mechanization in the country.

#### Location

Hisar is situated at latitude of 29° 10' North and longitude of 75°46' East at an altitude of 215.2 m from Sea level. The Northern Region Farm Machinery Training & Testing Institute, at Hisar is located on National Highway No. 10 and is about 170 Km from Delhi by road and 185 Km by rail. This institute is situated on Sirsa road about 4 km from Hisar town. Hisar is well connected by road from Inter-state Bus Terminus (ISBT) Delhi & is also connected with New Delhi by rail.

#### **Climate**

Hisar has tropical monsoonal climate and is characterized as arid type of climate. It has characteristically four seasons during the year viz. summer (March to May), South West monsoon (June to September), Post Monsoon (Oct. to Nov.) and winter (Dec. to Feb.). The summers are generally quite hot and winters are fairly cool.

Annual average precipitation is about 350-400 mm. The minimum and maximum temperature at Hisar during different months is given below.

Temp.	Jan	Feb	Mar	Apr	May	Jun
Max. °C	17.2	22.7	30.3	39.7	40.9	39.6
Min. °C	7.7	8.6	11.1	16.2	23.0	25.1

Temp.	July	Aug	Sept	Oct	Nov	Dec
Max. °C	37.5	36.4	33.5	31.4	27.9	21.6
Min. °C	26.9	24.6	24.6	19.6	11.4	6.4

#### MANDATES OF THE INSTITUTE

#### a) Training

- To train trainers in the selection, operation, maintenance/repairs, energy conservation, scheduling and management of various agricultural implements and machinery.
- To offer training programs to the personnels of State Governments/ Organizations / Institutions to cater their need on various aspects of agricultural mechanization.
- To impart refresher training to technicians, rural youths, farmers and others in the repair and maintenance and energy conservation of agricultural machines.
- To offer on the job training to technicians who want to establish their own workshops for repairs of agricultural implements, electrical motors, engines, tractors etc.
- To train users/farmers in the operation, maintenance, energy conservation and other aspects of agricultural implements and machines.
- To arrange on-site training program (village camps) on energy conservation, preventive maintenance etc. for the benefits of the farmers, technicians and extension personnel.
- To conduct training program for foreigners sponsored by international agencies like ILO,
   FAO, ITEC, SCAAP etc. for improvement in their knowledge and skill in operation and maintenance of tractors and agricultural machinery.

#### b) Testing

- i) To test the combine harvesters, engines, irrigation equipment, implements and other agricultural machines manufactured in the country or imported 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 type of machine suited for Indian conditions, which could be encouraged for import, production and popularization.
  - Help the farmers and other perspective purchaser in assessing the comparative performance
    of the machines and selection thereof.
  - Provide data/material to extension workers for guiding farmers and other purchasers in the proper selection of the equipment and to provide material to the researchers/designers for improvement in the guality and other R&D work.
  - Form basis for standard specification to be used by manufacturers and distributors.
  - Help financial institutions in providing financial assistance both to the manufacturers and farmers.
- ii) To test components of farm machinery for assisting manufacturers for product improvement.
- iii) To promote export of agricultural machines through testing in accordance with the International/Indian Standards.
- iv) To assist Bureau of Indian Standards in formulation of National Standards on agricultural equipments.

Apart from above regular testing activities, the testing wing also takes up:

- Evaluation of samples under Consumer Protection Act through District Consumer Redressal Forum.
- Preparation of comparative performance data of different machines for the benefit of user/ farmers.
- Testing of prototypes/ commercial model developed by SAUs and ICAR etc.
- Testing of combine harvesters under Central Motor Vehicle Rules.

### **INFRASTRUCTURE FACILITIES**

#### A. Staff

The sanctioned staff strength of the Institute is 81 comprising 3 Group "A", 6 Group "B" Gazetted, 12 Group "B" Non-Gazetted and 60 Group "C" officers/officials. During the year 2013-14, 15 posts were vacant. A team of qualified technical staff is engaged for imparting "on-the-job" training under the guidance of well-qualified senior engineers. Similarly, the testing wing is manned by qualified engineers. Organizational chart of the Institute is given in Annexure–I.

#### **B.** Library

The Institute has a well-maintained Library having about 17000 books both in English and Hindi, on various aspects of agricultural mechanization. In addition to text books, quite a good number of engineering journals, Indian as well as foreign journals are also available. There is also a large collection of technical bulletins and newsletters.

#### C. Farm

The Institute posses 101 ha Farm area out of which 43 ha is net cultivable area.15 ha is irrigated land and rest is rainfed. Regular crops are being grown to support training & testing activities of the institute.

#### D. Rest House

A rest house with moderate facilities is available at the Institute for accommodating visitors and manufacturers.

## E. Dispensary

A dispensary is equipped with modern medical instruments for normal medical check-up. The medicine for first aid treatment of trainees and staff and their family is adequately available in the dispensary. The dispensary is staffed with a regular compounder and a part-time medical practitioner.

#### F. Hostel

There are three hostels, two for boys & one for women trainees separately with the facility of contract mess. The total capacity of hostels is about 150 trainees. The lodging facilities to the

trainees are provided free of cost. The mess on contractual basis is being run in the hostel with moderate charges of Rs. 71/- per day. There are indoor & outdoor sports facilities for trainees.

#### **G. Machinery and Equipments**

The following machinery and equipments are available in the institute for imparting training and conducting testing of agricultural machinery.

Pneumatic wheeled tractors	19
Crawler tractors	01
Transport vehicles	02
Stationary engines	06
Centrifugal and submersible pumps	21
Farm machines & implements	150
Plant protection equipment	20
Horticulture tools (Petrol operated)	03

#### **H. Audio Visual Section**

To supplement "on-the-job" training, sizeable collection of cut-way models of tractors, engines, pumps, electric motors and a number of display charts, boards and models are available. The Audio Visual Section possesses multimedia projector, 32" LCD Television, video cassettes and video CDs on technical matters.

### I. Laboratory

Training section is equipped with following laboratories to impart the training on various aspects of mechanization.

- Appropriate Mechanization Technology Lab.
- Agriculture Processing and Value Addition Lab.
- Non-conventional Energy Sources Lab.
- Irrigation Pump Lab.
- Gender Friendly Equipments/Tools Lab.
- Plant Protection Equipment Lab.
- Bullock Drawn & Hand operated equipment Lab.
- Hydraulic Lab., Tractor Cut Model and Demonstration Lab.





## **TRAINING**

The training wing is fully equipped with the facilities to impart "on-the-job" training on operation, repair & maintenance, and overhauling of Tractors, power tillers. The training wing also have the facility to impart training on assembling and dismantling of assemblies/sub-assembly of hydraulic system, auto electrical system, engine, power transmission system, irrigation pumps, plant protection equipments, electric motor and other hand tools. There is a good collection of machinery required for crop production, harvesting/post harvesting & value addition of farm produce. The various training programmes are being offered, their duration, incidental charges and training calendar for the year 2014-15 are given in Table no.1 & 2 respectively.

#### **TRAINEES TRAINED**

Total 1990 trainees were trained against the target of 1900 during the year 2013-14. Out of the 1990 trainees, 285 are women trainees. Category-wise trainees trained including General 658, SC 410, ST 37 & OBC 885. According to size of land holdings the trainees trained comprises of landless-1489, small - 221, medium – 116 & large – 164. The progressive total of the trainees trained since inception of the institute is 51293 out of which 152 are Foreign Nationals. The year-wise number of trainees trained is graphically shown in Annexure-II.

The trainees trained during last five years, course-wise are shown in Table-3. The total trainees trained state-wise during last five years and since inception of the institute is represented in Table-4. A list of foreign nationals trained since 1984 is given in Table-5.

TABLE 1: TRAINING PROGRAMMES

S.N	Name	of the Course	Duration	Inci- dental charge
I	USER	LEVEL COURSES:		
	U1	Appropriate Mechanization Technology for Energy Management in Agriculture	4 weeks	FREE
	U2	Selection, Operation, Safety and Maintenance of Improved Agricultural Machinery	6 weeks	
	U3	Operation, Maintenance and Management of Power Tiller	2 weeks	

	U4	Training Program on Agro Processing & Value Addition Equipments	2 weeks	
	U5	Gender friendly Equipments for Women Farmers	3 days	
	U6	Utilization of Non-conventional Energy Sources in Agriculture	1 week	
	U7	Water Management Through Sprinkler and Drip Irrigation & Water Saving Devices	1 week	
	U8	Selection, Operation, and Maintenance of Plant Protection Equipments	1 week	
	U9	Selection, Operation, and Maintenance of Improved Harvesting & Threshing Machines	2 weeks	
	U10	Selection, Operation, and Maintenance of Hand Pump	1 week	
	U 11	Selection, Operation and Maintenance of Agril.  Machinery for Dry Land Agriculture	2 weeks	
	U12 C	rop Specific Machines:		
	a)	Package of Agricultural Machinery for Paddy Cultivation		
	b)	Package of Agricultural machinery for Maize cultivation		
	c)	Package of Agricultural machinery for Vegetable Cultivation		
	d)	Package of Agricultural Machinery for Sugarcane Cultivation	1 week	
	e)	Package of Agricultural Machinery for Horticulture & Medicinal Crops Cultivation	each	FREE
	f) Package of Agricultural Machines for Oil Seed and Pulse Crop			
	g) Package of Agricultural Machinery for Forage/Fodder Production and Fodder Management			
	U13	Information Technology Application in Farm Mechanization		
II		CIAN LEVEL COURSES: es on Repair and Overhauling		
	T1	Repair and Overhauling of Stationery Engines and Tractors	6 weeks	Rs.300
	T2	Repair & Overhauling of Power Tillers	2 weeks	Rs.100
	Т3	Establishment and Management of Agricultural Machinery Repair and Maintenance Workshop	4 weeks	Rs.200
	T4	Study & Repair of Hydraulic System in Agriculture Machines.	4 weeks	Rs.200

	T5	Repair and Maintenance of Auto Electrical Equipments and Battery Re-conditioning	3 weeks Rs.150		
	Т6	Repair, Maintenance & Rewinding of Electrical Motors, and Submersible Pumps for Agricultural Use	3 weeks	Rs.150	
	T7	Operation & Maintenance of Land Shaping and Development Machinery	4 weeks	Rs.200	
	T8	Repair, Maintenance & Overhauling of Diesel Pumping Sets	2 weeks	Rs.100	
	Т9	Maintenance, Repair and Installation of Combine Harvesters and Straw Reaper	3 weeks	Rs.150	
	B. Earni	ng While Learning Courses:			
	TEL-1	Repair and Overhauling of Stationery Engines, Tractors and Diesel Pumping Sets (Refer course contents of T-1 course)	6 months	Rs.200 per course	
	TEL-2 Repair & Overhauling of Power Tillers (Refer course contents of T-2 course)		6 months		
	TEL-3 Establishment and Management of Agricultural Machinery Repair and Maintenance Workshop (Refer course contents of T-3 course)		6 months		
	TEL-4 Repair and Maintenance of Auto Electrical Equipments, Battery Re-conditioning, Rewinding of Electrical Motors and Submersible Pumps (Refer course contents of T-5 & T-6 course)		6 months		
	TEL-5 Maintenance, Repair and Installation of Combine Harvesters and Straw Reaper (Refer course contents of T-9 course)		6 months		
III	MANAGE	MENT LEVEL COURSES:			
	M1 Testing and Evaluation of Farm Machinery		1 week	Rs.1000	
	M2 Agriculture Machinery Management		1 week	per	
	M3 Export Management of Agricultural Machinery		1 week	month	
	M4 Instrumentation for Farm Machinery Testing and Evaluation		1 week		
	M5	Entrepreneurship Development to Establish Custom Hiring Agro-service Centre	8 weeks	Rs.400	
	M6	Farm Machinery Management for Dealers / Traders / Manufacturers etc.	1 week	Rs.1000 per month	

IV	ACADEN	/IIC LEVEL TRAINING PROGRAMME:		
	A1	Practical Training Programme on Farm Power & Machinery for Degree/Diploma Engineering Students	4 weeks	Rs. 200 per course
	A2 Practical Training Programme on Farm Power and Machinery for ITI & Vocational Courses for 10+2 Students		4 weeks	
V	AWARE	NESS COURSES THROUGH MULTIMEDIA SYSTEM:		
	AW1 Centrally Sponsored Schemes for Subsidy on Agricultural Machinery, Agri-Business and Agri Clinic  AW2 Straw Management in Agriculture		1 to 2 days	Free
	The state of the s		1 day	
			1 day	
	AW4 Safety in Agricultural Machinery		1 day	
	AW5 Adaptation of New Technology Machinery - Publicity  AW6 Bankers Training Programme for Financing		1 week	
	AW6 Bankers Training Programme for Financing Agricultural Machinery		1 day	
VI	TECHNO	DLOGY TRANSFER CAMPS – OFF CAMPUS		
	TT1	Energy Conservation & Safety in Farm Machinery	1-2 days	Free
	TT2 Familiarization and Demonstration of Improved/ Modern Agricultural Machines		1-2 days	
VII	SJGSY	SJGSY Training Programme for Rural Youth Under Swarn Jayanti Gramin Swarojgar Yojana		As per the norms of the Govt. scheme
VIII	NB	NB Need based Training Programme on Farm Mechanization		Rs. 200
IX	FN	N Training programme for Foreign Nationals as per Requirements under Bilateral Programme		As per Govt. policy
X	DF Special Training programme on Utilization, Operation, Maintenance and Repair of Agricultural Machinery for Defence Personnel Sponsored by Director General of Re-settlement. (U-2 + T-1)		12 weeks	As per Govt. policy

The trainees under user level course (U1-U12) are provided stipend @ Rs.2000 per month or @ Rs 500/- per week as amended from 2014-15 onwards. The one time to & fro travel charges are reimbursed on production of actual ticket by ordinary mode of transport.

