

# Indiana 4-H/FFA Crops CDE

## Seed Identification

101 Alfalfa	124 Field pennycress	147 Redroot pigweed
102 Alsike clover	125 Flax	148 Reed canarygrass
103 Barley	126 Foxtail (Giant, Green, or Yellow)	149 Rice
104 Barnyardgrass	127 Grain sorghum	150 Rye
105 Bindweed	128 Giant ragweed	151 Ryegrass
106 Birdsfoot trefoil	129 Hairy vetch	152 Shepherdspurse
107 Bitter wintercress	130 Hard red winter wheat	153 Smooth bromegrass
108 Buckhorn plantain	131 Horsenettle	154 Soft red winter wheat
109 Burcucumber	132 Jimsonweed	155 Soybean
110 Canada thistle	133 Johnsongrass	156 Sudangrass
111 Canola	134 Kentucky bluegrass	157 Sweetcorn
112 Common cocklebur	135 Korean lespedeza	158 Sweetclover
113 Common lambsquarters	136 Large crabgrass	159 Tall fescue
114 Common milkweed	137 Maretail	160 Timothy
115 Common ragweed	138 Morningglory	161 Triticale
116 Crownvetch	139 Oat	162 Trumpetcreeper
117 Curly dock	140 Orchardgrass	163 Velvetleaf
118 Dandelion	141 Oxeye daisy	164 White wheat
119 Dent corn	142 Pennsylvania smartweed	165 White clover
120 Downy brome	143 Perennial sowthistle	166 Wild buckwheat
121 Durum wheat	144 Popcorn	167 Wild carrot
122 Eastern black nightshade	145 Quackgrass	168 Wild garlic
123 Fall panicum	146 Red clover	169 Wild mustard

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## Insect, Disease and Damage Identification

201 Aphid	215 European corn borer	229 Phytophthora root rot
202 Alfalfa weevil	216 Frogeye leaf spot	230 Potassium deficiency
203 Armyworm	217 Grasshopper	231 Purple seed stain
204 Blacktip	218 Gray leaf spot	232 Small grain smut
205 Black cutworm	219 Green damage	233 Sprout damage
206 Blue eye mold	220 Heat damage	234 Sound grain
207 Brown leaf spot	221 Insect damage	235 Southern corn leaf blight
208 Brown stem rot	222 Japanese beetle	236 Stinkbug
209 Common rust	223 Lady Beetle	237 Sudden death syndrome
210 Corn flea beetle	224 Leafhopper	238 Two-spotted spider mite
211 Corn smut	225 Manganese deficiency	239 Western corn rootworm
212 Downy mildew	226 Northern corn leaf blight	240 White mold
213 Ear rot	227 Nitrogen deficiency	241 Wireworm
214 Ergot	228 Phosphorus deficiency	

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## Plant Identification

301 Alfalfa	326 Giant ragweed	351 Redroot pigweed
302 Alsike clover	327 Grain sorghum	352 Reed canarygrass
303 Barley	328 Hairy vetch	353 Rye
304 Barnyardgrass	329 Hedge bindweed	354 Ryegrass
305 Birdsfoot trefoil	330 Hemp dogbane	355 Shattercane
306 Buckhorn plantain	331 Hophornbeam copperleaf	356 Shepherd's purse
307 Burcucumber	332 Horsenettle	357 Smooth bromegrass
308 Canada thistle	333 Ivyleaf morningglory	358 Soybean
309 Canola	334 Jimsonweed	359 Sudangrass
310 Cantaloupe	335 Johnsongrass	360 Sweetclover
311 Common cocklebur	336 Kentucky bluegrass	361 Tall fescue
312 Common lambsquarters	337 Korean lespedeza	362 Tall morningglory
313 Common ragweed	338 Large crabgrass	363 Tall waterhemp
314 Corn	339 Marestalk	364 Timothy
315 Crownvetch	340 Mint (Spearmint or Peppermint)	365 Tomato
316 Curly dock	341 Oat	366 Trumpet creeper
317 Dandelion	342 Orchardgrass	367 Velvetleaf
318 Downy brome	343 Oxeye daisy	368 Wheat
319 Eastern black nightshade	344 Palmer amaranth	369 White clover
320 Fall panicum	345 Pennsylvania smartweed	370 Wild buckwheat
321 Field bindweed	346 Perennial sowthistle	371 Wild carrot
322 Field pennycress	347 Prickly sida	372 Wild garlic
323 Field sandbur	348 Pumpkin	373 Wild mustard
324 Foxtail (Giant, Green, or Yellow)	349 Quackgrass	374 Yellow nutsedge
325 Garlic mustard	350 Red clover	

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### Machinery and Equipment Identification

401	Anhydrous applicator with tank	412	Field cultivator	423	PTO shaft
402	Articulated tractor	413	Grain drill (includes no-till)	424	Rotary hoe
403	Bale wagon (kick or flat)	414	Grain cart	425	Round baler
404	Broadcast fertilizer spreader	415	Grain Head for combine	426	Row crop cultivator
405	Chisel plow	416	Gravity wagon	427	Skid steer
406	Combine (may be displayed w/harvesting head attached)	417	Hay mower/conditioner (disk, reel/drawn or self-propelled)	428	Sprayer
407	Conveyor/Elevator/Auger	418	Hay rake (reel or wheel)	429	Square baler (large or small)
408	Corn head for combine	419	Hay tedder	430	Vegetable transplanter
409	Disk	420	Hitch pin	431	V-ripper
410	Disk chisel	421	Hydraulic cylinder/hose		
411	Drawn planter	422	Moldboard plow		