

**DEPARTMENT OF FARM MACHINERY AND POWER ENGG.
COLLEGE OF AGRICULTURAL ENGINEERING AND TECHNOLOGY
CCS HARYANA AGRICULTURAL UNIVERSITY, HISAR**

Category-wise break-up (Status Report as on 31.03.2022)

Name of Equipment		No. of Applications received												No. of applications disposed as on 31.03.22		No. of Reports released											
		2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	Total			2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	Total	
	Tillage implements	203	112	60	68	119	62	121	76	91	32	35	979	968	35	13	36	45	41	38	60	38	11	22	339		
	Levelling equipments	24	8	8	5	2	1	2	0	0	0	0	50	10	0	0	0	0	0	0	0	0	1	0	1		
	Sowing equipments	218	95	56	48	47	21	46	59	95	112	41	838	809	52	31	07	25	15	18	50	53	83	37	371		
	Plant protection equipments	70	42	44	38	25	14	20	1	1	2	3	260	259	15	34	20	4	0	1	1	1	3	2	81		
	Harvesting machinery	29	15	9	8	11	5	8	0	6	3	8	102	97	11	05	1	3	0	4	0	0	0	7	31		
	Threshing machinery	45	33	22	16	33	24	22	2	7	2	10	216	119	0	07	13	1	10	0	2	3	5	0	41		
	Straw management machinery	22	10	12	17	22	17	46	45	51	54	25	321	312	1	07	02	05	12	15	25	17	40	17	141		
	Miscellaneous	34	15	7	22	38	31	16	5	4	4	11	187	134	5	06	08	11	21	11	2	1	6	7	78		
	Total	645	330	218	222	297	175	281	188	255	209	133	2953	2708	119	103	87	94	99	87	140	113	149	92	1083		

Percentage of applications disposed-off = (2708/2953)*100 = 91.70%

(Status Report as on 31.03.2022)

Name of Equipment		No. of Applications received												No. of applications disposed as on 31.3.22	No. of Reports released											
		2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	Total		2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	Total	
Tillage equipments																										
1	Plough	7	0	3	3	12	3	12	19	4	5	5	73	73	0	0	0	0	4	4	19	0	2	4	33	
2	Sub-soiler	1	2	2	6	4	2	1	1	1	0	0	20	20	0	0	0	1	2	0	1	0	0	0	4	
3	Cultivator	62	40	12	15	29	9	16	1	11	2	1	198	197	7	4	7	21	7	2	3	2	4	0	57	
4	S-tyne cultivator	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	
5	Disc harrow	47	31	13	12	37	14	31	6	6	2	3	202	201	8	1	3	12	10	7	5	3	3	3	55	
6	Puddler	3	1	1	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	
7	Rotavator	83	35	27	32	37	34	55	47	68	23	26	467	457	20	8	26	11	18	22	31	32	2	15	185	
8	Rotary plough	0	3	1	0	0	0	0	0	0	0	0	4	4	0	0	0	0	0	0		0	0	0	0	
9	Ridger	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	1	
10	Power Harrow	0	0	0	0	0	0	6	2	0	0	0	8	8	0	0	0	0	0	3	1	0	0	0	4	
	Total	203	112	60	69	119	62	121	76	90	32	35	979	968	35	13	36	45	41	38	60	38	11	22	339	

(Status Report as on 31.03.2022)

[illegible]

(Status Report as on 31.03.2022)

[illegible]

23	Super seeder cum DSR	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	1	0	1
	Total	218	95	55	48	48	21	46	59	95	112	41	838	809	52	31	7	25	15	18	50	53	83	37	371

(Status Report as on 31.03.2022)

