

ID	If your operation is this:	Use this TDISC implement	and a second TDISC implement	and a third TDISC implement	and a fourth TDISC implement
1	Aerator, field surface, ground driven	AERATOR			
2	Aerator, field surface, ground driven 0 degree offset	AERATOR			
3	Aerator, field surface, ground driven 10 degree offset	AERATOR			
4	Aerator, field surface, ground driven 5 degree offset	AERATOR			
5	Aerator, offset	AERATOR, TANDEM DRUM, ANGLE>5			
6	Aerator, single drum, lugs, angle 0	AERATOR			
7	Aerator, tandem drum, lugs, angle 10	AERATOR, TANDEM DRUM, ANGLE>5			
8	Aerator, tandem drum, lugs, angle 5	AERATOR, TANDEM DRUM, ANGLE>5			
9	Bed shaper	BED SHAPING, BEDDER SHAPER			
10	Bed shaper high disturbance	BED SHAPING, FURROW DIKER			
11	Bed shaper, 12 inch	BED SHAPING, BEDDER SHAPER			
12	Bed shaper, 12 inch, low flattening	BED SHAPING, BEDDER SHAPER			
13	Bed shaper, low flattening, high disturbance	BED SHAPING, FURROW DIKER			
14	Bedder, disk hiller	BED SHAPING, BEDDER DISK/DISK-HIPPER, DEPTH LE4.5IN			
15	Bedder, hipper, disk hiller	BED SHAPING, BEDDER DISK/DISK-HIPPER, DEPTH LE4.5IN			
16	Bedder, hipper, hiller 12 inch high	BED SHAPING, BEDDER DISK/DISK-HIPPER, DEPTH GT4.5IN			
17	Bedder, hipper, hiller 15 inch high	BED SHAPING, BEDDER DISK/DISK-HIPPER, DEPTH GT4.5IN			
18	Bedder, hipper, hiller 18 inch high	BED SHAPING, BEDDER DISK/DISK-HIPPER, DEPTH GT4.5IN			
19	Chisel plow, coulter, straight points	PLOW, COULTER-CHISEL			
20	Chisel plow, coulter, straight points, cover disks	PLOW, COULTER-CHISEL			
21	Chisel plow, coulter, straight points, cover disks, rolling basket	PLOW, COULTER-CHISEL			
22	Chisel plow, coulter, sweeps	PLOW, COULTER-CHISEL			
23	Chisel plow, coulter, twisted points	PLOW, COULTER-CHISEL			
24	Chisel plow, coulter, twisted points, cover disks	PLOW, COULTER-CHISEL			
25	Chisel plow, disk, straight points	PLOW, COULTER-CHISEL			
26	Chisel plow, disk, straight points, cover disks	PLOW, COULTER-CHISEL			
27	Chisel plow, disk, twisted points	PLOW, COULTER-CHISEL			
28	Chisel plow, disk, twisted points, cover disks	PLOW, COULTER-CHISEL			
29	Chisel, 12-16 inch low crown sweep 3 to 4 inch depth	HARROW, DISK, CHISEL (MULCH TILLER)			
30	Chisel, straight point	HARROW, DISK, CHISEL (MULCH TILLER)			
31	Chisel, straight point 12 inch deep	PLOW, CHISEL			
32	Chisel, straight point 15 inch deep	PLOW, CHISEL			
33	Chisel, straight point 5 inch deep	HARROW, DISK, CHISEL (MULCH TILLER)			
34	Chisel, straight point 5 inch deep, coil tine harrow	HARROW, DISK, CHISEL (MULCH TILLER)			
35	Chisel, straight point, coil tine harrow	HARROW, DISK, CHISEL (MULCH TILLER)	HARROW, COILED TINES		
36	Chisel, sweep shovel	HARROW, DISK, CHISEL (MULCH TILLER)			
37	Chisel, sweep shovel 5 inch depth	HARROW, DISK, CHISEL (MULCH TILLER)			
38	Chisel, sweep shovel 5 inch depth, coil tine harrow	HARROW, DISK, CHISEL (MULCH TILLER)	HARROW, COILED TINES		
39	Chisel, sweep shovel, coil tine harrow	HARROW, DISK, CHISEL (MULCH TILLER)	HARROW, COILED TINES		
40	Chisel, twisted shovel	PLOW, CHISEL			