Table-2: TRAINING CALENDER FOR THE YEAR 2014-15

NORT	HERN REGION FARM	MACHINERY	NORTHERN REGION FARM MACHINERY TRAINING AND TESTING INSTITUTE, SIRSA ROAD, HISAR	OAD, HISAR		
NAME	NAME OF COURSE	CODE	COURSE NAME	DATE OF COMMENCEMENT	DURATION (WEEKS)	Eligibility
⋖	USER LEVEL COURSES	5	Appropriate Mechanization Technology for Energy Management in Agriculture	4th August , 2014 5th January, 2015 and as per requirement	4	Progressive farmers desirous of taking to
		Zn	Selection, Operation, Safety and Maintenance of Improved Agricultural	1st September.2014, 13th October 2014, 1st December.2014, 16th February. 2015	9	mechanized farming, tractor and agricultural
		53	Machinery Gender friendly Equipments for Women	4th August 2014. 25th August 2014. 13th	-	machinery owners, nominees of Central/
			farmers	October 2014, 1st December 2014,16 <sup>th</sup> Eabrusty 2015, and as ner requirement		State Government
		70	Water Management Through sprinkler and	9th February 2015 and as per	-	extension workers and
			drip Irrigation & Water saving devices.	requirement		people working in
		83	Selection, operation and maintenance of	8th September 2014and as per	-	private institutions
			Plant Protection Equipments	requirement		using farm machinery
		ബ	Selection, Operation, and Maintenance of	7th April 2014, 20th October 2014 and	2	
			improved Harvesting & Threshing machines	as per requirement		
		111	Selection, operation and maintenance of	7th July, 2014 and as per requirement	2	
			agril. Machinery for dry land agriculture			
		U12a	Package of Agril. machinery for Paddy	Ist September 2014, 13th October 2014,	_	
			cultivation	1st December. 2014, 9th February 2015		
				and as per requirement		
В	TECHNICIAN LEVEL	⊏	Repair and overhauling of Stationery	7th April, 2014, 13th October, 2014, 24th	9	Candidate should possess
	COURSES		engines and tractors	November, 2014, 12th January 2015		an ITI certificate in related
		15	Repair and maintenance of Auto Electrical	14th April 2014, 4th August 2014 , 25th	က	field viz. tractor mechanic,
			equipments and Battery re-conditioning	August 2014 and as per requirement		farm mechanic, diesel
		82	Repair, maintenance & overhauling of diesel	4th August 2014, 5th January 2015 and	2	mechanic or equivalent
			pumping sets	as per requirement		certificates. The candidates
						who have already
						undergone U2 series
						course are also eligible.

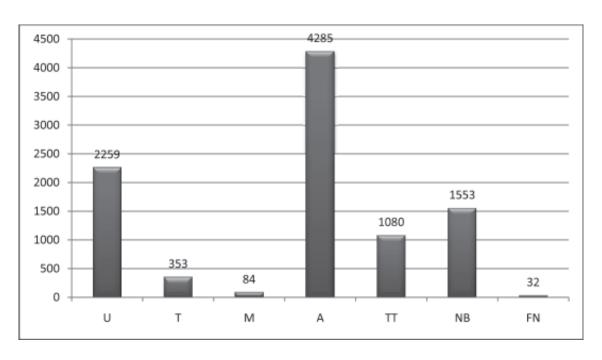
ပ	MANAGEMENT	M1	Testing and Evaluation of Farm Machinery	7th April 2014 and as per requirement	-	Representatives of tractor
	LEVEL COURSES	M2	Agriculture Machinery Management	3rd November 2014 and as per	_	and agricultural machinery
	•			requirement		manufacturers, private
		M4	Instrumentation for Farm Machinery Testing and Evaluation	14th April 2014 and as per requirement	-	entrepreneurs, Nominated officials from the Central/
	•	M5	Entrepreneurship development to establish	2nd February 2015 and as per	<sub>∞</sub>	State Government
			custom hiring agro-service centre	requirement		organizations
		M6	Farm machinery management for dealers /	As per requirement	_	
			traders / manufacturers, etc.			
٥	ACEDEMIC LEVEL	A1	Practical Training programme on Farm Power	5 <sup>th</sup> May, 2014, 2 <sup>nd</sup> June, 2014, 1st	4	Candidates nominated by
	COURSES		& Machinery for Degree/Diploma	July, 2014 and as per requirement		the Degree/Diploma
			Engineering Students.			engineering Colleges
		A2	Practical Training programme on Farm Power	7th April 2014, 4th August 2014, 1st	4	Candidates nominated by
			and Machinery for ITI & vocational courses	September 2014., 6th October 2014, 3rd		the ITI colleges
			for 10+2 Students.	November 2014, 1st December 2014.		
				5th January 2015, 2nd February 2015		
				and as per requirement		
ш	NEED BASE	NB	Need based Training Programme on	As per requirement		
			Farm Mechanization			
ェ	TRAINING	DF	Special Training programme on Utilization,	As per requirement	12	Defence personnel
	PROGRAMME FOR		operation, maintenance and repair of Agril.			sponsored by Director
	DEFENCE		Machinery for Defence personnel sponsored			General of Re-settlement
	PERSONNEL		by Director General of Re-settlement.			
			(U-2 + T-1)			
_	SJGSY SCHEME	S	Training Programme For Rural Youth Under	As per requirements	2	Rural youth
	TRG.		Swarn Jayanti Gram Swarojgar Yogana			
_	TECHNOLOGY	Ε	Energy conservation & safety in farm	As per requirement		Agricultural machinery
	TRANSFER CAMPS		machinery			users
		ТТ2	Familiarization and demonstration of	and as per requirement		Agricultural machinery
			improved/ modern agril. Machines.			users
Note	:- The training progr	ams whic	Note :- The training programs which are not included or available in above calendar will be conducted on demand from the needy organizations.	alendar will be conducted on demand i	from th	e needy organizations.

TABLE 3 : COURSE-WISE TRAINEES TRAINED IN VARIOUS COURSES

DURING LAST FIVE YEARS (2009-10 To 2013-14)

Name of the Course	Trainees Trained						
	2009-10	2010-11	2011-12	2012-13	2013-14		
User Level (U)	655	408	284	340	572		
Technician Level (T)	86	50	81	77	59		
Management Level (M)	-	02	42	40	-		
Academic Level (A)	521	784	942	1030	1008		
Technology Transfer (TT)	-	266	225	270	319		
Need Based (NB)	696	376	312	137	32		

### **COURSE-WISE TRAINEES TRAINED DURING LAST FIVE YEARS**



**TABLE 4: STATE-WISE TRAINEES TRAINED** 

State	Traine	es trained	during last	five years		Trainees trained
	2009-10	2010-11	2011-12	2012-13	2013-14	since inception &
						upto March 2014
Arunachal Pradesh	1 —	_	_	_	_	29
Andhra Pradesh	<u> </u>	<u> </u>	_	_	<u> </u>	186
Assam	04	7	01	10	_	217
A & N Islands	<u> </u>	-	-	_	_	07
Bihar	71	280	237	16	09	2146
Chandigarh	<u> </u>	_	_	12	01	41
Chhattisgarh	08	01	_	_	41	65
Delhi	65	03	10	_	02	308
Gujarat	10	06	27	10	14	399
Goa	_	_	_	_	_	21
Haryana	1460	1116	1150	1106	1193	27582
Himachal Pradesh	01	_	01	<u> </u>	_	427
Jammu & Kashmir	07	06	01	_	_	314
Jharkhand	08	02	01	_	01	33
Kerala	<u> </u>	_	01	_	06	178
Karnatka	_		_	_	_	91
Madhya Pradesh	07	52	40	39	29	910
Maharashtra	46	88	114	229	173	2402
Manipur	<u> </u>	_	_	_	01	70
Mizoram	T —	<u> </u>	_	_	_	13
Meghalaya	T —	<u> </u>	_	_	_	10
Nagaland	T —	<u> </u>	_	_	_	79
Orissa	15	13	18	_	_	433
Punjab	13	01	03	9	02	1883
Pondicherri	T —	<u> </u>	_	_	_	1
Rajasthan	53	34	24	135	124	5887
Tripura	T —	<u> </u>	03	_	_	45
Tamil Nadu		_	03	85	_	519
Uttar Pradesh	177	244	241	218	377	6206
West Bengal	03	07	10	11	_	453
Sikkim	T —		_	_	_	1
Uttaranchal	10	26	01	14	17	185
Foreigners	1 —	<u> </u>	_	32	<u> </u>	152
Total	1958	1886	1886	1926	1990	51293

TABLE 5: FOREIGN NATIONALS TRAINED SINCE THE YEAR 1984

Name of the Country	Trainees Trained		
Trainees trained before 1984	54		
Algeria	1		
Bolivia	1		
Egypt	2		
Ghana	1		
Kenya	4		
Madagascar	2		
Malawi	11		
Morocco	1		
Nigeria	3		
Syria	3		
Seychelles	1		
Tanzania	2		
Vietnam	1		
Bhutan	2		
Botswana	2		
Ethiopia	3		
Iraq	1		
Laos	5		
Mauritius	1		
Myanmar	3		
Nepal	2		
Philippines	3		
Sudan	2		
Thailand	1		
Uganda	8		
Rwanda	7		
Afghanistan	25		
Total	152		

# **TESTING**

Govt. of India set up the testing wing of this Institute in the year 1972. It acts as an important link between manufacturers and users of agricultural machines as well as other agencies responsible for the introduction and popularization of farm equipments. Two types of tests *i.e.* commercial and confidential are carried out at the Institute. **Commercial test** is aimed to verify the declarations/ claims of the manufacturer/applicant for performance characteristics of machines that are in or ready for commercial production. **Confidential test** is carried out for providing confidential information on the performance of machines, whether ready for commercial production or not or to provide any special data that may be required by the manufacturer/applicant.

The testing wing of this Institute is equipped with specialized and modern scientific equipments/ instruments for conducting various tests on a wide range of agricultural machines

The testing wing has following operational laboratories for testing of Agricultural machines and equipments

- Engine Test Laboratory
- Plant Protection Equipment Test Laboratory
- Irrigation Pump Test Laboratory
- Implement Test Laboratory
- Fuel Filter Test Laboratory
- Design and Drawing Section
- Instrumentation Cell
- Laser Land Leveller Test Laboratory
- Computer Cell and Reprographic Section

This Institute is authorized by the Ministry to test Combine Harvesters. The testing wing is fully commissioned to take up the tests on Self-propelled combines and engines having output capacity from fractional horsepower up-to 700 kW.





The institute has also been authorized to issue CMVR certificates to the combine harvester manufacturer under rule 126 of the Central Motor Vehicles Rules 1989 by Ministry of Shipping, Road Transport and Highways.

Apart from the above regular testing activities, the testing wing also takes up the evaluation of samples under Consumer Protection Act through District Consumer Redressal Forum.

The testing authority actively participates in the proceedings of various sectional committees of BIS meant for the formulation of Indian Standards on Agricultural Tractor and other Farm Machinery and committees formulated by Ministry of Agriculture on mechanization aspects.

#### **Machines Tested**

During the year 2013-14, total 92 machines have been tested against the annual target of 74 machines. Since inception total **1586** machines have been tested. Categoy-wise machines tested during the last 5 years and since inception are given in table 6. The list of machines tested during 2013-14 is given in Table-7. The number of machines tested year-wise is represented graphically in Annexure-III & category-wise machine tested since inception is shown graphically in Annexure-IV.

