

**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 31.03.2018)**

Name of Equipment	No. of Applications received									No. of applications disposed as on 31.03.2018	No. of Reports released						
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Total	2012-13		2013-14	2014-15	2015-16	2016-17	2017-18	Total	
1 Tillage implements	203	112	60	68	119	62	121	745	684	35	13	36	45	41	38	208	
2 Levelling equipments	24	8	8	5	2	1	2	50	0	0	0	0	0	0	0	0	
3 Sowing equipments	218	95	56	47	47	21	46	530	438	52	31	07	25	15	18	148	
4 Plant protection equipments	70	42	44	38	25	14	20	253	245	15	34	20	4	0	1	74	
5 Harvesting machinery	29	15	9	7	11	5	7	83	59	11	05	1	3	0	4	24	
6 Threshing machinery	45	33	22	16	33	24	22	195	54	0	07	13	1	10	0	31	
7 Straw management machinery	22	10	12	17	23	17	46	147	114	1	07	02	05	12	15	42	
8 Miscellaneous	34	15	7	22	38	31	16	163	109	5	06	08	11	21	11	62	
<b>Total</b>	<b>645</b>	<b>330</b>	<b>218</b>	<b>220</b>	<b>298</b>	<b>175</b>	<b>280</b>	<b>2166</b>	<b>1703</b>	<b>119</b>	<b>103</b>	<b>87</b>	<b>94</b>	<b>99</b>	<b>87</b>	<b>589</b>	

**Percentage of applications disposed-off =  $(1428/1887)*100 = 75.67\%$**



(Status Report as on 31.03.2018)

Name of Equipment	No. of Applications received								No. of applications disposed as on 31.03.2018	No. of Reports released							
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Total		2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Total	
<b>Sowing equipments</b>																	
1	Seed cum fertilizer drill	43	37	16	12	8	3	10	129	125	12	3	1	12	5	5	38
2	Zero till seed cum fertilizer drill	68	24	9	13	14	6	10	144	122	11	11	0	5	9	3	39
3	Bt. Cotton planter	61	15	4	3	4	4	3	94	90	23	10	3	0	0	3	39
4	Direct Sowing planter	8	4	8	2	6	2	1	31	20	0	5	3	0	0	0	8
5	Happy seeder	19	2	1	1	2	0	13	38	38	6	0	0	0	0	6	12
6	Maize planter	2	1	0	3	0	0	0	6	5	0	0	0	3	0	0	3
7	Multicrop planter	6	4	7	0	2	4	2	25	5	0	0	0	0	0	0	0
8	Potato planter	5	5	5	5	6	2	6	34	29	0	2	0	5	1	0	8
9	Raised bed planter	3	1	1	2	0	0	0	7	0	0	0	0	0	0	0	0
10	Sugarcane cutter planter	2	1	2	1	0	0	0	6	0	0	0	0	0	0	0	0
11	Paddy transplanter	1	0	2	1	0	0	0	4	2	0	0	0	0	0	0	0
12	Ridger seeder	0	1	0	2	0	0	0	3	0	0	0	0	0	0	0	0
13	Groundnut planter	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
14	Carrot Sowing Machine	0	0	0	1	3	0	0	4	0	0	0	0	0	0	0	0
15	Raised bed Vegetable planter	0	0	0	1	0	0	0	1	1	0	0	0	0	0	1	1
16	Pneumatic Planter	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
17	Rota seeder	0	0	0	0	1	0	1	2	0	0	0	0	0	0	0	0
18	Manual rice transplanter	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0
	<b>Total</b>	<b>218</b>	<b>95</b>	<b>56</b>	<b>47</b>	<b>47</b>	<b>21</b>	<b>46</b>	<b>531</b>	<b>438</b>	<b>52</b>	<b>31</b>	<b>7</b>	<b>25</b>	<b>15</b>	<b>18</b>	<b>148</b>

(Status Report as on 31.03.2018)