41	Chisel, twisted shovel, coil tine harrow	HARROW, DISK, CHISEL (MULCH TILLER)			
42	Chisel, winged with furrow diker	PLOW, COULTER-CHISEL			
43	Corrugated roller or packer	CULTIVATOR, CULTIWEEDER			
44	Coulter caddy, double gang with fluted coulters	CULTIVATOR, ROTARY HOE			
45	Coulter caddy, with fluted coulters	CULTIVATOR, ROTARY HOE			
46	Coulter caddy, with smooth coulters	CONDITIONER, COULTER CADDY, SMOOTH COULTERS			
47	Coulter tiller	HARROW, DISK, CHISEL (MULCH TILLER)			
48	Coulter tiller and spike harrow	HARROW, DISK, CHISEL (MULCH TILLER)	HARROW, SPIKE TOOTH OR SPRING TOOTH		
49	Coulter tiller, 10 degree angle, coiled tine harrow, rolling basket	HARROW, DISK, CHISEL (MULCH TILLER)	HARROW, COILED TINES	HARROW, ROLLING	
50	Cover crop underseeder	PLANTER, INTER/OVER SEEDER			
51	Cultimulcher	ROLLER, CULTI-MULCHER			
52	Cultipacker, pulverizer	ROLLER, CULTI-PACKER/PULVERIZER			
53	Cultipacker, roller	ROLLER, CULTI-MULCHER			
54	Cultivator, between beds, add residue	CULTIVATOR, ROW			
55	Cultivator, field 6-12 inch shovels Central	CULTIVATOR, FIELD			
56	Cultivator, field 6-12 inch sweeps	CULTIVATOR, FIELD			
57	Cultivator, field 6-12 inch sweeps, coil tine harrow	CULTIVATOR, FIELD	HARROW, COILED TINES		

58	Cultivator, field w/ spike points	CULTIVATOR, FIELD		
59	Cultivator, field w/ spike points, coil tine harrow	CULTIVATOR, FIELD	HARROW, COILED TINES	
60	Cultivator, flame	HARROW, COILED TINES		
61	Cultivator, hipper, disk hiller on beds, depth GT4.5IN	BED SHAPING, BEDDER DISK/DISK-HIPPER, DEPTH GT4.5IN		
62	Cultivator, hipper, disk hiller on beds, depth LE4.5IN	BED SHAPING, BEDDER DISK/DISK-HIPPER, DEPTH LE4.5IN		
63	Cultivator, off bar w/disk hillers on beds, depth GT4.5IN	BED SHAPING, BEDDER DISK/DISK-HIPPER, DEPTH GT4.5IN		
64	Cultivator, off bar w/disk hillers on beds, depth LE4.5IN	BED SHAPING, BEDDER DISK/DISK-HIPPER, DEPTH LE4.5IN		
65	Cultivator, rotary	ROTO-TILLER, ROTO-TILLER DIGGER, ROTERRA		
66	Cultivator, rotary on beds	ROTO-TILLER, ROTO-TILLER DIGGER, ROTERRA		
67	Cultivator, rotary on beds; Bedder, hipper, disk hiller	ROTO-TILLER, ROTO-TILLER DIGGER, ROTERRA	BED SHAPING, BEDDER DISK/DISK-HIPPER	
68	Cultivator, row - 1st pass ridge till	CULTIVATOR, ROW		
69	Cultivator, row - 2nd pass ridge till	CULTIVATOR, ROW		
70	Cultivator, row 1 inch ridge	CULTIVATOR, ROW		
71	Cultivator, row 3 inch ridge	CULTIVATOR, ROW		
72	Cultivator, row between beds	CULTIVATOR, ROW		
73	Cultivator, row, high residue	CULTIVATOR, ROW		
74	Culti-weeder	CULTIVATOR, CULTIWEEDER		
75	Disc-o-vator	HARROW, DISK, SINGLE	HARROW, SPIKE TOOTH OR SPRING TOOTH	
76	Disk, inter row strips	HARROW, DISK, SINGLE	HARROW, SPIKE TOOTH OR SPRING TOOTH	
77	Disk, offset, heavy	HARROW, DISK, OFFSET, HEAVYDUTY		
78	Disk, offset, heavy 12 inch depth	HARROW, DISK, OFFSET, HEAVYDUTY		
79	Disk, offset, heavy 15 inch depth	HARROW, DISK, OFFSET, HEAVYDUTY		
80	Disk, offset, heavy, roller, corrugated packer	HARROW, DISK, OFFSET, HEAVYDUTY	CULTIVATOR, CULTIWEEDER	
81	Disk, offset, heavy, roller, smooth	HARROW, DISK, OFFSET, HEAVYDUTY		