TABLE 6: CATEGORY-WISE MACHINES TESTED

Category of Machine	Numb	er of machi	ive years	Machines tested		
	2009-10	2010-11	2011-12	2012-13	2013-14	since inception and
						up-to March 2014
Wheeled tractor	_	_	_	_	_	14
IC engine	_	_	_	02	_	207
Tillage Implements	41	62	20	08	16	228
PP Equipment	31	12	17	11	25	179
Harvesting & Threshing	29	22	28	47	42	358
Equipments						
Seed drill & Planters	17	18	7	14	08	337
Irrigation Pumps	_	_	_	01	_	51
Components	12	5	3	02	01	112
User Survey	_	_	_	_	_	100
Total	130	119	75	85	92	1586

TABLE 7: COMMERCIAL TEST REPORTS RELEASED DURING THE YEAR 2013-14

S. No.	Name of Machine	Make & Model	Name & address of firm	Type of test	Test Report No.	Year of release
1	COMBINE HARVESTER	'NORTH INDIA-513(TC)	M/s North Agro Industries, Dirba (Pb)	Commercial	Comb- 79/1496	April,13
2	COMBINE HARVESTER	'PREET-949'	M/s Preet Agro Industries Pvt. Ltd., Nabha-Pb)	Commercial	Comb- 80/1497	April,13
3	COMBINE HARVESTER	'AGRICOM- 1070 SW'	M/s Indo Farm Equipment Ltd., Baddi (H.P)	Commercial	Comb- 81/1498	April,13
4	COMBINE HARVESTER	'SATWANT-1125'	M/S Satwant Agro Tech. Bhawanigarh (Pb)	Commercial	Comb- 82/1499	April,13
5	Power Weeder	'ASPEE –PW 50-P'	M/S American Spring & Pressing Work Pvt. Ltd., Malad (M.S.)	Commercial	Imp- 613/1500	April,13
6	COMBINE HARVESTER	'SHAMSHER TDC-412'	M/S Shamsher Agricultural Works,Faridkot (Pb)	Commercial	Comb- 83/1501	April,13
7	COMBINE HARVESTER	'GILL TDC-513'	M/S Gill Agri. Works, Malout (Pb)	Commercial	Comb- 84/1502	April,13
8	COMBINE HARVESTER	'VISHAL-366'	M/s Vishal Agri. Works, Bhawanigarh Road, Samana, Distt. Patiuala	Commercial	Comb- 85/1503	April,13
9	COMBINE HARVESTER	SURINDERA-930'	M/s Surindra Agro Industries, Opp. Grid Colony, Cantt Road, Nabha-147201 (Pb)	Commercial	Comb- 86/1504	May,13
10	COMBINE HARVESTER	'NEW BHARAT-930'	SELF PROPELLED COMBINE HARVESTERM/s Bharat Agro Industries, Near Arai Majra, Sanaur, Distt. Patiala-147001	Commercial	Comb- 87/1505	May,13
11	COMBINE HARVESTER	'RUPAL-975'	SLEF PROPELLED COMBINE HARVESTER 'M/s Rupal Agro Industries (Regd.), Patiala Road, Nabha-147201, Distt. Patiala (Pb)	Commercial	Comb- 88/1506	May,13
12	COMBINE HARVESTER	'PRINCE-930'	M/s Prince Agro Works, Patran Road, Samana-147101, Distt. Patiala (Pb)	Commercial	Comb- 89/1507	May,13
13	COMBINE HARVESTER	'BALKAR-7500' (TRACK TYPE)	M/s Gurunanak Ágri. Engg. Works, Handiaya Chowk, Distt. Barnala-148107 (Pb)	Commercial	Comb- 90/1508	May,13
14	Reaper Binder	'RRB-500'	Self Propelled Reaper Binder M/s Redlands Ashlyn Motors Regency Complex, Redkland House, Karikkath Lane, M.g. Road, Trissur-680001 (Kerala)	Confidential (Incomplete)	Imp- 614/1509	May,13
15	COMBINE HARVESTER	'GURDEEP-427'	M/s Gurdeep Engineering Works, Vill. Chaswal Teh. Nabha-147202, Distt. Patiala (Pb)	Commercial	Comb- 91/1510	May,13
16	COMBINE HARVESTER	JOHN DEERE W-70'	M/s John Deere Ltd., Pune,	Commercial	Comb- 92/1511	May,13
17	COMBINE HARVESTER	'NIRMAL-5147'	M/s Nirmal Agro Industries (Regd.), Patiala Road, Nabha-147201, Distt. Patiala (Pb)	Commercial	Comb- 93/1512	May,13

20 PC 21 CC H/2 22 CC	OWER WEEDER	'PW 50 CY'  'BEST ASHOKA IMPLEMENTS'	M/s Vinod Kumar Virender Kumar, Mandi Dhanaura, Distt. J.P. Nagar-244231 (U.P) M/s American Spring & Pressing Works Pvt. Ltd., Aspee House, B.J. Patel Road, P.O. Box No. 7602, Malad (W), Mumbai-400064 (M.S.)		Imp- 615/1513 Imp- 616/1514	May,13 May,13
20 PC 21 CC Hz 22 CC	OWER WEEDER	'BEST ASHOKA	Distt. J.P. Nagar-244231 (U.P) M/s American Spring & Pressing Works Pvt. Ltd., Aspee House, B.J. Patel Road, P.O. Box No. 7602, Malad (W), Mumbai-400064 (M.S.)	Commercial	Imp-	May,13
20 PC 21 CC Hz 22 CC	OWER WEEDER	'BEST ASHOKA	M/s American Spring & Pressing Works Pvt. Ltd., Aspee House, B.J. Patel Road, P.O. Box No. 7602, Malad (W), Mumbai-400064 (M.S.)	Commercial		May,13
21 C0 Hz 22 C0			Pressing Works Pvt. Ltd., Aspee House, B.J. Patel Road, P.O. Box No. 7602, Malad (W), Mumbai-400064 (M.S.)			"
21 C0 Hz 22 C0			Aspee House, B.J. Patel Road, P.O. Box No. 7602, Malad (W), Mumbai-400064 (M.S.)		'	
21 C0 Hz 22 C0			P.O. Box No. 7602, Malad (W), Mumbai-400064 (M.S.)			ĺ
21 C0 Hz 22 C0			Mumbai-400064 (M.S.)			
21 C0 Hz 22 C0						
21 C0 Hz 22 C0			M/s Vinod Kumar	Commercial	Imp-	May,13
22 C0			Virender Kumar, Mandi Dhanaura,		617/1515	
22 C0	OMBINE		Distt. J.P. Nagar-244231(U.P)			
22 C0		'MAIJO LIULIN'	M/s Georage Maijo, Chennai	Commercial	Comb-	May,13
22 C	ARVESTER	(4LZ2.0)	, , ,		94/1516	<i>"</i>
	OMBINE	GILL PREET-962'	Selfl Propelled Combine	Commercial	Comb-	May,13
I H/	ARVESTER		HarvesterM/s Gill Preet Agro		95/1517	,,,,
			Industries, Patiala Road,		'	
			Ghagga-147102,			
			Distt. Patiala (Pb)			
23 PO	OWER SPRAYER	'PREMI SPRAYER'	M/s Premi Agri. Works,	Commercial	PS-94/1518	June,13
			Chandigarh Road, Uklana Mandi			,
24 C0	OMBINE	'ISHER-767'	M/s Lotey Industry,	Commercial	Comb-	June,13
H/	ARVESTER		Rohiti Pul, Nabha,		96/1519	
			Distt. Patiala (Pb)			
25 PO	OWER	'RAJENDRA'	M/s Rajendra Agri. Works,	Commercial	January,	June,13
SF	PRAYER		Hisar Road, Tohana,		2013	,
			Distt. Fatehabad (Haryana)		PS-95/1520	
26 C0	OMBINE	'PANESAR TC-731	M/s Panesar Agro Industries,	Commercial	April, 2013	June,13
H/	ARVESTER		Opp. Power House, Bathinda		Comb-	
			Road, Near Handiya Chowk,		97/1521	
			Barnala (Pb)			
27 C0	OMBINE	'CHAMPIAN-22 TR	M/s Rediands Ashlyn Motors	Commercial	Comb-	June,13
H/	ARVESTER		PLC, Regency Complex, M.G.		98/1522	
			Road, Trissur-680001 (Kerala)			
28 C	OMBINE	'CROP TIGER 40	M/s Class India (P) Ltd.,	Commercial	Comb-	July,13
H/	ARVESTER	TERRA TRAC	15/3, Mathura Road,		99/1523	
		(TRACK TYPE)'	Faridabad-121003 (Haryana)			
29 Ha	appy Seeder	' Happy Seeder'	M/s Rattan Engg. Works,	Commercial	lmp-	July,13
		(9 Rows)	Near New Bus Stand,		618/1524	
			Talwandi Bhai			
30 Ha		'Thind Happy	M/s Thind Mech. Works,	Commercial	Imp-	July,13
		Seeder'	VPO Wadala Johal, Amrtisar (Pb)		619/1525	
31 P(	OWER WEEDER	'PK-650N'	M/s Pee Kay Farm Equipment	Commercial	Imp-	July,13
			Pvt. Ltd., New Delhi		620/1526	
		'CROP TIGER-40	M/s Class India Pvt. Ltd.,	Commercial	Comb-	Aug.,13
		(WHEEL TYPE)	Morinda By Pass, Morinda (Pb)		100/1527	
		'KARTAR TAF-360'	M/s Kartar Agro Industries	Commercial	Comb-	Aug.,13
H/	ARVESTER		Pvt Ltd., Bhadson-147202,		101/1528	
			Distt. Patiala (Pb)			
	RACTOR	_	M/s Haryana Agri. Works,	ICT	PS-	Aug.,13
	PERATED		Vill. Nathu Sri Choptta,		96/1529	
	OWER SPRAYER		Distt. Sirsa (Hry)			
		'RAJA-2010'	M/s Rattan Engg Works,	ICT	PS-	Aug.,13
	PERATED		Near New Bus Stand,		97/1530	
P(	OWER SPRAYER		Talwandi Bhai-142050(Pb)			

36	COMBINE HARVESTER	'NEW HIRA-785'	M/s Ram Chand and Sons, Patiala Road Nabha, Distt. Patiala, (pb)	Commercial	Comb- 102/1531	Aug.,13
37	TRACTOR OPERATED POWER SPRAYER	'DHILLON'	M/s Dhillon Agriculture Works, Chauttala Road, Near Sethi Petrol Pump Mandi Dabwali, Distt. Sirsa-125104 (Haryana)	Commercial	June, 2013 PS-98/1532	Aug.,13
38.	TRACTOR OPERATED POWER SPRAYER		(Regd.), Kohrian Road, Dirba Mandi, Distt. Sangrur-148035 (Pb)	Commercial	PS- 99/1534	Sept.,13
39	TRACTOR OPERATED POWER SPRAYER	'DHIMAN'	M/s Dhiman Agril. Works, Patran Road, Dirba Mandi, Distt. Sangrur-148035 (Pb)	Commercial	PS- 100/1535	Sept.,13
40	COMBINE HARVESTER	'CLASS CROP TIGER-30'	M/s Class India Pvt. Ltd., 15/3, Mathura Road, Faridabad-121003	Commercial	Comb- 103/1536	Sept.,13
41	COMBINE HARVESTER	KARTAR-4000	M/s Kartar Agro Industries, Bhadson, Distt. Patiala (Pb)	Commercial	Comb- 104/1537	Sept.,13
42	COMBINE HARVESTER	Tractor Powered Combine BACK PACK-6100	M/s.Mahindra & Mahindra Ltd. Swaraj Division, Plant-II, Village Chappercheri, P.O. Landran, Distt. Mohali (Punjab)	Commercial	Comb- 105/1538	Sept.,13
43	BALER (Mini Round Baler)	SHAKTIMAN	M/s. Tirth Agro Technology Pvt. Ltd., NH-8 B, Gondal Road, Rajkot-360004	Commercial	Imp- 622/1539	Sept.,13
44	TRACTOR OPERATED POWER SPRAYER	'SHANKAR-2010'	M/S Shankar Krishi Udyog, Karnal Road, Opp., Reliance Petrol Pump, Assandh, Distt. Karnal (Haryana)	Commercial	PS- 101/1540	Sept.,13
45	TRACTOR OPERATED POWER SPRAYER	JHANGIR'	M/s Jhangir Engg. Works, main Road, Ramgarh, Distt. Hanumangarh (Raj)	Commercial	PS- 102/1541	Sept.,13
46	COMBINE HARVESTER	KUBOTA DC- 68G HARVESKING	M/s Kubota Corporation Ltd., Chennai Laision Office, Chennai (Tamilnadu)	Commercial	Comb- 106/1542	Oct.,13
47	B.T. COTTON SEED CUM FERTILIZER PLANTER	'GURUNANK'	M/s Gurunanak Agriculture Works, Gukhanwali, Distt. Sirsa (Haryana)	Commercial	Imp- 623/1543	Oct.,13
48	TRACTOR OPERATED POWER SPRAYER	JANAK'	M/s Punjab Agriculture Repairing Works, Chandigarh Road, Tohana-125120, Distt. Fatehabad (Haryana)	Commercial	PS- 103/1544	Oct.,13
49	B.T. COTTON SEED CUM FERTILIZER PLANTER	'KHANDEWALA'	M/s Khandewala Krishi Udyog, Behind Truck Union, Tosham Road, Hansi-125033, Dist. Hisar (Haryana)	Commercial	Imp- 624/1545	Oct.,13
50	B.T. COTTON SEED CUM FERTILIZER PLANTER	'BHULLER'	M/s Jivan Singh Agro Industries, Ssirsa Chandigarh Road, Uklana Mandi-125113, Distt. Hisar (Haryana)	Commercial	Imp- 625/1546	Oct.,13