Name of Equipment		No. of Applications received											No. of application s disposed as on 31.03.22	No. of Reports released												
		2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22		Total	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	Total	
Plant protection equipments																										
1	Tractor operated sprayer (400 to500 lits)	61	34	25	16	11	7	8	0	0	0	2	164	164	15	26	9	2	0	0	0	0	0	0	1	53
2	Tractor operated sprayer (1000 lits)	0	2	5	1	1	0	0	0	0	0	0	9	9	0	1	0	0	0	0	0	0	0	0	0	1
3	Self propelled light weight sprayer	2	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
4	Power spray pumps	1	3	1	0	3	2	0	0	0	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0
5	Weeder (Tractor operated)	4	1	1	0	0	0	5	1	0	2	1	15	14	0	2	0	0	0	0	0	0	1	2	1	6
6	Self propelled weeder (power weeder)	2	1	0	0	0	0	0	0	1	0	0	4	4	0	0	0	0	0	0	0	0	0	1	0	1
7	Aeroblast sprayer	0	1	0	11	6	0	0	0	0	0	0	18	18	0	0	2	0	0	0	0	0	0	0	0	2
8	Boom sprayer	0	0	1	1	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
9	Fertilizer broadcaster	0	0	1	0	1	1	1	0	0	0	0	4	4	0	1	0	0	0	1	1	0	0	0	0	3
10	Manual sprayers	0	0	10	9	3	3	4	0	0	0	0	29	29	0	4	9	2	0	0	0	0	0	0	0	15
11	Power sprayers with Engine	0	0	0	0	0	1	2	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0
	Total	70	42	44	38	25	14	20	1	1	2	3	260	259	15	34	20	4	0	1	1	1	3	2		81

(Status Report as on 31.03.2022)

Name of Equipment		No. of Applications received											No. of applications disposed as on 31.03.2022	No. of Reports released											
		2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22		Total	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	Total
Harvesting machinery																									
1	Tractor front mounted reaper	24	8	4	1	3	0	0	0	5	1	2	48	48	10	1	0	0	0	0	0	0	0	6	17
2	Self propelled vertical conveyor reaper	0	2	0	0	0	0	1	0	0	0	0	3	3	1	0	0	0	0	0	0	0	0	0	1
3	Ground nut digger	1	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0
4	Potato digger	4	5	4	5	6	5	6	0	0	1	2	38	35	0	4	1	3	0	4	0	0	0	0	12
5	Carrot digger	0	0	1	1	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0
6	Reaper Binder	0	0	0	1	1	0	1	0	1	1	3	8	8	0	0	0	0	0	0	0	1	0	1	2
7	Groundnut stripper cum straw collector	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	Total	29	15	9	8	11	5	8	0	6	3	8	102	97	11	5	1	3	0	4	0	1	0	7	32

(Status Report as on 31.03.2022)

Name of Equipment		No. of Applications received												No. of applications disposed as on 31.03.22	No. of Reports released											
		2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	Total		2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	Total	
Threshing machinery																										
1	Harambha thresher	7	0	6	2	1	1	1	0	0	0	0	18	0	0	0	0	0	0	0	0	0	0	0	0	
2	Paddy thresher	14	12	8	5	5	6	7	1	4	2	0	64	63	0	7	5	0	0	0	2	0	5	0	19	
3	Maize sheller	4	8	0	1	5	6	4	1	0	0	0	29	20	0	0	0	1	10	0	0	0	0	0	11	
4	Multicrop thresher	15	1	4	3	16	7	8	0	1	0	5	60	5	0	0	0	0	0	0	0	0	0	0	0	
5	Wheat thresher	4	10	3	4	5	2	1	0	1	0	4	34	30	0	0	8	0	0	0	0	2	0	0	10	
6	Power thresher	1	2	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	
7	Feeding chute	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	
8	Groundnut Thresher	0	0	0	0	0	1	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	
9	Castor Thresher	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
	Total	45	33	22	15	32	24	21	2	6	2	10	212	119	0	7	13	1	10	0	2	2	5	0	40	

(Status Report as on 31.03.2022)