82	Disk, offset, light	HARROW, DISK, OFFSET, LIGHTDUTY		
83	Disk, single gang	HARROW, DISK, SINGLE		
84	Disk, tandem heavy primary operation	HARROW, DISK, TANDEM, HEAVYDUTY		
85	Disk, tandem heavy primary operation, roller, smooth	HARROW, DISK, TANDEM, HEAVYDUTY		
86	Disk, tandem light finishing	HARROW, DISK, TANDEM, LIGHTDUTY		
87	Disk, tandem secondary operation	HARROW, DISK, TANDEM, LIGHTDUTY		
88	Do all (Dual)	FINISHER, LANDOLL, DO-ALL		
89	Do all, on beds	FINISHER, LANDOLL, DO-ALL		
90	Drill or air seeder single disk openers 7-10 inch spacing	PLANTER, DRILL, AIR DELIVERY	HARROW, DISK, SINGLE	
91	Drill or air seeder single disk openers, fertilizer openers 7-10 inch spacing	PLANTER, DRILL, AIR DELIVERY	HARROW, DISK, SINGLE	
92	Drill or air seeder T-slot openers 7-10 inch spacing	PLANTER, DRILL, AIR DELIVERY	HARROW, COILED TINES	
93	Drill or air seeder, 4 inch stealth openers on 12 inch spacing	PLANTER, DRILL, AIR DELIVERY	HARROW, FINISHING	
94	Drill or air seeder, 6 inch stealth openers on 12 inch spacing	PLANTER, DRILL, AIR DELIVERY	HARROW, FINISHING	
95	Drill or air seeder, combo field cult, double disk openers	PLANTER, DRILL, AIR DELIVERY	CULTIVATOR, FIELD	HARROW, DISK, TANDEM, LIGHTDUTY
96	Drill or air seeder, combo single disk-hoe openers, 10 inch spacing	PLANTER, DRILL, AIR DELIVERY	HARROW, DISK, SINGLE	
97	Drill or air seeder, double disk	PLANTER, DRILL, AIR DELIVERY	HARROW, DISK, TANDEM, LIGHTDUTY	
98	Drill or air seeder, double disk opener w/ fluted coulter 5x10 paired row	PLANTER, DRILL, AIR DELIVERY	HARROW, DISK, TANDEM, LIGHTDUTY	
99	Drill or air seeder, double disk opener, w/ fertilizer openers	PLANTER, DRILL, AIR DELIVERY	HARROW, DISK, TANDEM, LIGHTDUTY	
100	Drill or air seeder, double disk, w/ fluted coulters	PLANTER, DRILL, AIR DELIVERY	HARROW, DISK, TANDEM, LIGHTDUTY	
101	Drill or air seeder, hoe opener in heavy residue	PLANTER, DRILL, AIR DELIVERY	HARROW, DISK, CHISEL (MULCH TILLER)	
102	Drill or air seeder, hoe opener inch heavy residue w/ fertilizer openers	PLANTER, DRILL, AIR DELIVERY	HARROW, DISK, CHISEL (MULCH TILLER)	
103	Drill or air seeder, hoe/chisel openers 12-15 inch spacing	PLANTER, DRILL, AIR DELIVERY	HARROW, DISK, CHISEL (MULCH TILLER)	
104	Drill or air seeder, hoe/chisel openers 12-15 inch spacing w/ fertilizer openers	PLANTER, DRILL, AIR DELIVERY	HARROW, DISK, CHISEL (MULCH TILLER)	
105	Drill or air seeder, hoe/chisel openers 6-12 inch spacing	PLANTER, DRILL, AIR DELIVERY	HARROW, DISK, CHISEL (MULCH TILLER)	
106	Drill or air seeder, hoe/chisel openers 6-12 inch spacing w/fertilizer openers	PLANTER, DRILL, AIR DELIVERY	HARROW, DISK, CHISEL (MULCH TILLER)	
107	Drill or air seeder, offset double disk openers	PLANTER, DRILL, AIR DELIVERY	HARROW, DISK, OFFSET, LIGHTDUTY	
108	Drill or air seeder, paired, opposing single disk openers 6x9 inch spacing	PLANTER, DRILL, AIR DELIVERY	HARROW, DISK, TANDEM, LIGHTDUTY	
109	Drill or air seeder, sweep or band opener	PLANTER, DRILL, AIR DELIVERY	CULTIVATOR, ROW	
110	Drill, deep furrow 12 to 18 inch spacing	PLANTER, DRILL, DISCGRAIN	CULTIVATOR, FURROW-OUT	