51	TRACTOR OPERATED POWER SPRAYER		M/s Khandewala Krishi Udyog, Behind Truck Union, Tosham Road, Hansi-125033, Dist. Hisar (Haryana)	Commercial	PS- 104/1547	Oct.,13
52	TRACTOR OPERATED POWER SPRAYER		M/s Virdi Agro Tech., Sangrur Road, Patran, Distt. Patiala (Pb)-147105	Commercial	PS- 105/1548	Oct,,13
53	TRACTOR OPERATED POWER SPRAYER		M/s Hind Agriculture Works, Link Road, Mansa-151505 (Pb)	Commercial	PS- 106/1549	Nov.,13
54	TRACTOR OPERATED POWER SPRAYER		M/s Bansal Enterprises, Near Marbal Market, Rania Road, Sirsa-125055 (Hry.)	Commercial	PS- 107/1550	Nov.,13
55	TRACTOR OPERATED POWER SPRAYER		M/s Bansal Enterprises, Near Marbal Market, Rania Road, Sirsa-125055 (Hry.)	Commercial	PS- 108/1551	Nov.,13
56	B.T. COTTON SEED CUM FERLIZER PLANTER	"BALAJI"	M/s Balaji Agriculture Works, Bhadra Road, Nathushri Chouppta, Sirsa-125055 (Hry.)	Commercial	Imp- 626/1552	Nov.,13
57	RICE TRANSPLANTER	NSPU-68 CMD	M/s. Kubota Corporation Chennai Liaison Office, No.15, Medavallam Road, Sholinganalur,Chennai-600119	Commercial	Imp- 627/1553	Dec.,13
58	ROTAVTOR	"NEW BHARAT'30"	M/s Bharat Agro Industries, Sangrur Road, Near Rai Majara, Patiala-147001 (Pb)		Imp- 628/1554	Dec.,13
59	ROTAVATOR	"GOLDEN BHARAT-30"	M/s Sukhdev AgroIndustries, B-03, Industrial Focal Point, Patiala-147003 (Pb)	Commercial	Imp- 629/1555	Dec.,13
60	STRAW REAPER COMBINE	"MANVINDRA- 1397	M/s. Prem Singh and Sons, Vill.Bakshiwala, Bhadson Road, Bakshiwala, Distt. Patiala (Pb.)	Commercial	Imp- 630/1556	Dec.,13
61	STRAW REAPER COMBINE	"ANMOL-1313"	M/s. A.K.Agro Industries, Vill. Thulliwal, Distt. Barnala	Commercial	Imp- 631/1557	Dec.,13
62	STRAW REAPER COMBINE	"VARINDRA-556"	M/s. Vikas Agro. Industries, Patiala Road, Near Rohti Bridge, Nabha-147201, Distt. Patiala (Pb.)	Commercial	Imp- 632/1558	Dec.,13
63	STRAW REAPER COMBINE	"VK-412"	M/s Deosi Agro Industries, College Road, Sunam, Distt. Sangrur (Pb)-148028	Commercial	Imp- 633/1559	Dec.,13
64	STRAW REAPER COMBINE	"DARSHAN-756"	M/s. Dev Agro industries, Patiala Road, Nabha Distt. Patiala (Pb.)	Commercial	Imp- 634/1560	Dec.,13
65	ROTAVATOR	"GNI G-61"	M/s Guru Nanak Industries Pvt. Ltd, Patiala Road, Neelpur Chowk, New Grain Market, Rajpura Town-140401, Distt. Patiala(Pb)	Commercial	Imp- 635/1561	Dec.,13

66	ROTAVATOR	"BALDEV G-7"	M/s Baldev Ji Agro Industry, Sehjpura Road, Samana (Pb)	Commercial	Imp- 636/1562	Dec.,13
67	STRAW REAPER COMBINE	"NEW VISHVKARMA- 877"	M/s. New Vishwkarma Mech. Works, Barnala Road, Pakhokchiana Distt. Barnala-148103	Commercial	Imp- 637/1563	Dec.,13
68	STRAW REAPER COMBINE	'KS-762XL'	M/s K.S. Agricultural Industries Pvt. Ltd., Raikot road, Malerkotla-148023 Distt. Sangrur (Pb)	Commercial	Imp- 638/1564	Dec.,13
69	TRACTOR OPERATED POWER SPRAYER		M/s Om Vishwakarma Engg. Workshop, Tosham Mod, Siwani Mandi, Distt. Bhiwani	Commercial	PS- 109/1565	Dec.,13
70	TRACTOR OPERATED POWER SPRAYER	(SSAI)	M/s Shiv Shakti Agriculture Implements, New Karnal Road, Amargarh, Gamari, Kaitahal-136027 (Haryana)	Commercial	PS- 110//1566	Dec.,13
71	TRACTOR OPERATED POWER SPRAYER		M/s Bhagwan Engg. Works, Raikot Road, Malerkotla-148023 (Pb)	Commercial	PS- 111/1567	Dec.,13
72	TRACTOR OPERATED POWER SPRAYER	"BHULLER'"	M/s Jivan Singh agro Industries, Sirsa-Chandigarh Road, Uklana Mandi, Distt. Fatehabad (Hry)	Commercial	PS- 112/1568	Dec.,13
73	TRACTOR OPERATED POWER SPRAYER		M/s Beniwal Enterprises, Tosham Mod, Siwani, Distt. Bhiwani (Haryana)	Commercial	PS- 113/1569	Dec.,13
74	RICE TRANSPLANTER	'CLAAS PADDY PANTHER-26'	M/s. Claas India Pvt Ltd., NH-95 Morinda By Pass, Morinda-140101 (Punjab)	Commercial	Imp- 639/1570	Dec.,13
75	STRAW REAPER COMBINE	"MANKU-731"	M/s Manku Industries, Barnala Road, Pakhokanchian, Distt. Barnala-148103 (Pb)	Commercial	Imp- 640/1571	Jan.,14
76	ROTAVATOR	"RAJAN-966"	M/s Rajan Agricultue Implements, Patiala Road, Sangrur-148001 (Pb)	Commercial	Imp- 641/1572	Jan., 14
77	ROTAVATOR	"MSW R-7ft."	Fatehabad Road, Ratia-125051, Distt. Fatehabad (Haryana)	Commercial	Imp- 642/1573	Jan., 14
78	STRAW REAPER COMBINE	"NEW SWAN NSE SR-100"	M/s New Swan Enterprises, C-213, Phase & Focal Point, Ludhiana (Pb)	Commercial	Imp- 643/1574	Jan., 14
79	STRAW REAPER COMBINE	"JANAK-756"	M/s Punjab Agriculture Repairing Works, Chandigarh Road, Tohana (Haryana)	Commercial	Imp- 621/1533	Jan., 14
80	REAPER CUM BINDER	"BCS"	M/s BCS India Pvt. Ltd., Vill. Manngarh, Ludhiana (Pb)	Commercial	Imp- 644/1575 Oct.,13	Feb.,14
81	ROTAVATOR	"VIRDI"	M/s Virdi Agro Tech., Patran-147105, Distt. Patiala (Pb)	Commercial	Imp- 645/1576	Feb.,14
82	ROTAVATOR	"NATIONAL"	M/s P.B. National Agri. Works, Jaito, Distt. Faridkot (Pb)	Commercial	Imp- 646/1577	Feb.,14

