

FFA - AGRICULTURAL MECHANICS

Entries Close: September 12th, 2025 - 5p.m.

Entry Fee: NONE- per entry per class

Limit: Six (6) entries per class per exhibitor in

Division 1-12, and 13-19

Exhibits Received: Tuesday Sept. 16th. 5pm- 8pm

Location Received: Van Dam Building

Exhibits Released: Monday, September 29th, 2-7pm

Danish System of Judging

Exhibitors may sell projects at the Fair, minus Fair Commission.

For information about FFA contact:

Antelope Valley High School - 942-6684

Littlerock High School - 944-5209

Palmdale High School - 273-3181

RULES:

1. Students entering exhibits in Agricultural Mechanics must be regularly enrolled in a High School that follows the California State Plan for Vocational Agriculture.
2. Although the exhibits do not need to be owned by the exhibitor, all must be the products of students as a regular part of their instruction in the Agricultural classes for the past year.
3. The student exhibitor must have been at least a major contributor to the building or repairing of the exhibit. No entry may be shown for more than one calendar year.
4. An article may not be entered in more than one class and the exhibitor may not exhibit more than one article from the same pattern.
5. Display cards for Division 10 and 11 must be filled out and attached to each exhibit, correctly labeling the exhibit, and giving a brief summary of the student exhibitor's project.

***NEW Exhibitors may enter up to 6 items in the miscellaneous all other categories in each division**

FARM & HORTICULTURE EQUIPMENT CONSTRUCTED Small Projects

Entry Fee: None per entry per class

Ribbons offered: 1st – 3rd Place

DIVISION 1 (10301)

FFA WOODWORK - Small Projects

CLASS:

1. Hog Panel
2. Mineral Supply Kit
3. Rabbit Nest Box
4. Grain Feeder, Small
5. Planter, Small
6. Sign, Small
7. Shelf, Small
8. Trellis
9. Any Woodwork Item not listed (up to 6 entries)

DIVISION 2 (10302)

FFA SHEET METAL

CLASS:

1. Feed Scoop
2. Any Sheet Metal Item not listed (up to 6 entries)

DIVISION 3 (10303)

FFA WELDING & FORGING

CLASS:

1. Chipping Hammer
2. Hay Hooks
3. Steel Post Driver
4. Welding Rod Holder
5. Metal Rose
6. Horseshoe Art
7. Any Welding & Forging Item not listed (up to 6 entries)

DIVISION 4 (10304)

FFA ELECTRICAL

CLASS:

1. Extension cord
2. Lamp
3. Any Electrical Item not listed (up to 6 entries)

DIVISION 5 (10305)

FFA ROPE WORK

CLASS:

1. Adjustable Halter
2. Rope Work Display Board, 3 knot minimum
3. Any Rope Item not listed (up to 6 entries)

DIVISION 6 (10306)

UPCYCLE CONSTRUCTION (using more than 60% reclaimed materials for the project)

CLASS:

1. Agricultural structure made from reclaimed wood
2. Birdhouse made from reclaimed wood
3. Planter boxes made from reclaimed wood
4. Tool storage made from reclaimed wood
5. Miscellaneous item made from reclaimed wood
6. Agriculture/Horticulture item made from recycled concrete
7. Agriculture/Horticulture item made from combination of recycled materials

DIVISION 7 (10307)

PARTS ART (using tractor, equipment, or garden tool parts to produce art)

CLASS:

1. Small item (under 6 inches)
2. Medium item (6 inches to 12 inches)
3. Large item (over 12 inches)

DIVISION 8 (10308)

GARDEN ART

CLASS:

1. Garden Art made from wood
2. Garden Art made from concrete
3. Garden Art made from metal
4. Garden Art made from a combination of materials
5. Garden Art made from material not listed

FARM & HORTICULTURE EQUIPMENT CONSTRUCTED Medium Project

Entry Fee: None per entry per class

Ribbons offered: 1st – 3rd Place**DIVISION 9 (10309)**

FFA WOODWORK- Medium Project

CLASS:

1. Farm Gate, small
2. Grain Feeder
3. Hay Feeder
4. Large Planter
5. Saddle Rack
6. Sawhorses
7. Sheep Panel
8. Show Box
9. Planter Box, large
10. Any Woodwork Item not listed (up to 6 entries)

DIVISION 10 (10310)

FFA WELDING

CLASS:

1. Gambrel, adjustable
2. Water Trough
3. Welded Gate, Small
4. Welding Sawhorse
5. Any Welding Item not listed (up to 6 entries)