111	Drill, deep furrow 7 to 10 inch spacing	PLANTER, DRILL, DISCGRAIN	CULTIVATOR, FURROW-OUT	
112	Drill, double disk, 7-8 inch packer Central	PLANTER, DRILL, DISCGRAIN	HARROW, DISK, TANDEM, LIGHTDUTY	

113	Drill, double disk, orchard vineyard cover	PLANTER, DRILL, DISCGRAIN	HARROW, DISK, TANDEM, LIGHTDUTY		
114	Drill, heavy, direct seed, double disk opener	PLANTER, DRILL, DISCGRAIN	HARROW, DISK, TANDEM, LIGHTDUTY		
115	Drill, heavy, direct seed, double disk opener w/row cleaners	PLANTER, DRILL, DISCGRAIN	HARROW, DISK, TANDEM, LIGHTDUTY		
116	Drill, semi-deep furrow 12 to 18 inch spacing	PLANTER, DRILL, DISCGRAIN	CULTIVATOR, FURROW-OUT		
117	Fertilizer applicator anhydrous knife 12 inches	NUTRIENT MGMT: FERT APPL, ANYHD KNIFE			
118	Fertilizer applicator anhydrous knife 12 inches, coil tine harrow	NUTRIENT MGMT: FERT APPL, ANYHD KNIFE	HARROW, COILED TINES		
119	Fertilizer applicator anhydrous knife 15 inch spacing	NUTRIENT MGMT: FERT APPL, ANYHD KNIFE			
120	Fertilizer applicator anhydrous knife 15 inch spacing high disturbance	NUTRIENT MGMT: FERT APPL, SHANK			
121	Fertilizer applicator anhydrous knife 15 inch spacing high disturbance, coil tine harrow	NUTRIENT MGMT: FERT APPL, SHANK	HARROW, COILED TINES		
122	Fertilizer applicator anhydrous knife 15 inch spacing, coil tine harrow	NUTRIENT MGMT: FERT APPL, ANYHD KNIFE	HARROW, COILED TINES		
123	Fertilizer applicator anhydrous knife 30 inch spacing	NUTRIENT MGMT: FERT APPL, ANYHD KNIFE			
124	Fertilizer applicator anhydrous knife 30 inch spacing, bedded	NUTRIENT MGMT: FERT APPL, ANYHD KNIFE			
125	Fertilizer applicator anhydrous, low disturbance single disk opener, 30 inch spacing	NUTRIENT MGMT: FERT APPL, ANYHD KNIFE	HARROW, DISK, SINGLE		
126	Fertilizer applicator anhydrous, minimal disturbance precision placement, 30 inch spacing	NUTRIENT MGMT: FERT APPL, PRECISION			
127	Fertilizer applicator coulter, high pressure inject 12 inches	NUTRIENT MGMT: FERT APPL, COULTER			
128	Fertilizer applicator deep placement heavy shank	NUTRIENT MGMT: FERT APPL, SHANK			
129	Fertilizer applicator double shot knife 15 inch spacing high disturbance	NUTRIENT MGMT: FERT APPL, SHANK			
130	Fertilizer applicator shallow anhydrous knife 38 inch spacing	NUTRIENT MGMT: FERT APPL, ANYHD KNIFE			
131	Fertilizer applicator shank low disturbance, 12 inches	NUTRIENT MGMT: FERT APPL, SHANK			
132	Fertilizer applicator shank low disturbance, 12 inches, coil tine harrow	NUTRIENT MGMT: FERT APPL, SHANK	HARROW, COILED TINES		
133	Fertilizer applicator shank low disturbance, 15 inch spacing	NUTRIENT MGMT: FERT APPL, SHANK			
134	Fertilizer applicator single disk opener, low disturbance, 30 inch spacing	NUTRIENT MGMT: FERT APPL, PRECISION	HARROW, DISK, SINGLE		
135	Fertilizer applicator, strip-till 30 inch spacing	NUTRIENT MGMT: FERT APPL, STRIP TILL			
136	Float	FINISHING, FLOAT			
137	Furrow diker	CULTIVATOR, FURROW-OUT			
138	Furrow shaper, torpedo	BED SHAPING, BEDDER SHAPER			
139	Harrow, coiled tine	HARROW, COILED TINES			