DPERATED POWER SPRAYER  I Ladwa Road, Shahabad-135136, Distt. Kurukeshtra (Haryana)  RY TRACTOR OPERATED POWER SPRAYER  STACTOR OPERATED POWER SPRAYER  BS TRACTOR OPERATED POWER SPRAYER  ROTAVATOR  TRACTOR OPERATED POWER SPRAYER  TRACTOR OPERATED OPERATED POWER SPRAYER  TRACTOR OPERATED OPE	83	TRACTOR	"SANDHU"	M/s Sandhu Iron Works,	Commercial	PS-	Feb.,14
POWER SPRAYER  TRACTOR OPERATED POWER SPRAYER  TO OPERATED POWER SPRAYER  TRACTOR OPERATED OPERATED POWER SPRAYER  TRACTOR OPERATED OPERATE OPTOTION OPERATED OPERATE OPERAT	00		SANDHU				Feb., 14
TRACTOR OPERATED POWER SPRAYER		1				114/13/8	
OPERATED POWER SPRAYER  Fatehabad Road, Bhattu Mandi, Distt. Fatehabad (Hry) 98135-50359, 98136-88359  85 TRACTOR OPERATED POWER SPRAYER  86 ROTAVATOR  "KHANDEWALA"  W/s Kisan Agriculture Works, Bhuna Kanchia Road, Fatehabad-125050  86 ROTAVATOR  "KHANDEWALA"  W/s Khandewala Krishi Udyog, Tosham Mod, Behind Truck Union, Hansi-125033, Distt. Hisar (Haryana)  87 TRACTOR OPERATED POWER SPRAYER  88 TRACTOR OPERATED POWER SPRAYER  W/s Ramgarhia gri Works, Buda Guda Road, Thraj-125055, Distt. Sirsa (Haryana) 9416151357, 8607142257  88 TRACTOR OPERATED POWER SPRAYER  ROUND BALER  "SHAKTIMAN W/s Sirth Agro Technology SRB 60" Pvt. Ltd. At. Bhunava, NH-27, Taluka Gondal, Distt. Rajkot-360311 (Gujrat)  test)  90 Rotavator  Sonalika SL-250 Corporation, Inudstrial Estate, Jalandhar Road, Hoshiarpur (Pb)  92 ENGINE  ASHOK M/s Ashok Leyland Ltd., Commercial  Inp- G47/1581  Feb.,1 116/1580  Feb.,1 1647/1581  Fib.,1 647/1581  Fib.,1 647/1580  Feb.,1 647/1581  Fib.,1 647/1581  F				` - /	0	P0	E 1 44
POWER SPRAYER  Distt. Fatehabad (Hry) 98135-50359, 98136-88359  85 TRACTOR OPERATED POWER SPRAYER  86 ROTAVATOR  "KHANDEWALA"  Wis Khandewala Krishi Udyog, Tosham Mod, Behind Truck Union, Hansi-125033, Distt. Hisar (Haryana)  87 TRACTOR OPERATED POWER SPRAYER  88 TRACTOR OPERATED POWER SPRAYER  89 ROUND BALER  "SHAKTIMAN SRB 60" POWER SPRAYER  89 ROUND BALER  "SHAKTIMAN SRB 60" Power Shaktiman SRB 60" S	84	1	l'JAI BHAWANI"	1	Commercial		Feb.,14
STACTOR OPERATED POWER SPRAYER   Wissan Agriculture Works, Bhuna Kanchia Road, Fatehabad-125050   M/s Kisan Agriculture Works, Bhuna Kanchia Road, Fatehabad-125050   M/s Khandewala Krishi Udyog, Tosham Mod, Behind Truck Union, Hansi-125033, Distt. Hisar (Haryana)   M/s Ramgarhia gri Works, Buda Guda Road, Thraj-125055, Distt. Sirsa (Haryana)   M/s Ramgarhia gri Works, Buda Guda Road, Thraj-125055, Distt. Sirsa (Haryana)   M/s Roangarhia gri Works, Buda Guda Road, Thraj-125055, Distt. Sirsa (Haryana)   M/s Roangarhia gri Works, Near Gole Chowk, Ghukkawali, Distt. Sirsa 9416643188   M/s New Gill gri. Works, Near Gole Chowk, Ghukkawali, Distt. Sirsa 9416643188   M/s Tirth Agro Technology   Commercial Imp-G48/1584   M/s Sonalika Gondal, Supplementary test)   M/s Sonalika Agro Industries   Commercial Imp-G48/1585   Mar.,1   M/s Sonalika Agro Industries   Commercial Imp-G48/1585   Mar.,1   G68 Baldes)   Jalandhar Road, Hoshiarpur (Pb)   Mar.,1   G650/1586   Mar.,1   G650/1586   Mar.,1   G66 Baldes)   Jalandhar Road, Hoshiarpur (Pb)   Mar.,1   Commercial Imp-G50/1586   Mar.,1   G67/1586   Mar.,						115/1579	
ROTAVATOR   "KISAN"   M/s Kisan Agriculture Works,   Commercial   PS-   116/1580   Feb.,1   116/1580   POWER SPRAYER   Fatehabad-125050   ROTAVATOR   "KHANDEWALA"   M/s Khandewala Krishi Udyog, Tosham Mod, Behind Truck Union, Hansi-125033, Distt. Hisar (Haryana)   Feb.,1   647/1581   Feb.,1   GA7/1581   Feb.,1   GA7/1582   Feb.,1   GA7/1582   Feb.,1   GA7/1582   Feb.,1   GA7/1581   Feb.,1   GA7/1582   Feb.,1   GA7/1581		POWER SPRAYER		` */			
OPERATED POWER SPRAYER  86 ROTAVATOR  "KHANDEWALA"  M/S Khandewala Krishi Udyog, Tosham Mod, Behind Truck Union, Hansi-125033, Distt. Hisar (Haryana)  87 TRACTOR OPERATED POWER SPRAYER  "RAMGARHIA"  M/S Ramgarhia gri Works, Buda Guda Road, Thraj-125055, Distt. Sirsa (Haryana)  88 TRACTOR OPERATED POWER SPRAYER  "NEW GILL"  M/S New Gill gri. Works, OPERATED POWER SPRAYER  89 ROUND BALER  "SHAKTIMAN SRB 60" (Additional Supplementary Itest)  90 Rotavator  Sonalika SL-250 Corporation, Inudstrial Estate, (60 Baldes)  Jalandhar Road, Hoshiarpur (Pb)  91 Rotavator  SONALIKA SAHOK  M/S SONALIKA Agro Industries SL-275 Corporation, Inudstrial Estate, (66 Baldes) Jalandhar Road, Hoshiarpur (Pb)  92 ENGINE  ASHOK  M/S ASHOK Leyland Ltd., Commercial  Imp- 649/1580  Commercial Imp- 649/1580  Imp- 649/1586  Imp- 650/1586				<u>'</u>			
POWER SPRAYER   Fatehabad-125050	85	TRACTOR	"KISAN"	1	Commercial	PS-	Feb.,14
ROTAVATOR   "KHANDEWALA"   M/s Khandewala Krishi Udyog, Tosham Mod, Behind Truck Union, Hansi-125033, Distt. Hisar (Haryana)   PS-   Mar.,1		OPERATED		Bhuna Kanchia Road,		116/1580	
Tosham Mod, Behind Truck Union, Hansi-125033, Distt. Hisar (Haryana)  87 TRACTOR OPERATED POWER SPRAYER OPERATED POWER SPRAYER  88 TRACTOR OPERATED POWER SPRAYER  89 ROUND BALER SRB 60" SRB 60" SRB 60" SRB 60" Pvt. Ltd. At. Bhunava, NH-27, (Additional supplementary test)  90 Rotavator  Sonalika SL-250 (60 Baldes) SL-275 (66 Baldes) Slalandhar Road, Hoshiarpur (Pb)  92 ENGINE  87 TRACTOR W/s Ramgarhia gri Works, Buda Guda Road, Thraj-125055, Distt. Sirsa (Haryana) SRB 607 Pvt. Ltd. At. Bhunava, NH-27, Taluka Gondal, Buda Gondal, Distt. Rajkot-360311 (Gujrat) State, Gonmercial SL-250 Corporation, Inudstrial Estate, Gondalka Agro Industries SL-275 Corporation, Inudstrial Estate, Jalandhar Road, Hoshiarpur (Pb)  92 ENGINE  ASHOK M/s Ashok Leyland Ltd., Commercial E- Mar.,1		POWER SPRAYER		Fatehabad-125050			
Truck Union, Hansi-125033, Distt. Hisar (Haryana)  87 TRACTOR OPERATED POWER SPRAYER  88 TRACTOR OPERATED POWER SPRAYER  88 TRACTOR OPERATED POWER SPRAYER  89 ROUND BALER  89 ROUND BALER  89 Round Bales  89 Rotavator  80 Rotavator  80 Rotavator  80 Rotavator  80 Sonalika SL-250 Sonalika SL-275 Sorporation, Inudstrial Estate, Jalandhar Road, Hoshiarpur (Pb)  90 ENGINE  80 AMAR, 1  80 Commercial PS- 117/1582  POS- 117/1582  POS- 117/1582  POS- 117/1582  POS- 1118/1583  POS- 1118/1582  POS- 1118/1582  POS- 1118/1583  POS- 1118/1583  POS- 1118/1583  POS- 1118/1582  POS- 118/1582  POS- 118/1583  POS- 118/1582  POS- 118/1583  POS- 118/1583	86	ROTAVATOR	"KHANDEWALA"	M/s Khandewala Krishi Udyog,	Commercial	Imp-	Feb.,14
Distt. Hisar (Haryana)				Tosham Mod, Behind		647/1581	
TRACTOR OPERATED POWER SPRAYER   M/s Ramgarhia gri Works, Buda Guda Road, Thraj-125055, Distt. Sirsa (Haryana) 9416151357, 8607142257   M/s New Gill gri. Works, OPERATED POWER SPRAYER   M/s New Gill gri. Works, Near Gole Chowk, Ghukkawali, Distt. Sirsa 9416643188   M/s Tirth Agro Technology Pvt. Ltd. At. Bhunava, NH-27, (Additional supplementary test)   Distt. Rajkot-360311 (Gujrat)   M/s Sonalika Agro Industries Commercial SL-250 (60 Baldes)   Jalandhar Road, Hoshiarpur (Pb)   Mar.,1				Truck Union, Hansi-125033,			
OPERATED POWER SPRAYER  Buda Guda Road, Thraj-125055, Distt. Sirsa (Haryana) 9416151357, 8607142257  88 TRACTOR OPERATED POWER SPRAYER  ROUND BALER  SHAKTIMAN SRB 60" Pvt. Ltd. At. Bhunava, NH-27, (Additional supplementary test)  Power Sonalika SL-250 (60 Baldes)  Power Sonalika SL-275 (66 Baldes)  M/s Sonalika Agro Industries Commercial SL-275 Corporation, Inudstrial Estate, (66 Baldes)  Jalandhar Road, Hoshiarpur (Pb)  Pyt. Brater  Commercial SL-275 Corporation, Inudstrial Estate, (66 Baldes) Jalandhar Road, Hoshiarpur (Pb)  Pyt. Ltd. At. Bhunava, NH-27, Taluka Gondal, Supplementary test)  M/s Sonalika Agro Industries Commercial SL-250 Corporation, Inudstrial Estate, SL-275 Corporation, Inudstrial Estate, Jalandhar Road, Hoshiarpur (Pb)  Pyt. Ltd. At. Bhunava, NH-27, Taluka Gondal, Supplementary test)  Mar.,1  Commercial Imp- 650/1586  Mar.,1  Google Brater  Mar.,1  SL-275 Corporation, Inudstrial Estate, Jalandhar Road, Hoshiarpur (Pb)  Pyt. Ltd. At. Bhunava, NH-27, Taluka Gondal, Supplementary test)  Sonalika Agro Industries Commercial Imp- 650/1586  Mar.,1				Distt. Hisar (Haryana)			
POWER SPRAYER Distt. Sirsa (Haryana) 9416151357, 8607142257  88 TRACTOR "NEW GILL" M/s New Gill gri. Works, Near Gole Chowk, Ghukkawali, Distt. Sirsa 9416643188  89 ROUND BALER "SHAKTIMAN SRB 60" Pvt. Ltd. At. Bhunava, NH-27, (Additional supplementary test) Distt. Rajkot-360311 (Gujrat)  90 Rotavator Sonalika M/s Sonalika Agro Industries SL-250 Corporation, Inudstrial Estate, (60 Baldes) Jalandhar Road, Hoshiarpur (Pb)  91 Rotavator Sonalika M/s Sonalika Agro Industries Commercial Imp- 649/1585 (66 Baldes) Jalandhar Road, Hoshiarpur (Pb)  92 ENGINE ASHOK M/s Ashok Leyland Ltd., Commercial E- Mar., 1	87	TRACTOR	"RAMGARHIA"	M/s Ramgarhia gri Works,	Commercial	PS-	Mar.,14
9416151357, 8607142257  88 TRACTOR OPERATED POWER SPRAYER  89 ROUND BALER SRB 60" (Additional supplementary test)  90 Rotavator Sonalika SL-250 (60 Baldes) Sl-275 (66 Baldes)  92 ENGINE  89 TRACTOR OPERATED Near Gole Chowk, Ghukkawali, Distt. Sirsa 9416643188  89 ROUND BALER SHAKTIMAN M/s Tirth Agro Technology Pvt. Ltd. At. Bhunava, NH-27, Taluka Gondal, Distt. Rajkot-360311 (Gujrat)  80 Rotavator Sonalika M/s Sonalika Agro Industries Corporation, Inudstrial Estate, Jalandhar Road, Hoshiarpur (Pb)  90 Rotavator Sonalika M/s Sonalika Agro Industries Corporation, Inudstrial Estate, Jalandhar Road, Hoshiarpur (Pb)  91 Rotavator Sonalika M/s Sonalika Agro Industries Corporation, Inudstrial Estate, Jalandhar Road, Hoshiarpur (Pb)  92 ENGINE  ASHOK M/s Ashok Leyland Ltd., Commercial  Commercial  Commercial  Imp- 650/1586		OPERATED		Buda Guda Road, Thraj-125055,		117/1582	
9416151357, 8607142257  88 TRACTOR "NEW GILL" M/s New Gill gri. Works, OPERATED Near Gole Chowk, Ghukkawali, Distt. Sirsa 9416643188  89 ROUND BALER "SHAKTIMAN M/s Tirth Agro Technology Pvt. Ltd. At. Bhunava, NH-27, (Additional supplementary test)  90 Rotavator Sonalika M/s Sonalika Agro Industries SL-250 Corporation, Inudstrial Estate, (60 Baldes) Jalandhar Road, Hoshiarpur (Pb)  91 Rotavator Sonalika M/s Sonalika Agro Industries Commercial Imp- 649/1585 (66 Baldes) Jalandhar Road, Hoshiarpur (Pb)  92 ENGINE ASHOK M/s Ashok Leyland Ltd., Commercial E- Mar., 1		POWER SPRAYER		1			
TRACTOR OPERATED Near Gole Chowk, Ghukkawali, Distt. Sirsa 9416643188  89 ROUND BALER "SHAKTIMAN SRB 60" Pvt. Ltd. At. Bhunava, NH-27, (Additional supplementary test)  90 Rotavator Sonalika SL-250 Corporation, Inudstrial Estate, (60 Baldes) Jalandhar Road, Hoshiarpur (Pb)  91 Rotavator Sonalika SL-275 (66 Baldes) Jalandhar Road, Hoshiarpur (Pb)  92 ENGINE ASHOK M/s Ashok Leyland Ltd., Commercial FS- Mar., 1  M/s New Gill gri. Works, Near Gold gri. Works, Near Gold gri. Works, Near Gold Ghukkawali, Distt. Sill gri. Works, Ghukkawali, 118/1583  M/s New Gill gri. Works, Commercial Imp- Mar., 1  118/1583 Mar., 1  118/158				\ ' ' '			
OPERATED POWER SPRAYER Distt. Sirsa 9416643188  89 ROUND BALER "SHAKTIMAN SRB 60" (Additional supplementary test)  90 Rotavator Sl-250 Sl-250 (60 Baldes) Sl-275 (66 Baldes)  91 Rotavator Sonalika Sl-275 (66 Baldes)  92 ENGINE Agole Chowk, Ghukkawali, Distt. Sirsa 9416643188  8118/1583  118/1584  118/1583  118/1584  118/1583  118/1584  118/1584  118/1583  118/1584  118/1584  118/1583  118/1584  118/1584  118/1583  118/1584  118/1584  118/1584  118/1584  118/1583  118/1584  118/1584  118/1583  118/1584  118/1584  118/1583  118/1584  118/1584  118/1584  118/1583  118/1584	88	TRACTOR	"NEW GILL"	<u>'</u>	Commercial	PS-	Mar.,14
POWER SPRAYER  BY ROUND BALER  "SHAKTIMAN STIRTH Agro Technology Pvt. Ltd. At. Bhunava, NH-27, (Additional supplementary test)  POR Rotavator  Sonalika SL-250 Corporation, Inudstrial Estate, (60 Baldes)  Possible Baldes)  Sonalika M/s Sonalika Agro Industries Commercial Imp-Mar.,1  SL-275 Corporation, Inudstrial Estate, (66 Baldes)  Jalandhar Road, Hoshiarpur (Pb)  Possible Baldes)  Bostavator  Sonalika M/s Sonalika Agro Industries Commercial Imp-Mar.,1  SL-275 Corporation, Inudstrial Estate, (66 Baldes)  Jalandhar Road, Hoshiarpur (Pb)  Possible Baldes Ashok  M/s Ashok Leyland Ltd.,  Commercial Imp-Mar.,1		OPERATED				118/1583	
89 ROUND BALER "SHAKTIMAN SRB 60" Pvt. Ltd. At. Bhunava, NH-27, (Additional supplementary test)  90 Rotavator Sonalika M/s Sonalika Agro Industries SL-250 Corporation, Inudstrial Estate, (60 Baldes) Jalandhar Road, Hoshiarpur (Pb)  91 Rotavator Sonalika M/s Sonalika Agro Industries Commercial Imp- 649/1585 M/s Sonalika Agro Industries Commercial Imp- 649/1585 M/s Sonalika Agro Industries Commercial Imp- 649/1585 M/s Sonalika Agro Industries Commercial Imp- 650/1586 M/s Sonalika Agro Industries Commercial Imp- 650/1586 M/s Sonalika Road, Hoshiarpur (Pb)  92 ENGINE ASHOK M/s Ashok Leyland Ltd., Commercial E- Mar., 1							
SRB 60" Pvt. Ltd. At. Bhunava, NH-27, (Additional supplementary test)  90 Rotavator Sonalika M/s Sonalika Agro Industries SL-250 Corporation, Inudstrial Estate, (60 Baldes) Jalandhar Road, Hoshiarpur (Pb)  91 Rotavator Sonalika M/s Sonalika Agro Industries Commercial Imp- 649/1585  92 ENGINE ASHOK M/s Ashok Leyland Ltd., Commercial E- Mar., 1	89	ROUND BALER	"SHAKTIMAN	M/s Tirth Agro Technology	Commercial	Imp-	Mar.,14
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supplementary test)  90 Rotavator  Sonalika SL-250 (60 Baldes)  91 Rotavator  Sonalika SL-275 (66 Baldes)  Jalandhar Road, Hoshiarpur (Pb)  92 ENGINE  Sonalika Supplementary Sonalika Supplementary Sonalika M/s Sonalika Agro Industries Commercial M/s Sonalika Agro Industries Commercial Sonalika M/s Sonalika Agro Industries Commercial Sonalika M/s Sonalika Agro Industries Supplementary Sonalika Supplementary Sonalika M/s Sonalika Agro Industries Supplementary Sonalika M/s Sonalika Agro Industries Supplementary Sonalika Supplementary Sonalika M/s Sonalika Agro Industries Supplementary Sonalika Supplementary Sonalika M/s Sonalika Agro Industries Supplementary Sonalika Supplementary Sonalika Supplementary Sonalika Supplementary Sonalika Supplementary Sonalika M/s Sonalika Agro Industries Supplementary Sonalika Supplemen							
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90 Rotavator Sonalika M/s Sonalika Agro Industries Commercial Imp- SL-250 Corporation, Inudstrial Estate, (60 Baldes) Jalandhar Road, Hoshiarpur (Pb)  91 Rotavator Sonalika M/s Sonalika Agro Industries Commercial Imp- SL-275 Corporation, Inudstrial Estate, (66 Baldes) Jalandhar Road, Hoshiarpur (Pb)  92 ENGINE ASHOK M/s Ashok Leyland Ltd., Commercial E- Mar., 1			l ''	Biota riajnot 5000 i i (dajrat)			
SL-250 Corporation, Inudstrial Estate, [60 Baldes] Jalandhar Road, Hoshiarpur (Pb)  91 Rotavator Sonalika M/s Sonalika Agro Industries Commercial Imp- SL-275 Corporation, Inudstrial Estate, [66 Baldes] Jalandhar Road, Hoshiarpur (Pb)  92 ENGINE ASHOK M/s Ashok Leyland Ltd., Commercial E- Mar., 1	90	Rotavator		M/s Sonalika Agro Industries	Commercial	lmn-	Mar 14
Go Baldes   Jalandhar Road, Hoshiarpur (Pb)	00	Tiolavator			Committer	1 '	
Hoshiarpur (Pb)  91 Rotavator Sonalika SL-275 Corporation, Inudstrial Estate, (66 Baldes) Jalandhar Road, Hoshiarpur (Pb)  92 ENGINE ASHOK M/s Ashok Leyland Ltd., Commercial E- Mar., 1				l '		043/1303	
91 Rotavator Sonalika M/s Sonalika Agro Industries Commercial Imp- SL-275 Corporation, Inudstrial Estate, (66 Baldes) Jalandhar Road, Hoshiarpur (Pb)  92 ENGINE ASHOK M/s Ashok Leyland Ltd., Commercial E- Mar., 1			(00 baides)	<b>'</b>			
SL-275 Corporation, Inudstrial Estate, (66 Baldes) Jalandhar Road, Hoshiarpur (Pb)  92 ENGINE ASHOK M/s Ashok Leyland Ltd., Commercial E- Mar., 1	01	Dotavator	Conclika	· · · · ·	Commercial	lmn	Mor 14
(66 Baldes)  Jalandhar Road, Hoshiarpur (Pb)  92 ENGINE  ASHOK  M/s Ashok Leyland Ltd., Commercial E- Mar., 1	91	Rulavalui			Commercial	1 '	IVIAI., 14
Hoshiarpur (Pb)  92 ENGINE ASHOK M/s Ashok Leyland Ltd., Commercial E- Mar., 1				I ' '		050/1586	
92 ENGINE ASHOK M/s Ashok Leyland Ltd., Commercial E- Mar., 1			(66 Baides)				
WITH COMPLETE  LEYLAND   SCO 812, 2 <sup>nd</sup> Floor,     119/1587	92			1 ' '	Commercial		Mar., 14
						119/1587	
PACKAGE FOR H6ETIC3 Kalka Road, Manimazara,		1	H6ETIC3				
COMBINE Chandigarh-160101		COMBINE		Chandigarh-160101			
HARVESTER		HARVESTER					