FARM & HORTICULTURE EQUIPMENT CONSTRUCTED Large Projects

Entry Fee: None per entry per class

Ribbons offered: 1st – 3rd Place

DIVISION 11 (10311)

FFA FARM EQUIPMENT CONSTRUCTED

CLASS:

1. Barbecue
2. Farm Gate, large
3. General Purpose Trailer, two wheels
4. Grain Feeder, large and complex type
5. Patio Furniture
6. Any Farm Equipment not listed (up to 6 entries)

REPAIRED FARM & HORTICULTURE EQUIPMENT

Entry Fee: None per entry per class

Ribbons offered: 1st – 3rd Place

DIVISION 12 (10312)

FFA TOOL FITTINGS

CLASS:

1. Hammer and similar handle replacement
2. Shovel and similar handle replacement
3. Reconditioning & sharpening
4. Any tool fitting items not listed (up to 6 entries)

DIVISION 13 (10313)

FFA ENGINE REPAIR Minor*

Entry Fee: None per entry per class

Ribbons offered: 1st – 3rd Place

CLASS:

1. Minor repair of engine* *to be determined by the judges based upon pictures and a brief summary of the student's involvement and extent of repair.

DIVISION 14 (10314)

FFA ENGINE REPAIR Major*

Entry Fee: None per entry per class

Ribbons offered: 1st – 3rd Place

CLASS:

1. Major repair of engine* *to be determined by the judges based upon pictures and a brief summary of the student's involvement and extent of repair.

FARM & HORTICULTURE EQUIPMENT DRAWINGS / PLANS AND BILL OF MATERIALS

DIVISION 15 (10315)

FFA SMALL TO MEDIUM PROJECT DRAWINGS

Entry Fee: None per entry per class

Ribbons offered: 1st – 3rd Place

RULES:

Use 8" x 11" plain white paper (no lined paper, graph paper, etc.) Use one sheet to show at least two views of the project. Use pencil to draw the project. Use the bill of materials form supplied by the FFA Ag Mechanics Chairperson to list the material and their cost.

CLASS:

1. Rabbit Nest Box
2. Sawhorse
3. Tool/Nail Carrying Tray
4. Small Planter Box
5. Any Small to Medium Drawing not listed, similar, describe on entry form (up to 6 entries)

DIVISION 16 (10316)

FFA LARGE PROJECT DRAWINGS

Entry Fee: None per entry per class

Ribbons offered: 1st – 3rd Place

RULES:

Use no more than two sheets of 8 1/2" x 11" plain white paper (no lined paper, graph paper, etc.) or equivalent square inches of paper to show at least three views of the project. Use the bill of materials form supplied by the FFA Ag Mechanics Chairperson to list the material and their cost.

CLASS:

1. Barbecue
2. Trailer
3. Patio Furniture, complex
4. Gazebo
5. Any Large Drawing Project not listed, comparable (up to 6 entries)

DIVISION 17 (10317)

FFA AGRICULTURAL MECHANICS MISCELLANEOUS

Entry Fee: None per entry per class

Ribbons offered: 1st – 3rd Place

CLASS:

1. Galvanized or Copper Tubing Plumbing
 2. PVC Plumbing
 3. Topiary
 4. Leather
 5. Masonry
 6. Any not listed (up to 6 entries)
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FFA RECORD BOOK

Contact Neal Weisenberger

Record books must be turned into the Entry office by **August 30.**

Limit: One (1) entry per student. May enter in ONE DIVISION only

Location Received: Entry Office

Exhibits Released: Monday, September 29th, 2 - 7 p.m.

American System of Judging

DIVISION 18 (10318)

FFA RECORD BOOKS FARM ACCOUNT

Entry Fee: None per entry per class

Ribbons offered: 1st – 3rd Place

CLASS:

1. Record book, Vocational Agriculture #1
2. Record book, Vocational Agriculture #2
3. Record book, Vocational Agriculture #3
4. Record book, Vocational Agriculture #4

The journal must be completed for the month of May. Entries made in June & July will not be considered. ALL BOOKS ARE TURNED IN, LAST 2 BOOKS GRADED.

DIVISION 19 (10319)

FFA COMPUTERIZED RECORD BOOKS FARM ACCOUNT

Entry Fee: None per entry per class

Ribbons offered: 1st – 3rd Place

CLASS:

1. Record book, Vocational Agriculture #1
2. Record book, Vocational Agriculture #2
3. Record book, Vocational Agriculture #3
4. Record book, Vocational Agriculture #4

The journal must be completed for the month of June. Entries made in July will not be considered.
ALL BOOKS ARE TURNED IN, LAST 2 BOOKS GRADED