Name of Equipment		No. of Applications received												No. of applicat ions disposed as on 31.03.22	No. of Reports released											
		2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	Total		2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	Total	
Straw management machinery																										
1	Stubble shaver	3	0	1	0	1	1	0	0	0	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	
2	Straw reaper	13	9	11	13	5	7	8	7	10	10	6	99	97	0	7	2	5	3	5	2	7	6	6	43	
3	Paddy Straw Chopper cum spreader	2	0	0	4	13	5	12	7	4	6	1	54	50	0	0	0	0	8	2	4	0	3	0	17	
4	Straw baler	2	1	0	0	0	1	1	2	5	7	9	28	27	0	0	0	0	0	1	0	4	6	4	15	
5	Sugarcane leaf chopper cum spreader	1	0	0	0	1	0	0	1	0	0	1	4	4	1	0	0	0	0	0	0	0	0	1	2	
6	Mulcher	1	0	0	0	1	3	23	16	15	11	2	72	71	0	0	0	0	1	5	12	0	10	1	29	
7	Fodder chopper cum Loader	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0		0	0		
8	Rotary Slasher	0	0	0	0	0	0	1	12	12	15	3	43	43	0	0	0	0	0	1	7	1	12	5	26	
9	Hay Rake	0	0	0	0	0	0	1	0	5	5	3	14	13	0	0	0	0	0	1	0	5	3	0	9	
	Total	22	10	12	17	22	17	46	45	51	54	25	321	312	1	7	2	5	12	15	25	17	40	17	141	

Status Report as on 31.03.2022)

Status Report as on 31.03.2022

Name of Equipment		No. of Applications received											No. of application s disposed as on 31.03.22	No. of Reports released											
		2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22		Total	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	Total
Miscellaneous																									
1	Directional valve (irrigation)	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2	Disc ridger/Bund Maker	2	1	0	1	2	0	1	0	0	0	0	7	6	0	0	0	0	0	0	0	0	0	0	0
3	Carrot washer	4	1	1	0	0	0	0	0	0	0	0	6	6	0	1	1	0	0	0	0	0	0	0	2
4	Chaff cutter	4	13	4	11	19	24	2	1	0	0	0	78	72	5	5	7	5	18	8	0	0	0	0	48
5	Chaff cutter & loader (electricity driven)	1	0	0	0	1	0	4	3	2	2	3	16	13	0	0	0	0	0	0	1	0	5	0	6
6	Chaff cutter & loader cum loader (Tractor driven)	0	0	0	0	0	3	6	1	0	1	0	11	11	0	0	0	0	0	2	0	1	0	1	4
7	Mud loader	5	0	0	0	1	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0
8	Post hole digger	4	0	0	0	1	2	0	0	1	0	0	8	8	0	0	0	0	0	1	0	0	0	0	1
9	Sugarcane cutter	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
10	Tipping trolley (hydraulic)	7	0	1	0	2	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0
11	Cotton picker	1	0	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
12	Cutter blade	2	0	0	1	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
13	Tractor mounted combine	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
14	Sugarcane Loader	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	1
15	Sugarcane Infielder	0	0	0	1	0	0	0	0	0	1	0	0	2	1	0	0	1	0	0	0	0	0	0	1
16	Hook for tractor trailer	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	1
17	Kinu Gardening	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
18	Compost Spreader	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
19	Seed Cleaner	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	1
20	Seed cleaner cum grader	0	0	0	3	0	0	0	0	0	0	0	3	1	0	0	0	1	0	0	0	0	0	0	1
21	Winnowing Fan	0	0	0	0	5	0	1	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0
22	Cage Wheel	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
23	Brush Cutter	0	0	0	0	1	1	0	0	0	0	0	2	0	0	0	0	1	1	0	0	0	0	0	2
24	Chain Saw	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	1
25	Bioacoustics Equipment Harmony	0	0	0	0	2	0	0	0	0	0	0	2	2	0	0	0	0	1	0	0	0	0	0	1
26	Management Device	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
27	Potato Grader	0	0	0	0	1	1	1	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
28	Shocking Machine (Birds & Animals)	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
29	Solar operated Micro Irrigation	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	1
30	Crop Handling machine	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	1	0	1
31	Baler Press Machine	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1

