

**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 31.03.2019)

Name of Equipment		No. of Applications received									No. of applications disposed as on 31.03.2019	No. of Reports released							
		2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	Total		2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	Total
1	Tillage implements	203	112	60	68	119	62	121	76	821	793	35	13	36	45	41	38	60	268
2	Levelling equipments	24	8	8	5	2	1	2	0	50	10	0	0	0	0	0	0	0	0
3	Sowing equipments	218	95	56	48	47	21	46	59	590	546	52	31	07	25	15	18	50	198
4	Plant protection equipments	70	42	44	38	25	14	20	1	254	246	15	34	20	4	0	1	1	75
5	Harvesting machinery	29	15	9	7	11	5	7	0	83	59	11	05	1	3	0	4	0	24
6	Threshing machinery	45	33	22	16	33	24	22	2	197	91	0	07	13	1	10	0	2	33
7	Straw management machinery	22	10	12	17	23	17	46	45	192	182	1	07	02	05	12	15	25	67
8	Miscellaneous	34	15	7	22	38	31	16	5	168	113	5	06	08	11	21	11	2	64
	Total	645	330	218	220	298	175	280	188	2355	2040	119	103	87	94	99	87	140	729

Percentage of applications disposed-off = $(2040/2355) * 100 = 86.62\%$

(Status Report as on 31.03.2019)

Name of Equipment		No. of Applications received									No. of applications disposed as on 31.03.2019	No. of Reports released							
		2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	Total		2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	Total
Sowing equipments																			
1	Seed cum fertilizer drill	43	37	16	12	8	3	10	0	129	129	12	3	1	12	5	5	1	39
2	Zero till seed cum fertilizer drill	68	24	9	13	14	6	10	20	164	164	11	11	0	5	9	3	19	58
3	Bt. Cotton planter	61	15	4	3	4	4	3	0	94	94	23	10	3	0	0	3	0	39
4	Direct Sowing planter	8	4	8	2	6	2	1	0	31	25	0	5	3	0	0	0	0	8
5	Happy seeder	19	2	1	1	2	0	13	33	71	71	6	0	0	0	0	6	25	37
6	Maize planter	2	1	0	3	0	0	0	0	6	5	0	0	0	3	0	0	0	3
7	Multicrop planter	6	4	7	0	2	4	2	0	25	10	0	0	0	0	0	0	0	0
8	Potato planter	5	5	5	5	6	2	6	0	34	32	0	2	0	5	1	0	1	9
9	Raised bed planter	3	1	1	2	0	0	0	0	7	0	0	0	0	0	0	0	0	0
10	Sugarcane cutter planter	2	1	2	1	0	0	0	0	6	0	0	0	0	0	0	0	0	0
11	Paddy transplanter	1	0	2	1	0	0	0	0	4	4	0	0	0	0	0	0	0	0
12	Ridger seeder	0	1	0	2	0	0	0	0	3	0	0	0	0	0	0	0	0	0
13	Groundnut planter	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
14	Carrot Sowing Machine	0	0	0	1	3	0	0	0	4	4	0	0	0	0	0	0	0	0
15	Raised bed Vegetable planter	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	1	0	1
16	Pneumatic Planter	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
17	Rota seeder	0	0	0	0	1	0	1	1	3	2	0	0	0	0	0	0	0	0
18	Manual rice transplanter	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0
19	Modified happy seeder	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	1	1
20	Super Happy Seeder	0	0	0	0	0	0	0	3	3	3	0	0	0	0	0	0	3	3
Total		218	95	56	48	47	21	46	59	590	546	52	31	7	25	15	18	50	198

(Status Report as on 31.03.2019)

Name of Equipment		No. of Applications received									No. of applications disposed as on 31.03.2019	No. of Reports released							
		2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	Total		2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	Total
Plant protection equipments																			
1	Tractor operated sprayer (400 to 500 lits)	61	34	25	16	11	7	8	0	162	162	15	26	9	2	0	0	0	52
2	Tractor operated sprayer (1000 lits)	0	2	5	1	1	0	0	0	9	9	0	1	0	0	0	0	0	1
3	Self propelled light weight sprayer	2	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
4	Power spray pumps	1	3	1	0	3	2	0	0	10	10	0	0	0	0	0	0	0	0
5	Weeders (Tractor operated)	4	1	1	0	0	0	5	1	12	7	0	2	0	0	0	0	0	2
6	Self propelled weeder (power weeder)	2	1	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
7	Aeroblast sprayer	0	1	0	11	6	0	0	0	18	18	0	0	2	0	0	0	0	2
8	Boom sprayer	0	0	1	1	0	0	0	0	2	2	0	0	0	0	0	0	0	0
9	Fertilizer broadcaster	0	0	1	0	1	1	1	0	4	4	0	1	0	0	0	1	1	3
10	Manual sprayers	0	0	10	9	3	3	4	0	29	29	0	4	9	2	0	0	0	15
11	Power sprayers with Engine	0	0	0	0	0	1	2	0	3	3	0	0	0	0	0	0	0	0
	Total	70	42	44	38	25	14	20	1	254	246	15	34	20	4	0	1	1	75

