

7th and 8th Grade Agriscience (Revised April 2023)

PURPOSE

To promote the growth of knowledge of 7th and 8th grade FFA members within the various areas of agriculture. Eligibility/Rules This Career Development will be open to 7th and 8th grade members who are enrolled in the agricultural education program at some point during the current school year. A contestant must be an active (dues paying) member of a chartered FFA chapter in good standing with the West Virginia FFA Association. Members from the team that previously won this 7th and 8th Grade Agriscience Knowledge Career Development Event are ineligible to compete. Each school may send ONE TEAM that meets the above guidelines to participate.

ELIGIBILITY

The participant must be an active member of a chartered West Virginia FFA Chapter and enrolled in grades 7th and 8th. Each chapter may enter one team.

EVENT PROCEDURE

The event will be a team event consisting of four students. A team may compete with less than 4 members. FFA members will wear at minimum a white button down (short sleeve preferred) shirt, black jeans, and boots.

Under no circumstances will any participants be allowed to handle any of the items in the identification portion of the practicums. Any infraction of this rule will result in team elimination from the event.

No FFA advisors/coaches will be allowed in the area of the contest, but arrangements will be made to view the specimens following the contest.

EVENT MATERIALS

MATERIALS STUDENTS MUST PROVIDE

- Pencils
- Clipboards

INDIVIDUAL PRACTICUMS

IDENTIFICATION

| | |
|---|--------|
| Category A | |
| Weed Identification | 10 pts |
| Plant Identification | 10 pts |
| Seed Identification | 5 pts |
| Category B | |
| Breed Identification – Dogs | 5 pts |
| Breed Identification – Cattle and Sheep | 10 pts |
| Breed Identification – Horses and Swine | 10 pts |
| Category C | |
| Ag Mechanics Tool Identification | 25 pts |
| Category D | |
| FFA History & Knowledge | 25 pts |

TIE BREAKER:

Score on FFA Knowledge will break tie.

FFA History & Knowledge Question's will come from questions posted on WV FFA website.

Category A – Plant Component – Twenty-Five Points

Part One – Students will be asked to identify ten weeds from the list provided below:

| | |
|-----|---------------------|
| 001 | Alfalfa |
| 002 | Broadleaf Plantain |
| 003 | Canada Thistle |
| 004 | Chicory |
| 005 | Chrickweed |
| 006 | Crown Vetch |
| 007 | Dandelion |
| 008 | Goldenrod |
| 009 | Ironweed |
| 010 | Jimsonweed |
| 011 | Johnson grass |
| 012 | Lambsquarter |
| 013 | Morning Glory |
| 014 | Multiflora Rose |
| 015 | Orchard Grass |
| 016 | Perennial Rye Grass |
| 017 | Pokeweed |
| 018 | Purslane |
| 019 | Ragweed |
| 020 | Smartweed |
| 021 | Timothy |
| 022 | White Clover |
| 023 | Wild Carrot |
| 024 | Wild Onion |

Part Two – Students will be asked to identify ten plants from the list provided below

Economically Important Plants

| | |
|-----|------------------------|
| 025 | African Violet |
| 026 | Big Leaf Hydrangea |
| 027 | Christmas Cactus |
| 028 | Coleus |
| 029 | Daffodil |
| 030 | Day Lily |
| 031 | “Decors” Rubber Plant |
| 032 | English Ivy |
| 033 | Heartleaf Philodendron |
| 034 | Impatiens |
| 035 | Jade Plant |
| 036 | Marigold |
| 037 | Pansy |
| 038 | Peony |
| 039 | Petunia |
| 040 | Poinsettia |
| 041 | Shasta Daisy |
| 042 | Snake Plant |
| 043 | Snapdragon |
| 044 | Spider Plant |
| 045 | Tulip |
| 046 | Verbena |
| 047 | Wandering Jew |
| 048 | Wax Begonia |