140	Harrow, coiled tine weeder	HARROW, COILED TINES			
141	Harrow, disk chain	HARROW, DISK, SINGLE			
142	Harrow, heavy	HARROW, DISK, SINGLE			
143	Harrow, heavy on heavy residue	HARROW, DISK, SINGLE			
144	Harrow, rolling	HARROW, ROLLING			
145	Harrow, rotary	HARROW, POWERED SPIKE TOOTH			
146	Harrow, rotary paddle wheel and spike gangs	HARROW, POWERED SPIKE TOOTH			
147	Harrow, rotary, light, fluff fragile residue	HARROW, FLEX-TINE			
148	Harrow, rotary, light, fluff residue	HARROW, FLEX-TINE			
149	Harrow, spike tooth	HARROW, SPIKE TOOTH OR SPRING TOOTH			
150	Harrow, spike tooth, cover seed	HARROW, SPIKE TOOTH OR SPRING TOOTH			
151	Harrow, tine, on beds	HARROW, COILED TINES			
152	Harvest, corn	HARVEST, GRAIN			
153	Harvest, corn silage with cover crop	HARVEST, FORAGE			
154	Harvest, forage sorghum	HARVEST, FORAGE			
155	Harvest, grass or legume seed, remove forage	HARVEST, OILSEEDS			
156	Harvest, hay, grass	HARVEST, FORAGE			
157	Harvest, hay, legume	HARVEST, FORAGE			
158	Harvest, hay, no regrowth	HARVEST, FORAGE			
159	Harvest, oilseeds, combine	HARVEST, OILSEEDS			
160	Harvest, residue, forage chopper, complete	RESIDUE MGMT: STALK PULLER CHOPPER			
161	Harvest, silage	HARVEST, FORAGE			
162	Harvest, silage 3-foot stubble	HARVEST, FORAGE			
163	Harvest, small grain haylage 5 inch height	HARVEST, FORAGE			
164	Harvest, small grain silage with cover crop	HARVEST, FORAGE			
165	Harvest, small grain, release understory	HARVEST, GRAIN			

166	Hipper	BED SHAPING, HIPPER			
167	Land plane	LEVELING, LAND PLANE-LEVELER			
168	Lister, 30 inch	PLANTER, LISTER-BEDDER			
169	Lister, 30 inch with fertilizer applicator	PLANTER, LISTER-BEDDER			
170	Lister, 40 inch	PLANTER, LISTER-BEDDER			
171	Lister, 40 inch with fertilizer applicator	PLANTER, LISTER-BEDDER			
172	Manure injector, liquid high disturbance 30 inch	NUTRIENT MGMT: MANURE INJECTOR			
173	Manure injector, liquid low disturbance 15 inch	NUTRIENT MGMT: MANURE INJECTOR			
174	Manure injector, liquid low disturbance 30 inch	NUTRIENT MGMT: MANURE INJECTOR			
175	Manure injector, low disturbance 15 inch	NUTRIENT MGMT: MANURE INJECTOR			
176	Manure injector, low disturbance 30 inch	NUTRIENT MGMT: MANURE INJECTOR			
177	Marker (cultivator)	CULTIVATOR, MARKER			
178	Middle buster, digger	CULTIVATOR, MIDDLE-BUSTER, GT5IN			
179	Mulch treader	RESIDUE MGMT: MULCH TREADER			
180	Multiweeder	WEED MGMT: MULTI-WEEDER OR ROD WEEDER			
181	Packer	ROLLER, PACKER			
182	Para-plow or para-till	PLOW, PARAPLOW			
183	Planter, double disk opener w/fluted coulter	PLANTER, REGULAR	HARROW, DISK, TANDEM, LIGHTDUTY		
184	Planter, furrow opener 4 inch deep furrows	PLANTER, REGULAR	CULTIVATOR, FURROW-OUT		
185	Planter, furrow opener 6 inch deep furrows	PLANTER, REGULAR	BED SHAPING, FURROW DIKER		
186	Planter, furrow opener 8 inch deep furrows	PLANTER, REGULAR	HARROW, DISK, TANDEM, HEAVYDUTY		
187	Planter, in-row subsoiler	PLANTER, REGULAR	CULTIVATOR, ROW		
188	Planter, in-row subsoiler low disturbance	PLANTER, REGULAR	CONDITIONER, ROW		