Name of Equipment	No. of Applications received									No. of applications disposed as on 31.03.2018	No. of Reports released						
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Total	2012-13		2013-14	2014-15	2015-16	2016-17	2017-18	Total	
<b>Plant protection equipments</b>																	
1	Tractor operated sprayer (400 to 500 lits)	61	34	25	16	11	7	8	162	162	15	26	9	2	0	0	52
2	Tractor operated sprayer (1000 lits)	0	2	5	1	1	0	0	9	9	0	1	0	0	0	0	1
3	Self propelled light weight sprayer	2	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
4	Power spray pumps	1	3	1	0	3	2	0	10	10	0	0	0	0	0	0	0
5	Weeders (Tractor operated)	4	1	1	0	0	0	5	11	7	0	2	0	0	0	0	2
6	Self propelled weeder (power weeder)	2	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0
7	Aeroblast sprayer	0	1	0	11	6	0	0	18	18	0	0	2	0	0	0	2
8	Boom sprayer	0	0	1	1	0	0	0	2	2	0	0	0	0	0	0	0
9	Fertilizer broadcaster	0	0	1	0	1	1	1	4	3	0	1	0	0	0	1	2
10	Manual sprayers	0	0	10	9	3	3	4	29	29	0	4	9	2	0	0	15
11	Power sprayers with Engine	0	0	0	0	0	1	2	3	3	0	0	0	0	0	0	0
	<b>Total</b>	<b>70</b>	<b>42</b>	<b>44</b>	<b>38</b>	<b>25</b>	<b>14</b>	<b>20</b>	<b>253</b>	<b>245</b>	<b>15</b>	<b>34</b>	<b>20</b>	<b>4</b>	<b>0</b>	<b>1</b>	<b>74</b>

(Status Report as on 31.03.2018)

Name of Equipment	No. of Applications received								No. of applications disposed as on 31.03.2018	No. of Reports released							
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Total		2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Total	
<b>Harvesting machinery</b>																	
1	Tractor front mounted reaper	24	8	4	1	3	0	0	40	28	10	1	0	0	0	0	11
2	Self propelled vertical conveyor reaper	0	2	0	0	0	0	1	2	1	1	0	0	0	0	0	1
3	Ground nut digger	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	Potato digger	4	5	4	5	7	5	6	36	30	0	4	1	3	0	4	12
5	Carrot digger	0	0	1	1	0	0	0	2	0	0	0	0	0	0	0	0
6	Groundnut stripper cum straw collector	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
	<b>Total</b>	<b>29</b>	<b>15</b>	<b>9</b>	<b>7</b>	<b>11</b>	<b>5</b>	<b>7</b>	<b>82</b>	<b>59</b>	<b>11</b>	<b>5</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>4</b>	<b>24</b>

(Status Report as on 31.03.2018)

Name of Equipment		No. of Applications received							No. of applications disposed as on 31.03.2018	No. of Reports released							
		2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18		Total	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Total
<b>Threshing machinery</b>																	
1	Harambha thresher	7	0	6	2	1	1	1	18	0	0	0	0	0	0	0	0
2	Paddy thresher	14	12	8	5	5	6	7	57	35	0	7	5	0	0	0	12
3	Maize sheller	4	8	0	1	5	6	4	28	1	0	0	0	1	10	0	11
4	Multicrop thresher	15	1	4	3	16	7	8	54	0	0	0	0	0	0	0	0
5	Wheat thresher	4	10	3	4	5	2	1	29	18	0	0	8	0	0	0	8
6	Power thresher	1	2	0	0	0	0	0	3	0	0	0	0	0	0	0	0
7	Feeding chute	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
8	Reaper Binder	0	0	0	1	1	0	1	3	0	0	0	0	0	0	0	0
9	Groundnut Thresher	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
10	Castor Thresher	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
	<b>Total</b>	<b>45</b>	<b>33</b>	<b>22</b>	<b>16</b>	<b>33</b>	<b>24</b>	<b>22</b>	<b>195</b>	<b>54</b>	<b>0</b>	<b>7</b>	<b>13</b>	<b>1</b>	<b>10</b>	<b>0</b>	<b>31</b>

(Status Report as on 31.03.2018)

Name of Equipment	No. of Applications received								No. of applications disposed as on 31.03.2018	No. of Reports released							
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Total		2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Total	
<b>Straw management machinery</b>																	
1	Stubble shaver	3	0	1	0	1	1	0	6	0	0	0	0	0	0	0	0
2	Straw reaper	13	9	11	13	5	7	8	66	59	0	7	2	5	3	5	22
3	Paddy Straw Chopper cum spreader	2	0	0	4	13	5	12	36	36	0	0	0	0	8	2	10
4	Straw baler	2	1	0	0	0	1	1	5	5	0	0	0	0	0	1	1
5	Sugarcane leaf chopper cum spreader	1	0	0	0	2	0	0	3	1	1	0	0	0	0	0	1
6	Mulcher	1	0	0	0	1	3	23	28	11	0	0	0	0	1	5	6
7	Fodder chopper cum Loader	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
8	Rotary Slasher	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1
9	Hay Rake	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1
	<b>Total</b>	<b>22</b>	<b>10</b>	<b>12</b>	<b>17</b>	<b>23</b>	<b>17</b>	<b>46</b>	<b>147</b>	<b>114</b>	<b>1</b>	<b>7</b>	<b>2</b>	<b>5</b>	<b>12</b>	<b>15</b>	<b>42</b>