Part Three – Students will be asked to identify five seeds from the list provided below

| | Seeds (LIVE) | |
|------------|--------------|--------------|
| 101 Barley | 105 Oats | 108 Sorghum |
| 102 Corn | 106 Rice | 109 Soybeans |
| 103 Cotton | 107 Rye | 110 Wheat |
| 104 Millet | | |

Category B – Animal Science Component – Twenty-Five Points

Part One – Identification of Cattle and Sheep Breeds Students will be asked to identify a total of ten different breeds from the list below

CATTLE

| Beef/Dairy | | |
|-----------------|---------------|---------------------|
| 151 Angus | 155 Charolais | 159 Limousine |
| 152 Ayrshire | 156 Guernsey | 160 Polled Hereford |
| 153 Brahman | 157 Holstein | 161 Simmental |
| 154 Brown Swiss | 158 Jersey | 162 Shorthorn |
| Sheep and GOATS | | |
| 161 Cheviot | 165 Suffolk | 168 Nubian |
| 162 Hampshire | 166 Dorset | 169 Alpine |
| 163 Leichester | 167 Boer | 170 Lamancha |
| 164 Rambouillet | | |

Part Two – Identification of Horse and Swine Breeds Students will be asked to identify a total of ten different breeds from the list below

| Swine | | |
|-------------------|---------------|--------------------------|
| 201 Berkshire | 204 Hampshire | 207 Poland China |
| 202 Chester White | 205 Hereford | 208 Spotted Poland China |
| 203 Duroc | 206 Landrace | 209 Yorkshire |

| Horses | | |
|--------------------|-------------------|----------------------|
| 210 American Paint | 214 Clydesdale | 217 Standardbred |
| 211 Appaloosa | 215 Palomino | 218 Tennessee Walker |
| 212 Arabian | 216 Quarter Horse | 219 Thoroughbred |
| 213 Belgian | | |

| Dogs | | |
|-----------------------------|-----------------------|---------------------|
| 251 American Cocker Spaniel | 255 Border Collie | 258 German Shepherd |
| 252 Basset Hound | 256 Doberman Pinscher | 259 Great Pyrenees |
| 253 Beagle | 257 English Setter | 260 Welsh Corgi |
| 254 Black and Tan Coonhound | | |

Category C – Ag Mech. Small Tool Identification – Twenty-Five Points

Students will identify 25 tools from the provided list below

| | |
|-----|----------------------------------|
| 301 | Adjustable Wrench |
| 302 | Ball Peen Hammer |
| 303 | Belt Sander |
| 304 | Bolt Cutter |
| 304 | C Clamp |
| 305 | Calipers |
| 306 | Carpenter's Square |
| 307 | Channel Lock/Groove Joint Pliers |
| 308 | Circular Saw |
| 309 | Cold Chisel |
| 310 | Combination Square |
| 311 | Coping Saw |
| 312 | Curved Claw Hammer |
| 313 | Disc Grinder |
| 314 | Electric Drill |
| 315 | Extension |
| 316 | Feeler Gauge |
| 317 | Finishing Trowel |
| 318 | Flat File |
| 319 | Hacksaw |
| 320 | Hex (Allen) Key |
| 321 | Jig Saw |
| 322 | Level |
| 323 | Long Nose Pliers |
| 324 | Multimeter |
| 325 | Oil Filter Wrench |
| 326 | Open End Wrench |
| 327 | Orbital Sander |
| 328 | Phillips Screwdriver |
| 329 | Pipe Cutter |
| 330 | Pipe Wrench |
| 331 | Plumb Bob |
| 332 | Pry/Ripping Bar |
| 333 | Ratchet Handle |
| 334 | Reciprocating Saw |
| 335 | Ripping Claw Hammer |
| 336 | Round File |
| 337 | Router (Handheld) |
| 338 | Rubber Mallet |
| 339 | Screw Extractor |
| 340 | Sledge Hammer |
| 341 | Slip Joint Pliers |
| 342 | Soapstone |
| 343 | Sockets |
| 344 | Speed Square |
| 345 | Standard Screwdriver |
| 346 | Step Bit |
| 347 | Tap and Die |
| 348 | Tape Measure |
| 349 | Torx Screwdriver |