189	Planter, in-row subsoiler w/ residue managers	PLANTER, REGULAR	CULTIVATOR, ROW		
190	Planter, narrow slot w/smooth or rippled coulter	PLANTER, NO-TILL			
191	Planter, RELAY INTERCROP, double disk opener	PLANTER, INTER/OVER SEEDER	HARROW, DISK, TANDEM, LIGHTDUTY		
192	Planter, ridge till	PLANTER, RIDGE TILL			
193	Planter, runner opener	PLANTER, REGULAR			
194	Planter, strip till	PLANTER, STRIP TILL			
195	Planter, strip till, 22 inch	PLANTER, STRIP TILL			
196	Planter, strip till, shallow subsoiler	PLANTER, STRIP TILL			
197	Planter, strip till, subsoiler	PLANTER, STRIP TILL			
198	Plow, deep, large, moldboard	PLOW, MOLDBOARD			
199	Plow, disk	PLOW, DISK			
200	Plow, Levee-plow (or Border Plow)	CULTIVATOR, MIDDLE-BUSTER, GT5IN			
201	Plow, moldboard	PLOW, MOLDBOARD			
202	Plow, moldboard 10 inch depth	PLOW, MOLDBOARD			
203	Plow, moldboard 6-7 inch depth	PLOW, MOLDBOARD			
204	Plow, moldboard, conservation	PLOW, MOLDBOARD			
205	Plow, moldboard, up hill	PLOW, MOLDBOARD			
206	Plow, reversible	PLOW, MOLDBOARD			
207	Power mulcher bed conditioner	RESIDUE MGMT, POWER MULCHER			
208	Reel disk vertical tiller	CONDITIONER, COULTER CADDY, SMOOTH COULTERS	HARROW, SPIKE TOOTH OR SPRING TOOTH	HARROW, ROLLING	
209	Residue conditioner, coil tine harrow, rolling basket	HARROW, FLEX-TINE	HARROW, COILED TINES	HARROW, ROLLING	
210	Residue, row cleaner	RESIDUE MGMT, TRASH WHEEL			
211	Ripper	RIPPER/SUBSOILER			
212	Ripper, deep ripper-subsoiler	RIPPER/SUBSOILER			
213	Ripper, intra row	CULTIVATOR, ROW			
214	Ripper, intra row and furrow diker	CULTIVATOR, FURROW-OUT			
215	Rodweeder	WEED MGMT: MULTI-WEEDER OR ROD WEEDER			
216	Rodweeder, harrow, spike tooth	WEED MGMT: MULTI-WEEDER OR ROD WEEDER			
217	Roller harrow	HARROW, ROLLING			
218	Roller packer, flat roller	ROLLER, PACKER			
219	Roller, corrugated packer	ROLLER, PACKER			
220	Roller, corrugated packer 6 by 16	ROLLER, PACKER			
221	Roller, crimp, cover crop	ROLLER, CRIMPER			
222	Roller, on beds	ROLLER, PACKER			
223	Roller, packer, flat roller	ROLLER, PACKER			
224	Roller, residue	ROLLER, PACKER			
225	Roller, residue incorporator	ROLLER, CULTI-MULCHER			
226	Roller, row shaper	ROLLER, PACKER			
227	Roller, smooth	ROLLER, PACKER			

228	Rolling basket incorporator	HARROW, ROLLING			
229	Rolling cultivator, GE15 ft	CULTIVATOR, ROLLING			
230	Rotary hoe	CULTIVATOR, ROTARY HOE			
231	Rotary hoe, on heavy soil	CULTIVATOR, ROTARY HOE			
232	Rotary hoe, residue	CULTIVATOR, ROTARY HOE			
233	Roterra	ROTO-TILLER, ROTO-TILLER DIGGER, ROTERRA			
234	Rototiller, field, add residue	ROTO-TILLER, ROTO-TILLER DIGGER, ROTERRA			
235	Rototiller, on beds	ROTO-TILLER, ROTO-TILLER DIGGER, ROTERRA			
236	Rototiller, row cultivation add residue	ROTO-TILLER, ROTO-TILLER DIGGER, ROTERRA			
237	Rototiller, row cultivator	ROTO-TILLER, ROTO-TILLER DIGGER, ROTERRA			
238	Rotovator-bedder	CULTIVATOR, ROTOVATOR-BEDDER			
239	Row conditioner	CONDITIONER, ROW			
240	Rubber wheel weed puller	WEED MGMT: RUBBER-WHEEL WEED PULLER			
241	Sandfighter	CULTIVATOR, SAND-FIGHTER			
242	Scalper	WEED MGMT: SCALPER			