#### Testing of Combine Harvesters under Central Motor Vehicle Rules (CMVR)

The institute is authorized to test combine harvesters against the statutory requirements under Central Motor Vehicle Rules (CMVR). During the year 2013-14 the institute issued CMVR certificates on 23 combine harvesters.

#### **How to Avail Testing Facilities**

The following process is followed by the institute for testing of machines:

- The applicant is required to submit 3 copies of application form in the prescribed format alongwith full testing fee and service tax for testing of each machine/test sample. The form can be obtained from the institute on payment of Rs. 50/-. It can also be downloaded from the website of the institute and may be submitted alongwith a Demand Draft of Rs. 50/-.
- The test fee (as revised from time to time) is required to be deposited by way of demand draft drawn in favour of the Director, NRFMT&TI & payable at State Bank of India, Hissar (Haryana). The current testing charge/ fee fixed with reference to the Ministry of Agriculture, Department of Agriculture & Cooperation, New Delhi OM No.10-6/98 My (I & P) dated 16.5.2000 in respect of different agricultural machienry for the financial year 2013-14 are given in table No 8.
- The receipt of application is acknowledged.
- The received application with full fee & technical document is placed in the waiting list of the appropriate category of machine.
- Upon their turn, the applicant is informed to submit the machine for test.
- The machine is tested (lab. and field test) with reference to the relevant standards published by Bureau of Indian Standards.
- Final inspection of the machine is carried out together with the wear analysis and chemical composition of critical components.
- After completion of all the tests, the collected data are analyzed and draft report in the standardized format is prepared.
- After scrutiny of the draft report at different levels, the draft report is released for comments of applicant.
- 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.
- 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 'Applicant's Comments'.
- Final report is released under the signature of Testing Engineer, Head of the Testing Laboratory and Head of the Institute.
- 3 copies of final report are released to applicant free of cost. Additional copies if any required are supplied @ Rs. 200 per copy.
- After the release of final test report, the machine (test sample) is released to the applicant.

**TESTING CHARGES w.e.f. 1.4.2014 to 31.3.2015** 

S.N.	Items	Revised	Service Tax	Total
		PR + 15%	12.36%	
1	Components	6,983	863	7,846
2	Hand tools	6,983	863	7846
3	Power operated thresher, decorticator, sheller,	27,914	3,450	31,364
	winnowers etc.			
4	Animal drawn equipments	14,890	1,840	16,730
5	Tractor drawn/operated implements/equipments	47,458	5,866	53,324
6	Manually operated equipment	13,492	1,668	15,160
7	Power till driven/Self propelled reaper etc.	27,914	3,450	31,364
8	Tractor drawn/operated seed cum fertilizer	49,781	6,153	55,934
	drill/planter, straw reaper, mini rice mill,			
	power seed cleaner/grader			
9	Animal drawn multi tool bar	39,543	4,887	44,430
	(Minimum for attachments)			
10	Self propelled paddy transplanter	67,926	8,396	76,322
11	Power operated multi-crops thresher	51,180	6,326	57,506
	(Two or more crops)			
12	a) IC Engines with kerosene/LPG	12,848	1,588	14,436
	b) Pump set (Engine+Pump) with kerosene/LPG	24,473	3,025	27,498
	c) Pump set without engine	11,623	1,437	13,060
	d) Knapsack sprayer IS:3906 (Private sample)	15,960	1,973	17,933
	e) Power sprayer IS:2548 (Private Sample)	41,907	5,180	47,087
13	Combine harvester			
	a) Self propelled (with engine test)	3,75,000/-	46,350/-	4,21,350/-
	b) Without engine test	2,65,000/-	32,754/-	2,97,754/-
	b) Tractor driven	2,65,000/-	32,754/-	2,97754/-
	c) Combine harvester engine	1,10,000/-	13,596/-	1,23,596/-
	c) CMVR	80,000/-		80,000/-

- All the ICT test charges in respect of items at No. 1 to 12 will be increased by 15% at the end
  of each financial year.
- The Testing Charges for Combine Harvester are valid till 31st March 2015.

# **FARM**

The Institute possess 152.48 ha land. The distribution of land is given below. Out of total farm land, 15 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 to 42.92 ha. The detail of land distribution is as under:

Sr. No.	Distribution of Area	Hectare
1	Total area of the Institute	152.48 ha
2	Area under building and other amenities	29.63 ha
3	Area under road & channels	15.60 ha
4	Area transferred to P.W.D.	6.08 ha
5	Undeveloped & salined area	58.25 ha
6	Net available cultivable area	42.92 ha

# **Cropping Calender of 2013-14**

Season	Crop	Area (Hect.)	Production
			(Quintals)
Kharif	Bajra	16.00	64.06
Rabi	Mustard	30.00	50.00
	Wheat	16.00	418.00





#### OTHER ACTIVITIES

#### KRISHI DARSHAN EXPO - 2013

Krishi Darshan Expo 2013, an Exhibition on Agriculture machinery, equipments and Agro-processing Industries, Agri Inputs etc. has been organized by Agri India Exhibitions, Karnal and the Ministry of Agriculture (Department of Agriculture & Co-operation), Northern Region Farm Machinery Training & Testing Institute (NRFMTTI), Hisar (Haryana), was the Co-organizer of this mega event. The event was organized in the campus of this institute from 25 - 27 October 2013. The exhibition was inaugurated by Shri Paramveer Singh, Hon'ble Minister of Agriculture, Government of Haryana, Shri V. N. Kale, Additional Commissioner (M&T) and Shri A. N. Meshram, Deputy Commissioner (M&T) also witness the occassion.

The exhibition has offered perfect platform for the Agriculture machinery & equipment and agriinput sector to come together and participate for mutual business benefits. It also facilitated a
business climate for the manufacturers to transact with the companies from all over the country at
one spot at one time. It has also provided an opportunity to the farmers and the trainees to see the
latest technological developments in the agricultural production system. A large number of visitors
from across the country such as farmers, officials of the Krishi Vigyan Kendra, Agricultural Universities,
officials of State Department of Agriculture and other FMTTIs, dealers & distributors, importers and
trade visitors visited this event. Above 250 manufacturers have displayed their equipments and
machines in the exhibition and during the three days of exhibition more than 60000 farmers visited
the exhibition.

#### **INDIA INTERNATIONAL TRADE FAIR, 2013**

During the India International Trade Fair (IITF), 2013 organized at Pragati Maidan, New Delhi from 14.11.2013 to 27.11.2013, the institute has arranged the agriculture machinery exhibition in the Agriculture Pavillion. The institute and 14 other manufacturers participated and displayed their latest technologies & products. The list of manufacturers who participated in the fair is given in table.