(Status Report as on 31.03.2019)

Name of Equipment		No. of Applications received									No. of applications disposed as on 31.03.2019	No. of Reports released							
		2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	Total		2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	Total
Harvesting machinery																			
1	Tractor front mounted reaper	24	8	4	1	3	0	0	0	40	28	10	1	0	0	0	0	0	11
2	Self propelled vertical conveyor reaper	0	2	0	0	0	0	1	0	2	1	1	0	0	0	0	0	0	1
3	Ground nut digger	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
4	Potato digger	4	5	4	5	7	5	6	0	36	30	0	4	1	3	0	4	0	12
5	Carrot digger	0	0	1	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0
6	Groundnut stripper cum straw collector	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
Total		29	15	9	7	11	5	7	0	82	59	11	5	1	3	0	4	0	24

(Status Report as on 31.03.2019)

Name of Equipment		No. of Applications received									No. of applications disposed as on 31.03.2019	No. of Reports released							
		2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	Total		2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	Total
Threshing machinery																			
1	Harambha thresher	7	0	6	2	1	1	1	0	18	0	0	0	0	0	0	0	0	0
2	Paddy thresher	14	12	8	5	5	6	7	1	58	47	0	7	5	0	0	0	2	14
3	Maize sheller	4	8	0	1	5	6	4	1	29	20	0	0	0	1	10	0	0	11
4	Multicrop thresher	15	1	4	3	16	7	8	0	54	5	0	0	0	0	0	0	0	0
5	Wheat thresher	4	10	3	4	5	2	1	0	29	18	0	0	8	0	0	0	0	8
6	Power thresher	1	2	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
7	Feeding chute	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
8	Reaper Binder	0	0	0	1	1	0	1	0	3	0	0	0	0	0	0	0	0	0
9	Groundnut Thresher	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0
10	Castor Thresher	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0
Total		45	33	22	16	33	24	22	2	197	91	0	7	13	1	10	0	2	33

(Status Report as on 31.03.2019)

Name of Equipment	No. of Applications received										No. of applications disposed as on 31.03.2019	No. of Reports released							
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	Total	2012-13		2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	Total	
Straw management machinery																			
1	Stubble shaver	3	0	1	0	1	1	0	0	6	6	0	0	0	0	0	0	0	0
2	Straw reaper	13	9	11	13	5	7	8	4	70	66	0	7	2	5	3	5	2	24
3	Paddy Straw Chopper cum spreader	2	0	0	4	13	5	12	10	46	44	0	0	0	0	8	2	4	14
4	Straw baler	2	1	0	0	0	1	1	2	7	6	0	0	0	0	0	1	0	1
5	Sugarcane leaf chopper cum spreader	1	0	0	0	1	0	0	1	3	1	1	0	0	0	0	0	0	1
6	Mulcher	1	0	0	0	1	3	23	16	44	44	0	0	0	0	1	5	12	18
7	Fodder chopper cum Loader	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0
8	Rotary Slasher	0	0	0	0	0	0	1	12	13	13	0	0	0	0	0	1	7	8
9	Hay Rake	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	1	0	1
	Total	22	10	12	17	22	17	46	45	191	182	1	7	2	5	12	15	25	67

(Status Report as on 31.03.2019)