243	Scarifier	CONDITIONER, FIELD			
244	Scraper/pan/grader, clearing/cutting	LEVELING, LAND PLANE-LEVELER			
245	Seedbed conditioner: coil tine harrow, rolling basket	HARROW, COILED TINES	HARROW, ROLLING		
246	Seedbed conditioner: coultter caddy (smooth), coil tine harrow	CONDITIONER, COULTER CADDY, SMOOTH COULTERS	HARROW, COILED TINES		
247	Seedbed conditioner: coultter caddy (smooth), coil tine harrow, rolling basket	CONDITIONER, COULTER CADDY, SMOOTH COULTERS	HARROW, COILED TINES	HARROW, ROLLING	
248	Seedbed conditioner: coultter caddy (smooth), field cult, spike harrow	CONDITIONER, COULTER CADDY, SMOOTH COULTERS	CULTIVATOR, FIELD	HARROW, SPIKE TOOTH OR SPRING TOOTH	
249	Seedbed conditioner: coultter caddy (smooth), rotary harrow	CONDITIONER, COULTER CADDY, SMOOTH COULTERS	HARROW, POWERED SPIKE TOOTH		
250	Seedbed conditioner: coultter caddy (smooth), rotary harrow, rolling basket	CONDITIONER, COULTER CADDY, SMOOTH COULTERS	HARROW, POWERED SPIKE TOOTH	HARROW, ROLLING	
251	Seedbed conditioner: coultter caddy (smooth), spike harrow	CONDITIONER, COULTER CADDY, SMOOTH COULTERS	HARROW, SPIKE TOOTH OR SPRING TOOTH		
252	Seedbed conditioner: coultter caddy (smooth), spike harrow, rolling basket	CONDITIONER, COULTER CADDY, SMOOTH COULTERS	HARROW, SPIKE TOOTH OR SPRING TOOTH	HARROW, ROLLING	
253	Seedbed conditioner: coultter caddy (fluted), coil tine harrow	CULTIVATOR, ROTARY HOE	HARROW, COILED TINES		
254	Seedbed conditioner: coultter caddy (fluted), coil tine harrow, rolling basket	CULTIVATOR, ROTARY HOE	HARROW, COILED TINES	HARROW, ROLLING	
255	Seedbed conditioner: coultter caddy (fluted), field cult, spike harrow	CULTIVATOR, ROTARY HOE	CULTIVATOR, FIELD	HARROW, SPIKE TOOTH OR SPRING TOOTH	
256	Seedbed conditioner: coultter caddy (fluted), rotary harrow	CULTIVATOR, ROTARY HOE	HARROW, POWERED SPIKE TOOTH		
257	Seedbed conditioner: coultter caddy (fluted), rotary harrow, rolling basket	CULTIVATOR, ROTARY HOE	HARROW, POWERED SPIKE TOOTH	HARROW, ROLLING	
258	Seedbed conditioner: coultter caddy (fluted), spike harrow	CULTIVATOR, ROTARY HOE	HARROW, SPIKE TOOTH OR SPRING TOOTH		
259	Seedbed conditioner: coultter caddy (fluted), spike harrow, rolling basket	CULTIVATOR, ROTARY HOE	HARROW, SPIKE TOOTH OR SPRING TOOTH	HARROW, ROLLING	
253	Seedbed finisher, single disk, rotary harrow	HARROW, DISK, SINGLE	HARROW, POWERED SPIKE TOOTH		
254	Seedbed finisher: coil tine harrow	HARROW, COILED TINES			
255	Seedbed finisher: coil tine harrow, rolling basket	HARROW, COILED TINES	HARROW, ROLLING		
256	Seedbed finisher: rotary harrow	HARROW, POWERED SPIKE TOOTH			
257	Seedbed finisher: single disk, coil tine harrow	HARROW, DISK, SINGLE	HARROW, COILED TINES		
258	Seedbed finisher: spike harrow, rolling basket	HARROW, SPIKE TOOTH OR SPRING TOOTH	HARROW, ROLLING		
259	Seeder, corrugated packer	PLANTER, AIR-DELIVERY	CULTIVATOR, CULTIWEEDER		
260	Seeder, dormant, corrugated packer	PLANTER, AIR-DELIVERY	CULTIVATOR, CULTIWEEDER		
254	Shred residue, 6 inch stubble	RESIDUE MGMT: MULCH TREADER			
255	Single disk	HARROW, DISK, SINGLE			