32	Rotary Tiller Blade	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
33	Manual Hand Tool	0	0	0	0	0	0	0	0	0	0	3	3	3	0	0	0	0	0	0	0	0	3	3
34	Weast –Wood Cutter	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
35	Cono Weeder	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	1
36	Soil cutting blade of laser land leveller	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	1
	Total	34	15	7	22	38	31	16	5	4	4	11	188	134	5	6	8	11	21	11	2	1	6	78

Test Reports Released during 2021-22

Sl. No.	Name of the Machine	No. of Test Reports Released
1.	Plough	4
2.	Disc harrow	3
3.	Rotavator	15
4.	Zero Till seed cum fertilizer till	9
5.	Direct sowing of rice drill	3
6.	Super Seeder	21
7.	Potato Planter	3
8.	Multicrop Planter	1
9.	Sprayer	1
10.	Wheat Straw Reaper	6
11.	Straw Baler	4
12.	Rotary Slasher	5
13.	Mulcher	1
14.	Reaper Binder	1
15.	Vertical Conveyor Reaper	6
16.	Rotary weeder	1
17.	Press Baler	1
18.	Chaff cutter (Tractor driven)	1
19.	Sugarcane trash shredder	1
20.	Hand Tool	3
21.	Laser land leveller blade	1
22.	Cono Weeder	1
	Total	92

Test Reports Released from 01.09.2012 to 31.03.2022

Sl. No.	Name of the Machine	No. of Test Reports Released
1	Sub-Soiler	4
2	Cultivator	57
3	Disc harrow	55
4	Rotavator	185
5	Plough	33
6	Power harrow	4
7	Seed cum fertilizer drill	41
8	Zero Till seed cum fertilizer till	97
9	Bt. Cotton planter	39
10	Direct sowing of rice drill	36
11	Potato Planter	12
12	Maize Planter	4
13	Happy Seeder	40
14	Raised Bed Vegetable Planter	1
15	Super Seeder	97
16	Modified Happy Seeder	1
17	Super DSR	1
18	Tractor operated sprayer	53
19	Manual sprayer	15
20	Tractor operated sprayer (1000ltr.)	1
21	Aeroblast sprayer	2
22	Rotary Weeder	6
23	Tractor operated Fertilizer Broadcaster	3
24	Vertical conveyer reaper	17
25	Self propelled VCR	1
26	Potato Digger	12
27	Paddy thresher	19
28	Wheat thresher	10
29	Maize Sheller	11
30	Straw reaper	43
31	Paddy Straw Chopper cum spreader	17
32	Mulcher	29
33	Hay Rake	9
34	Rotary Slasher	27
35	Straw Baler	15
36	Sugarcane leaf chopper & spreader	2
37	Chaff cutter	48

38	Tractor operated Chaff cutter	4
39	Chaff Cutter (Electricity driven)	6
40	Carrot washer	2
41	Sugarcane Infielder	1
42	Sugarcane Loader	1
43	Towing Hook	1
44	Brush Cutter	2
45	Chain Saw	1
46	Bioacoustic equipment	1
47	Seed Pre-cleaner	1
48	Seed grader	1
49	Post hole Digger	1
50	Solar operated Micro Irrigation Applicator	1
51	Reaper cum Binder	2
52	Ridger	1
53	Urea Deep Placement Applicator	1
54	Power Weeder	1
55	Crop handling Machine	1
56	Scraper	1
57	Press Baler	1
58	Hand Tool	3
59	Laser land Leveller Blade	1
60	Cono Weeder	1
	Total	1083