Name of Equipment	No. of Applications received									No. of applications disposed as on 31.03.2019	No. of Reports released								
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	Total		2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	Total	
Miscellaneous																			
1	Directional valve (irrigation)	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
2	Disc ridger/Bund Maker	2	1	0	1	2	0	1	0	7	6	0	0	0	0	0	0	0	0
3	Carrot washer	4	1	1	0	0	0	0	0	6	6	0	1	1	0	0	0	0	2
4	Chaff cutter	4	13	4	11	19	24	2	1	78	72	5	5	7	5	18	8	0	48
5	Chaff cutter & loader (electricity driven)	1	0	0	0	1	0	4	2	8	3	0	0	0	0	0	0	1	1
6	Chaff cutter & loader cum loader (Tractor driven)	0	0	0	0	0	3	6	2	11	7	0	0	0	0	0	2	0	2
7	Mud loader	5	0	0	0	1	0	0	0	6	0	0	0	0	0	0	0	0	0
8	Post hole digger	4	0	0	0	1	2	0	0	7	7	0	0	0	0	0	1	0	1
9	Sugarcane cutter	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
10	Tipping trolley (hydraulic)	7	0	1	0	2	0	0	0	10	0	0	0	0	0	0	0	0	0
11	Cotton picker	1	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
12	Cutter blade	2	0	0	1	0	0	0	0	3	0	0	0	0	0	0	0	0	0
13	Tractor mounted combine	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
14	Sugarcane Loader	0	0	0	1	0	0	0	0	1	1	0	0	0	1	0	0	0	1
15	Sugarcane Infielder	0	0	0	1	0	0	0	0	1	1	0	0	1	0	0	0	0	1
16	Hook for tractor trailer	0	0	0	1	0	0	0	0	1	1	0	0	0	1	0	0	0	1
17	Kinu Gardening	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
18	Compost Spreader	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
19	Seed Cleaner	0	0	0	1	0	0	0	0	1	1	0	0	0	1	0	0	0	1
20	Seed cleaner cum grader	0	0	0	3	0	0	0	0	3	1	0	0	0	1	0	0	0	1
21	Winnowing Fan	0	0	0	0	5	0	1	0	6	0	0	0	0	0	0	0	0	0
22	Cage Wheel	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
23	Brush Cutter	0	0	0	0	1	1	0	0	2	2	0	0	0	1	1	0	0	2
24	Chain Saw	0	0	0	0	1	0	0	0	1	1	0	0	0	0	1	0	0	1
25	Bioacoustic Equipment Harmony	0	0	0	0	2	0	0	0	2	2	0	0	0	0	1	0	0	1
26	Management Device	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
27	Potato Grader	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	0
28	Shocking Machine (Birds & Animals)	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
29	Solar operated Micro Irrigation	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	1	1
	Total	34	15	7	22	38	31	16	5	168	113	5	6	8	11	21	11	2	64

Test Reports Released during 2018-19

Sl. No.	Name of the Machine	No. of Test Reports Released
1.	Cultivator	3
2.	Disc harrow	5
3.	Rotavator	31
4.	Plough	19
5.	Sub-soiler	1
6.	Power Harrow	1
7.	Seed cum fertilizer drill	1
8.	Zero Till seed cum fertilizer till	19
9.	Happy Seeder	25
10.	Modified happy Seeder	1
11.	Super Happy Seeder	3
12.	Potato Planter	1
13.	Wheat Straw Reaper	2
14.	Mulcher	12
15.	Rotary Slasher	7
16.	Paddy Straw Chopper	4
17.	Paddy Thresher	2
18.	Fertilizer Broadcaster	1
19.	chaff cutter (Electricity driven)	1
20.	Solar operated Micro Irrigation Applicator	1
	Total	140

Test Reports Released upto 31.03.2019

Sl.No.	Name of the Machine	No. of Test Reports Released
1.	Plough	27
2.	Sub-soiler	4
3.	Cultivator	51
4.	Disc harrow	47
5.	Rotavator	136
6.	Power Harrow	4
7.	Seed cum fertilizer drill	39
8.	Zero Till seed cum fertilizer till	58
9.	Bt. Cotton planter	40
10.	Direct sowing of rice drill	8
11.	Maize Planter	3
12.	Happy Seeder	38
13.	Potato Planter	9
14.	Raised Bed Vegetable Planter	1
15.	Tractor operated sprayer	52
16.	Tractor operated sprayer (1000ltr.)	1
17.	Aeroblast sprayer	2
18.	Manual sprayer	15
19.	Rotary Weeder	2
20.	Tractor operated Fertilizer Broadcaster	4
21.	Potato Digger	12
22.	Vertical conveyer reaper	11
23.	Self propelled VCR	1
24.	Paddy thresher	14
25.	Wheat thresher	8
26.	Maize Sheller	11
27.	Straw reaper	24
28.	Paddy Chopper cum spreader	14
29.	Hay Rake	1
30.	Rotary Slasher	8
31.	Straw Baler	1
32.	Mulcher	18
33.	Carrot washer	2
34.	Chaff cutter	48
35.	Post Hole Digger	1
36.	Tractor operated Chaff Cutter	2
37.	Seed Pre-cleaner	1
38.	Seed grader	1
39.	Sugarcane Infielder	1
40.	Sugarcane Loader	1
41.	Towing Hook	1
42.	Sugarcane leaf chopper & spreader	1
43.	Brush Cutter	2
44.	Chain Saw	1
45.	Bioacoustic Equipment	1
46.	Chaff cutter (Electricity driven)	1
47.	Solar operated Micro Irrigation Applicator	1
	Total	729