#### **LIST OF THE FIRMS**

S.No.	Name of the Firm	Name of Machines Displayed
1	M/s. Agritech Flontech INC,BE-184-SFS,	Garden tools
	Janakpuri',New Delhi-110058	
2	M/s. P.K. Farm Equipments (India Pvt. Ltd.), Raj House	Garden tools
	D-10/2, Okhla Industrial Area, Phase-1, New Delhi-20	
3	Andreas Stichl Pvt. Ltd. Gut No. 53-01, Pune-Nashik Highway,	Garden tools
	Behind Lear Company, Kuruli, Tal-Khed,	
	Pune (Maharashtra State)	
4	Falcon Industries, 25241, lane-5, Janta Nagar,	Garden tools
	Gill Road, Ludhiana-141003	
5	M/s. Standard, New Delhi	Track Combine & baler
6	Elcome Technologies Pvt.,"Elcome House",	Laser leveller
	A-06, Infocity, Sector-34,Gurgaon-122 002 (Haryana)	
7	M/s. International Tractor Ltd., H.O. Pankaj Plaza-I,	Sonalika tractor
	Plot No. 2, Karkardooma, Community Centre,	
	Commercial Complex, Delhi-110092	
8	M/s. Virdi Tubewell Boring Co., Opp. Power House,	Straw reaper; rotavator (02 nos.),
	Sangarur Road, Patran -147 105 Dist. Patiala (Punjab)	sprayer, bund planter, sub-soiler
9	Khandelwal Krishi Udyog,Behind Truck Union,	Spray pumps,
	Tosham Road, Hansi, Dist. Hisar (Haryana)	9 tyne cultivator (2nos.)
10	M/s. Bharat Industrial Corporation Akalsar road,	Tractor mounted reaper without
	Moga-142001-Pb.	tractor. Fodder reaper &
		fodder chopper
11	M/s. BCS India Pvt. 15Ltd.,Vill. Mangarh, PO Ka16hara,	Self propelled reaper binder,
	Teh. & Distt. Ludhiana-141 112(Pb.)	fodder harvesting kit,
		power weeder (3 nos.)
12	M/s Modern Farm Aids,B-Q-19, Shalimar Bagh, Delhi	Discs for implements
		display board
13	Class India Pvt. Ltd., 15/3, Mahura Road,	Paddy planter walk behind
	FARIDABAD – 121 003 (Haryana)	
	Orind By pass, Nh-95, Village: Barawali Kalan;	
	Orinda – 140 101, Dist. Ropar (Pb);classin	
14	Forex Fastners (P) Ltd. (Agro Div.);	Rotavator
	I .	l

#### **PUBLICATION OF TRAINING MATERIAL**

- Publication of brochures, manuals and extension material in Hindi & English
- Prepared leaflets (Training Material) on safety features and safe operation of threshers, chaff
   cutters and sugarcane crushers
- Prepared the 14 No. leaflets in Hindi & English on improved farm machinery suitable for this region

# हिन्दी गतिविधियाँ

संस्थान में 14 से 27 सितंबर, 2013 तक हिन्दी पखवाड़ा पूरे उल्लास के साथ मनाया गया। इस दौरान हिन्दी की विभिन्न प्रतियोगितायें आयोजित की गई। मुख्य समारोह का आयोजन 30 सितम्बर, 2013 को किया गया। इस अवसर पर आकर्षक हिन्दी कार्यक्रम प्रस्तुत किये गये, इसके अंतर्गत हिन्दी आशु भाषण तथा काव्य-पाठ प्रतियोगिताओं का आयोजन किया गया। इन प्रतियोगिताओं में नगर के विभिन्न केन्द्रीय कार्यालय/बँक/निगम के कर्मचारियों, अधिकारियों एवं बच्चों ने इसमें रूचि दिखाते हुए बढ़-चढ़ कर भाग लिया। समारोह की शुरूआत माँ सरस्वती देवी के दीप प्रज्जवलन के साथ की गई। समारोह में मुख्य अतिथि के रूप में डॉ. अश्वनी कुमार गोयल, अधिष्ठाता, कृषि आभियांत्रिकी एवं तकनीकी महाविद्यालय, चौ. चरण सिंह विश्वविद्यालय, हिसार ने हिन्दी में कार्य करने पर विशेष बल दिया तथा हिन्दी का प्रचार प्रसार बढ़ाने की अपील की। इस समारोह में विशिष्ट अतिथि के रूप में उपस्थित डॉ. राज कुमार सिंह, निदेशक, राष्ट्रीय अश्व अनुसंधान केंद्र, हिसार ने विभिन्न प्रतियोगिताओं में विजेता रहे प्रतिभागियों को बधाई दी तथा हिन्दी के क्षेत्र में संस्थान द्वारा किए गए कार्यों की सराहना की। संस्थान के निदेशक श्री हिम्मत सिंह ने अपने संबोधन में कहा कि हिन्दी का प्रयोग कार्यालय में अधिक से अधिक किया जा रहा है तथा इसका प्रचलन इसलिये भी आवश्यक है क्योंकि किसानों के लिये इसे समझाना सरल हो जाता है। अत: हमें कार्यालय में हिन्दी का ही प्रयोग करना चाहिए।

## हिन्दी पखवाड़ा में विजेता प्रतिभागी संस्थान की प्रतियोगिताएं

#### 1. हिन्दी भाषण प्रतियोगिता

नाम सर्वश्री	पद	स्थान
प्रीतम सिंह	व. तकनीशियन	प्रथम
नरेश दत्त	व. तकनीशियन	द्वितीय
जे.पी. मंडल	कृषि अभियंता	तृतीय

#### 2. हिन्दी शब्दानुवाद प्रतियोगिता

नाम सर्वश्री	पद	स्थान
तेजबीर	कृषि सहायक	प्रथम
जे.पी. चौरे	फार्म अधीक्षक	द्वितीय
सी.के तिजारे	कृषि अभियन्ता	तृतीय

#### 3. हिन्दी शब्द शुद्धिकरण प्रतियोगिता

नाम सर्वश्री	पद	स्थान
बी.एन. दीक्षित	सहायक कृषि अभियन्ता	प्रथम
सुजीत हिंगे	सहायक कृषि अभियन्ता	द्वितीय
मान सिंह	तक. सहायक	तृतीय

#### 4. हिन्दी निबंध प्रतियोगिता

नाम सर्वश्री	पद	स्थान
बी.एन. दीक्षित	सहायक कृषि अभियन्ता	प्रथम
सुनील पाटिल	तक. सहायक	द्वितीय
प्रीतम सिंह	वरिष्ठ तकनीशियन	तृतीय

## बच्चों की प्रतियोगिताएं

## 1. आठवीं से दसवीं के विद्यार्थियों के लिये निबंध प्रतियोगिता

नाम	पिता का नाम सर्वश्री	स्थान
ज्योति	जे.पी. मंडल	प्रथम
रोहित	समीर कुमार	द्वितीय
शुभनीत	समीर कुमार	तृतीय
उत्कर्ष	यशवंत राणे	सांत्वना
निशा	सिब्बन सिंह	सांत्वना

## 2. चौथी से सातवीं के विद्यार्थियों के लिए निबंध प्रतियोगिता

नाम	पिता का नाम सर्वश्री	स्थान
प्रीति	रामपाल	प्रथम
शुभम	तेजबीर सिंह	द्वितीय
मयंक	जे.पी. मंडल	तृतीय
वेदान्त	जे.पी. चौरे	सांत्वना
मनन	जे.पी. मंडल	सांत्वना
भास्कर	सिब्बन सिंह	सांत्वना
संजना	राजेश कुमार	सांत्वना

## 3. पहली से तीसरी के विद्यार्थियों के लिए कविता प्रतियोगिता

नाम	पिता का नाम सर्वश्री	स्थान
देवदत	नरेश दत	प्रथम
रितिका	विपिन कुमार	द्वितीय
अमृता	अखिलेश	तृतीय
साक्षी	जोगिन्द्र	सांत्वना
कर्ण	अखिलेश	सांत्वना
कार्तिक	कचरू शंकर	सांत्वना
हर्षित	श्याम सिंह	सांत्वना
पंकज	रामपाल	सांत्वना
शिवा	सुरेश कुमार	सांत्वना

# प्रशिक्षाणार्थियों/प्रशिक्षुओं के लिए निबंध प्रतियोगिता

नाम सर्वश्री	प्रशिक्षाणार्थी/प्रशिक्षु	स्थान
संदीप कुमार सिंह	प्रशिक्षु	प्रथम
अजय कुमार	प्रशिक्षु	द्वितीय
सुभाष सिंह	प्रशिक्षु	तृतीय
राहुल कुमार	प्रशिक्षु	सांत्वना

# संस्थान की महिलाओं के लिए प्रतियोगिताएं

## 1. हिन्दी निबन्ध प्रतियोगिता

नाम	पत्नी/पुत्री सर्वश्री	स्थान
श्रीमती दीपमाला	पत्नी जे.पी. चौरे	प्रथम
कु. बबीता	पुत्री नवल किशोर	द्वितीय
श्रीमती मनीषा	पत्नी संदीप	तृतीय
श्रीमती शीला मंडल	पत्नी जे.पी. मंडल	सांत्वना
श्रीमती मीनाक्षी	पत्नी देवेंद्र	सांत्वना

## 2. सुलेख प्रतियोगिता

नाम सर्वश्रीमती	पति सर्वश्री	स्थान
मनीषा	संदीप	प्रथम
दीपमाला	जे.पी. चौरे	द्वितीय
जसमीत कौर	गुरजीत सिंह	तृतीय
रजनी सिंह	तेजबीर सिंह	सांत्वना
शोभाराणे	यशवंत नीनू राने	सांत्वना
कविता	सुनील पाटिल	सांत्वना
पूजा मल्होत्रा	विपिन मल्होत्रा	सांत्वना

## नगर के सभी केन्द्रीय सरकार के संस्थानों/केन्द्रों के अधिकारियों/कर्मचारियों के लिए प्रतियोगिताएं

## 1. हिन्दी में काव्य पाठ प्रतियोगिता

नाम	कार्यालय/संस्थान	स्थान
श्री नरेश दत शर्मा	उ.क्षे.कॄ.म.प. एवं परी. संस्थान	प्रथम
श्री गुरजीत सिंह	उ.क्षे.कृ.म.प. एवं परी. संस्थान	द्वितीय
श्रीमती कोमल	केन्द्रीय डाकघर, हिसार	तृतीय
डॉ. सुधीर खन्ना	केन्द्रीय भैंस अनु. संस्थान, हिसार	सांत्वना
श्रीमती वंदना कपूर	क्षेत्रीय चारा उत्पादन फार्म, हिसार	सांत्वना

# 2. आशु भाषण प्रतियोगिता

नाम	कार्यालय/संस्थान	स्थान
श्रीमती शम्मी त्यागी	राष्ट्रीय अश्व अनुसंधान केन्द्र, हिसार	प्रथम
श्रीमती वंदना कपूर	क्षेत्रीय चारा उत्पादन फार्म, हिसार	द्वितीय
डॉ. राजेश सरदाना	स्वास्थ्य विभाग, हिसार	तृतीय
श्री प्रीतम सिंह	उ.क्षे.कृ.म.प. एवं परी. संस्थान, हिसार	सांत्वना

#### **INDEPENDENCE DAY 2013**

On this occasion, apart from flag hoisting ceremony, cultural programmes were organized for staff, children and trainees of this institute. The children of the TTC School also participated and sung the patriotic songs. The Director of the Institute delivered a message on this occasion for the betterment of Institute and staff.

#### **REPUBLIC DAY 2014**

The Republic day was celebrated with joy and spirit by the trainees, staff & their family members of the Institute. Apart from the official programme of the flag hoisting various cultural and sports activities were organized. All the trainees, staff and their family members participated in the events. The children of the TTC School also participated and sung the patriotic songs. A message from the Director was delivered for the progress of the Institute. The prizes were distributed by the Director to the winners on this occasion.





# **FINANCIAL PERFORMANCE**

The details of the financial statements showing allocation, expenditures and receipts of the institute for the last five years (2008-09 to 2013-14) are as under:

2401 Non-Plan (Rs. in Lakhs)

Year		2009 - 10	0		2010 - 11			2011 - 12	<u>.</u>		2012-13			2013-14	
Sub head	BE	R.E.	Exp	BE	R.E.	Exp	BE	R.E.	Exp	BE	R.E.	Ехр	BE	R.E.	Ехр
Salary	246.64	175.00	190.00	185.09	246.64	175.00	190.00	185.09	246.64	279.91	265.38	263.57	320.64	301.54	281.53
0TA	80.00	00.10	60.00	00'0	80.00	00.10	60'00	00:00	80.00	.10	0.10	0	0.10	0.09	I
Wages	31.39	21.00	23.50	23.46	31.39	21.00	23.50	23.46	31.39	36.72	57.00	48.43	59.98	45.70	43.57
Med. Tr.	4.88	5.00	4.75	4.51	4.88	2.00	4.75	4.51	4.88	8.00	7.02	5.72	7.50	8.25	8.08
DTE	3.53	4.00	3.70	3.01	3.53	4.00	3.70	3.01	3.53	7.50	7.50	2.83	7.24	7.13	3.47
0E	17.63	23.00	22.00	19.70	17.63	23.00	22.00	19.70	17.63	29.41	33.92	33.85	49.81	47.50	46.61
M&E	12.60	10.00	9.00	8.45	12.60	10.00	00'6	8.45	12.60	15.00	12.42	11.54	I		I
00	13.33	15.00	14.50	12.76	13.33	15.00	14.50	12.76	13.33	23.08	28.60	24.48	31.91	30.58	27.84
Mn Works	17.64	24.00	22.00	16.62	17.64	24.00	22.00	16.62	17.64	40.00	35.79	29.00	28.48	45.97	45.97
Publn	06'0	1.00	96'0	29'0	06'0	1.00	96'0	29.0	06'0	1.50	1.34	99.0	1.50	1.13	0.52
Ad. & Pub	2.54	2.50	2.30	1.84	2.54	2.50	2.30	1.84	2.54	2.00	4.33	2.51	5.32	4.79	1.69
Total	351.16	240.60	292.79	276.11	351.16	240.60	292.79	276.11	351.16	461.27	446.40	422.59	512.48	492.68	459.28

4401- Non Plan (Rs. in Lakhs)

	(a		<b>)</b>												
Year		2009 - 10	(	7	2010 - 11			2011 - 12	6		2012-13			2013-14	
Sub head	BE	R.E.	Exp	BE	R.E.	Ехр	BE	R.E.	Exp	BE	R.E.	Ехр	BE	R.E.	Ехр
M&E	14.00	14.00 14.00	3.28	13.00	13.00	3.70	4.00	11.18	11.18 1.13		4.13 4.17	3.27	14.00 12.00 11.99	12.00	11.99
Works	19.00	19.00 18.50	8.42	10.00	10.00	10.00 05.70 13.00	13.00	18.49	18.49 12.52 13.33 13.33 13.33	13.33	13.33	13.33	3.91	3.91	3.91
Total	33.00	33.00   32.50   11.70   23.0	11.70	23.00	23.00	09.40	17.00	29.67	00   23.00   09.40   17.00   29.67   13.65   15.76   17.50   16.60   17.91   15.91   15.9	15.76	17.50	16.60	17.91	15.91	15.9