256	Slip plow 48 to 60 inches deep	RIPPER/SUBSOILER			
257	Soil aerator	AERATOR			
258	Soil finisher: field cult, chop, spike harrow, rolling basket	CULTIVATOR, FIELD	RESIDUE MGMT: STALK PULLER CHOPPER	HARROW, SPIKE TOOTH OR SPRING TOOTH	HARROW, ROLLING
259	Soil finisher: field cult, coil tine harrow, rolling basket	CULTIVATOR, FIELD	HARROW, COILED TINES	HARROW, ROLLING	
260	Soil finisher: field cultivator, mulch treader	CULTIVATOR, FIELD	RESIDUE MGMT: MULCH TREADER		
261	Soil finisher: field cultivator, rotary harrow	CULTIVATOR, FIELD	HARROW, POWERED SPIKE TOOTH		
255	Soil finisher: single disk, field cultivator, coil tine harrow	CULTIVATOR, FIELD	HARROW, DISK, SINGLE	HARROW, COILED TINES	
256	Soil finisher: single disk, field cultivator, coil tine harrow, rolling basket	CULTIVATOR, FIELD	HARROW, DISK, SINGLE	HARROW, COILED TINES	HARROW, ROLLING
257	Soil finisher: single disk, rotary harrow	HARROW, DISK, SINGLE	HARROW, POWERED SPIKE TOOTH		
258	Spader	SPADER, GT4IN			
259	Spader, shallow depth	SPADER, SHALLOW, LE4IN			

260	Stalk chopper, rolling	RESIDUE MGMT: STALK PULLER CHOPPER		
261	Stalk chopper, rolling, light disturbance	RESIDUE MGMT: STALK PULLER CHOPPER		
262	Stalk chopper, rolling, on ridgetill ridges	RESIDUE MGMT: STALK PULLER CHOPPER		
256	Stalk chopper, rolling, strip	RESIDUE MGMT: STALK PULLER CHOPPER		
257	Stalk chopper, rotary	RESIDUE MGMT: STALK PULLER CHOPPER		
258	Stalk chopper, strip rotary	RESIDUE MGMT: STALK PULLER CHOPPER		
259	Stalk puller	RESIDUE MGMT: STALK PULLER CHOPPER		
260	Stalk puller high disturbance	RESIDUE MGMT: STALK PULLER CHOPPER		
261	S-Tine Cultivator	HARROW, FLEX-TINE		
262	Strip till bed conditioner	CONDITIONER, ROW		
263	Strip tiller w/ middlebuster on beds	CULTIVATOR, MIDDLE-BUSTER, LE5IN		
257	Subsoil disk ripper	RIPPER/SUBSOILER		
258	Subsoil disk ripper, coulter smooth, rolling basket	RIPPER/SUBSOILER		
259	Subsoil disk ripper, roller smooth	RIPPER/SUBSOILER		
260	Subsoiler	RIPPER/SUBSOILER		
261	Subsoiler bedder (ripper/hipper)	RIPPER/SUBSOILER		
262	Subsoiler leveler	LEVELING, LEVELER		
263	Subsoiler ripper, 24 to 40 inches deep	RIPPER/SUBSOILER		
264	Subsoiler, 12 foot spacing	CULTIVATOR, ROW		
258	Subsoiler, in row	CULTIVATOR, ROW		
259	Subsoiler, in row strip conditioner	CULTIVATOR, ROW		
260	Subsoiler, in row strip conditioner, 40 inch row	CULTIVATOR, ROW		
261	Subsoiler, inline heavy shanks with coulter caddy	RIPPER/SUBSOILER		
262	Subsoiler, inline with coulter caddy	RIPPER/SUBSOILER		
263	Subsoiler, rolling stalk chopper, roller, mulch treader	RIPPER/SUBSOILER		
264	Subsoiler, wide spacing	CULTIVATOR, ROW		
265	Subsoiler; stalk chopper, rolling basket	RIPPER/SUBSOILER		
259	Sweep plow 20-40 inch wide	PLOW, SWEEP		
260	Sweep plow wider than 40 inch w/ mulch treader	PLOW, SWEEP		
261	Sweep plow, under bed	PLOW, SWEEP		
262	Sweep plow, wider than 40 inches	PLOW, SWEEP		
263	Sweep, single under row	PLOW, SWEEP		
264	Sweep, single under row, regrow perennial	PLOW, SWEEP		
265	Triple K	CULTIVATOR, TRIPLE-K		
266	V-Ripper	RIPPER/SUBSOILER		