**(Status Report as on 31.03.2018)**

Name of Equipment		No. of Applications received								No. of applications disposed as on 31.03.2018	No. of Reports released						
		2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Total		2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Total
<b>Miscellaneous</b>																	
1	Directional valve (irrigation)	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
2	Disc ridger/Bund Maker	2	1	0	1	2	0	1	7	6	0	0	0	0	0	0	0
3	Carrot washer	4	1	1	0	0	0	0	6	5	0	1	1	0	0	0	2
4	Chaff cutter	4	13	4	11	19	24	2	77	72	5	5	7	5	18	8	48
5	Chaff cutter & loader (electricity driven)	1	0	0	0	1	0	4	6	2	0	0	0	0	0	0	0
6	Chaff cutter & loader cum loader (Tractor driven)	0	0	0	0	0	3	6	9	7	0	0	0	0	0	2	0
7	Mud loader	5	0	0	0	1	0	0	6	0	0	0	0	0	0	0	0
8	Post hole digger	4	0	0	0	1	2	0	7	7	0	0	0	0	0	1	1
9	Sugarcane cutter	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
10	Tipping trolley (hydraulic)	7	0	1	0	2	0	0	10	0	0	0	0	0	0	0	0
11	Cotton picker	1	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0
12	Cutter blade	2	0	0	1	0	0	0	3	0	0	0	0	0	0	0	0
13	Tractor mounted combine	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
14	Sugarcane Loader	0	0	0	1	0	0	0	1	1	0	0	0	1	0	0	1
15	Sugarcane Infielder	0	0	0	1	0	0	0	1	1	0	0	0	1	0	0	1
16	Hook for tractor trailer	0	0	0	1	0	0	0	1	1	0	0	0	1	0	0	1
17	Kinu Gardening	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
18	Compost Spreader	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
19	Seed Cleaner	0	0	0	1	0	0	0	1	1	0	0	0	1	0	0	1
20	Seed cleaner cum grader	0	0	0	3	0	0	0	3	1	0	0	0	1	0	0	1
21	Winnowing Fan	0	0	0	0	5	0	1	6	0	0	0	0	0	0	0	0
22	Cage Wheel	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
23	Brush Cutter	0	0	0	0	1	1	0	2	2	0	0	0	1	1	0	2
24	Chain Saw	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	1
25	Bioacoustic Equipment Harmony	0	0	0	0	2	0	0	2	2	0	0	0	0	1	0	1
26	Management Device	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
27	Potato Grader	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0
28	Shocking Machine (Birds & Animals)	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
29	Solar operated Micro Irrigation	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
<b>Total</b>		<b>34</b>	<b>15</b>	<b>7</b>	<b>22</b>	<b>38</b>	<b>31</b>	<b>16</b>	<b>163</b>	<b>109</b>	<b>5</b>	<b>6</b>	<b>8</b>	<b>11</b>	<b>21</b>	<b>11</b>	<b>62</b>



**Test Reports Released during 2017-18**

<b>Sl. No.</b>	<b>Name of the Machine</b>	<b>No. of Test Reports Released</b>
1.	Cultivator	2
2.	Disc harrow	7
3.	Rotavator	22
4.	Seed cum fertilizer drill	5
5.	Zero Till seed cum fertilizer till	3
6.	Chaff cutter	8
7.	Tractor operated chaff cutter	2
8.	Raised Bed Vegetable Planter	1
9.	Mulcher	5
10.	Wheat Straw Reaper	5
11.	Potato Digger	4
12.	Bt. Cotton Planter	3
13.	Happy Seeder	6
14.	Power Harrow	3
15.	Rotary Slasher	1
16.	Straw Baler	1
17.	Fertilizer Broadcaster	1
18.	Plough	4
19.	Hay Rake	1
20.	Paddy Straw Chopper	2
21.	Post Hole Digger	1
	<b>Total</b>	<b>87</b>

### Test Reports Released upto 31.03.2018

Sl.No.	Name of the Machine	No. of Test Reports Released
1.	Plough	8
2.	Sub-soiler	3
3.	Cultivator	48
4.	Disc harrow	41
5.	Rotavator	105
6.	Power Harrow	3
7.	Seed cum fertilizer drill	38
8.	Zero Till seed cum fertilizer till	39
9.	Bt. Cotton planter	40
10.	Direct sowing of rice drill	8
11.	Maize Planter	3
12.	Happy Seeder	12
13.	Potato Planter	8
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	1
21.	Potato Digger	12
22.	Vertical conveyer reaper	11
23.	Self propelled VCR	1
24.	Paddy thresher	12
25.	Wheat thresher	8
26.	Maize Sheller	11
27.	Straw reaper	22
28.	Paddy Chopper cum spreader	10
29.	Hay Rake	1
30.	Rotary Slasher	1
31.	Straw Baler	1
32.	Mulcher	6
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
	<b>Total</b>	<b>589</b>