4401- Plan (Rs. in Lakhs)

Year		2009 - 10			2010 - 11			2011 - 12			2012- 13			2013-14	
Sub head	BE	R.E.	Exp	38	R.E.	Ехр	38	R.E.	Exp	BE	R.E.	Exp	38	R.E.	Ехр
M&E	14.37	14.37 19.00	5.55	30.00	30.00 15.96		70.00	00.09	19.84	90.06	11.14	23.60	60.00   19.84   90.00   11.14   23.60   120.00   120.00   33.67	120.00	33.67
Works	78.7	20.00	00.00	35.00	35.00	14.83	35.00 14.83 40.00	40.00	38.53	25.00	25.00	25.00	40.00 38.53 25.00 25.00 25.00 140.00 140.00 76.74	140.00	76.74
Total	22.24	22.24 39.00	5.55	65.00	65.00	30.79	110.00	65.00 30.79 110.00 100.00 58.37 115.00 36.14 48.60 260.00 260.00 110.41	58.37	115.00	36.14	48.60	260.00	260.00	110.41

Revenue Receipts (Rs.) (2009-10 to 2013-14)

•		•			
Source	2009 - 10	2010 - 11	2011 - 12	2012-13	2013-14
Training	231110	299531	272524	376505	420450
Testing	5322849	4880296	7859787	14344636	19361052
Farm	516144	681119	1748299	465579	1343177
Miscellaneous	246901	1352941	261976	81001	113306
Total	6317004	7213887	10142586	15267721	21237985

# **PERSONNEL MANAGEMENT**

#### **Retirements**

SI.No	Name of Incumbent	Date of Retirement
1	Sh. Mahavir, M.T.S.	30.11.2013
2	Sh. Kedar Ram, Technical Assistant	31.01.2014
3	Sh. Chander Bhan, M.T.S.	31.01.2014
4	Sh. Ram Dayal, Technical Assistant	31.03.2014

#### **Transfers & Promotions**

SI.No.	Name of Officer/Official	Transferred/Promoted From / To
1	Sh. A.N. Meshram, Director	Transferred to the Ministry on 15.04.13
2	Sh. Himat Singh, Director	Transferred from the Ministry & joined NRFMTTI,
		Hisar on 06.05.13
3	Sh. A.C. Kakkar, A.O.S.	Promoted to the post of Office Supdt. at this
		Institute on 29.07.13
4	Sh. Rajbir Singh, U.D.C.	Promoted to the post of Asstt. Office Supdt. at this
		Institute on 29.07.13 (now redesignated as
		Office Supdt.)

# **Trainings**

SI.No.	Name of Official	Training Programme & Period
1	Sh. Sunil Patil, Technical Asstt.	"Direct Trainer Skill" at ISTM, New Delhi
		w.e.f. 28/10/2013 to 01/11/2013

# **RTI ACT**

As per the guidelines of the Government of India, the RTI Cell of this Institute is fully functional. The details related with the applications received under RTI Act are given below:

1.	Requests received during the year including cases transferred to	10
	other public authority	
2.	Number of cases transferred	Nil
3.	Number of cases where requests/appeals rejected by	Nil
	invoking section 8(I) of RTI Act, 2005	
4.	Number of cases where disciplinary action taken against any officer	Nil
5.	Number of appellate authorities designated	01
6.	Amount of charges collected under RTI Act	Rs. 240

## **COURT CASES**

As all the cases have been settled and there are only five cases pending, the efforts are being made to get the same decided by the Hon'ble Courts at the earliest.

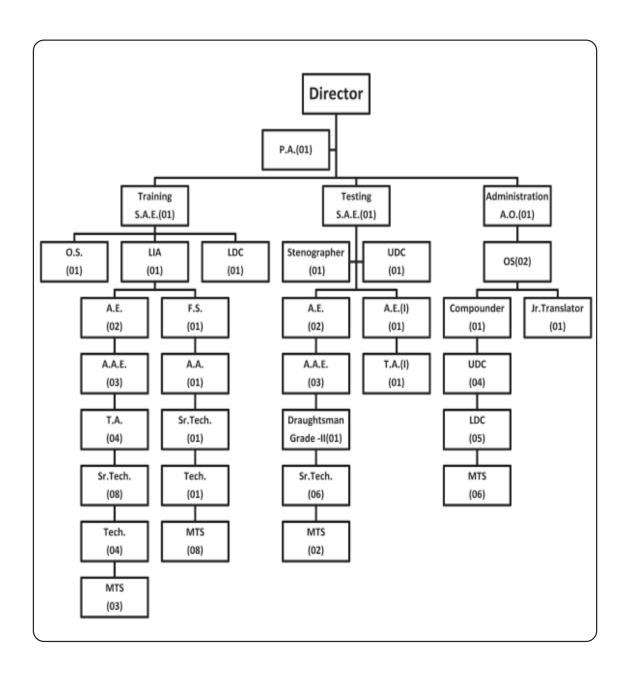
## **VISITS/TRAININGS/MEETINGS ATTENDED**

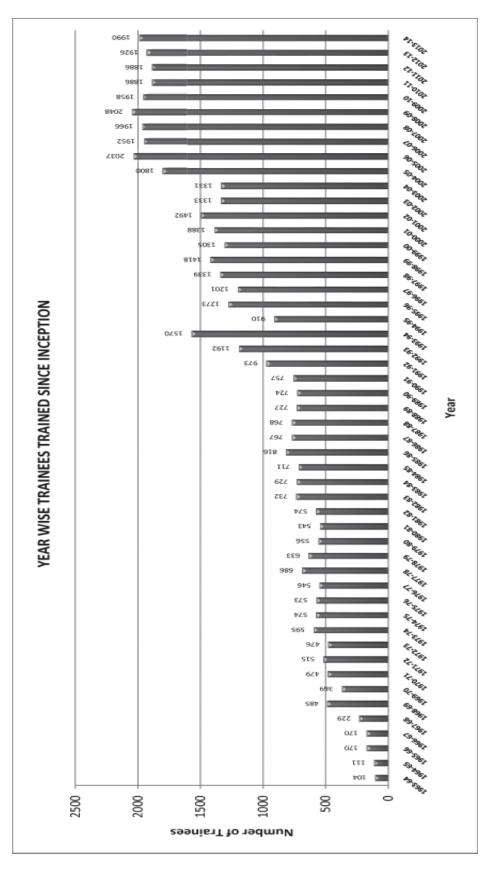
Following meetings & visits have been attended by the Director of this Institute:-

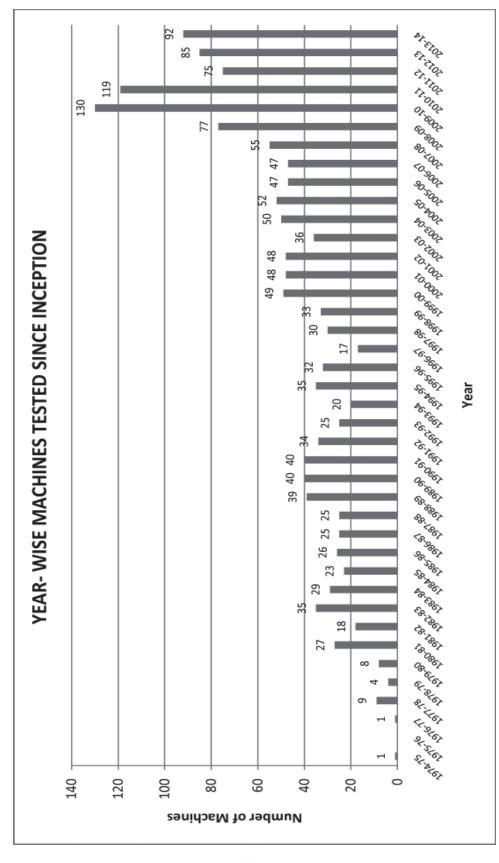
Particulars of Meeting/Visit	Place	Date
Making arrangement of Agricultural Machinery exhibition in the Ministry of Agriculture Pavilion at IITF	IITF, Pragati Maidan, New Delhi	14-11-2013
To attend the presentation on "Farm Mechanization" held on 28/11/2013 at 03:30 pm under the Chairmanship of Sh. A.K. Srivastava, Additional Secretary	Krishi Bhavan, New Delhi	28-11-2013
To attend the Inaugural session of International Exhibition for Agricultural Machinery and Equipment named as EIMA Agrimach India 2013	IARI, Pusa, New Delhi	05-12-2013
To attend the meeting in connection with "National Agriculture Fair cum Exhibition-Krishi Vasant" at Central Institute of Cotton Research, Nagpur from 09-13 Feb. 2014, under the Chairmanship of Shri Avinash Kumanr Shrivastava, Additional Secretary, Ministry of Agriculture in the Krishi Bhawan, New Delhi	Krishi Bhawan, New Delhi	23-12-2013
To attend the meeting in connection with the presentation by NABCONS on the Evaluation and Impact Assessment study of Plan Scheme "Promotion & Strengthening of agricultural mechanization through training, testing and demonstration and Post Harvest Technology & Management" held on 15-01-2014 at 03.00 pm under the Chairmanship of Sh. A.K. Srivasta, Additional Secretary	Krishi Bhawan, New Delhi	15-01-2014
To attend the meeting in connection with the Implementation of "Sub Mission on Agricultural Mechanization (SMAM) and its guidelines" under the Chairmanship of Shri Ashish Bahuguna, Secretary(A&C)	Krishi Bhawan, New Delhi	20-01-2014
To attend the meeting in connection with the "Revision of Recruitment Rules (RRs) of various cadres of Non-Technical posts at FMTTIs" under the Chairmanship of Deputy Secretary (M&T)	Krishi Bhawan, New Delhi	20-01-2014
To attend the zonal conference on "Agricultural Inputs for Kharif Campaign 2014 Season" under the Chairmanship of Joint Secretary (M&T)	National Academy of Agriculture & Science, New Delhi	14-02-2014
To attend the 239th Meeting of Board of Directors of Haryana Agro Industries Corporation Ltd., Chandigarh	Sector 4, Panchkula, Chandigarh	24-03-2014

#### **ANNEXURE-I**

## **ORGANIZATIONAL CHART OF THE INSTITUTE**

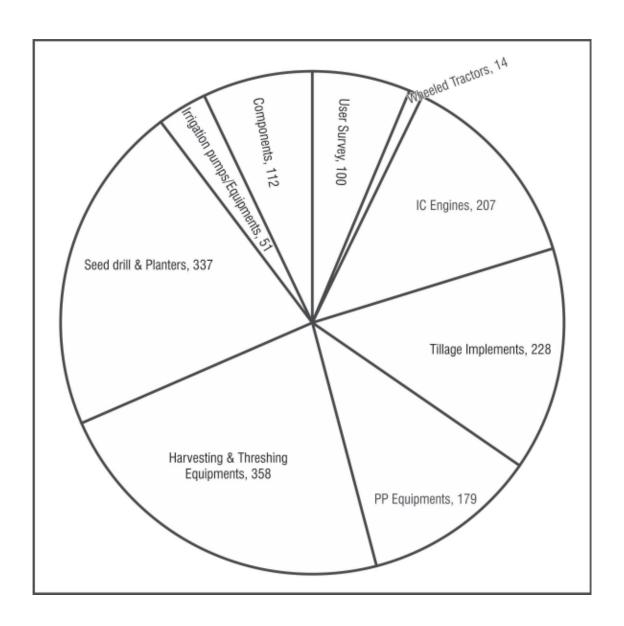






#### **ANNEXURE-IV**

# **CATEGORY-WISE MACHINES TESTED SINCE INCEPTION**



# LIST OF DIRECTORS SERVED THE INSTITUTE SINCE INCEPTION

S. No.	Name of Directors	Pe	riod
	S/Sh.	From	То
1.	P.J. Zakaria	01.07.63	08.10.63
2.	A.D. Chhugani	09.10.63	08.05.67
3.	K.S. Yadav	07.11.67	02.02.77
4.	S.K. Mishra	03.02.77	08.04.79
5.	K.S. Yadav	09.04.79	30.05.82
6.	V.A. Patil	31.05.82	07.07.92
7.	H.C. Luthra	09.07.92	31.08.95
8.	N. Singh	01.09.95	30.04.96
9.	S.C. Jain	01.05.96	02.08.99
10.	R.S. Dass	11.08.99	04.10.02
11.	M.L. Mehta	15.11.02	07.03.05
12.	V.N. Kale	08.03.05	23.11.07
13.	Himat Singh	26.11.07	07.12.09
14.	A.N. Meshram	16.12.09	15.04.13
15.	Himat Singh	06.05.13	Continue





