

AET Scenario Test Modesto 2017

General Instructions:

- ✓ Open web browser and visit www.theaet.com
- ✓ Click on “Student Sign In”
- ✓ Enter the “CA9002” for the chapter
- ✓ You will have an individualized username and password. Please enter the following code as BOTH your username and your password:

Student Name _____

FFA Chapter _____

Contestant # _____

Step 1: Update Profile & Participation Information

- You are a junior and have been in the agriculture program for the past three years. During the 2014-15 school year, you were enrolled in Ms. Perry’s Biology and Sustainable Agriculture class. During 2015-16, you are taking Chemistry in Agriculture with Ms. Gaga. As a junior, you are taking Advanced Interdisciplinary Science for Sustainable Agriculture from Mr. Mars.
- You earned the Greenhand FFA Degree in 2014 and the Chapter FFA Degree in 2015.
- You served on the Refreshment Committee as a freshman. This year, you serve as the Chapter Sentinel. Date range is from 8/15/2016 until 6/12/2017.

Step 2: Diversified Crop Production

You have 50 acres of Almond Trees that you are leasing from your father. The cost of the lease is 10% of the profits from the orchard. The lease is to be paid after harvest. The trees are Capitola and Nonpareil and are ten years old. The irrigation system is micro sprinklers and the water source is ground wells equipped with diesel pumps.

Entries to record:

- 1-16-16 – Sprayed weed and mowed excess vegetation in the orchard. 6 hours
- 2-6-16 – Collected a soil and water samples to analyze nutrient levels. You also, repaired a washed out ditch at the end of the property. 8 hours
- 2-21-2016 – Paid to have the orchard pruned. Pruning and removal of brush cost \$120 per acre. Vendor was Tree Care Incorporated.
- 2-26-2016 – Served at the Rotary’s annual Crab Feed. All proceeds went to local charities. 4 hours
- 3-4-16 – Contracted with a Miller Honey Bee’s to bring boxes to pollinate the trees. Almonds require two colonies or boxes per acre. The boxes rent for \$49.95 each.
- 3-16-16- Participated in the local Opening and Closing Contest and earned gold certification for the performance. 2 hours.

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- 3-29-16 - You purchased a new Polaris ATV for use in the orchard. The cost was \$7,589 with an 8.5% sales tax. The salvage value is estimated at \$2,000. Vendor Petrics Cycle.
- 4-2-16 - You are a member of the FFA livestock judging team and the team competed at the Chico State Field Day. 7 hours
- 4-9-16 - Your FFA Livestock judging team competed at the UC Davis field day. The team was 9th place overall. 7 hours
- 4-16-16 - You sold five cords of firewood from some downed trees that blew over in the last storm. The wood sold for \$280 per cord. Wood was sold to LeBron James.
- 5-7-16 and 5-8-16 - You mowed in between trees at your dad's orchard for 20 total hours. He said that he would pay you ten dollars per hour. You asked to trade the labor for what you owe on the lease.
- 5-14-16 - Flushed irrigation lines and made repairs to damage emitters in your orchard. 9 hours.
- 6-3-16 - Harvested your Orchard and it yielded 2833 pounds per acre. The cost of harvesting for labor and equipment rental is \$100 per acre. You will be paid \$2.09 per pound for the nuts. Vendor was Pearl Crop.
- 6-15-17. With some of the profits from harvest you purchased a used nut buggy for \$1,000. It cost \$100 dollars fix the brakes and another \$150 to paint it. The salvage value is estimated at \$400. Vendor was Nor Cal Nuts.
- 9-6-16 - The first FFA meeting of the year was bowling. You messed up on your part of the opening ceremony. 3 hours
- 10-25-16 - You attended the monthly FFA meeting. 3 hours.

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Step 1: Update Profile & Participation Information

- You are a sophomore and have been in the agriculture program for the past two years. During the 2015-16 school year, you were enrolled in Mr. Sheeran’s Introduction to Agriculture class. During 2016-17, you are taking Honors Ag Biology with Ms. Lovato.
- You earned the Greenhand FFA Degree in 2015 and the Chapter FFA Degree in 2016.
- This year, you serve as the Chapter Historian. Date range is from 8/20/2016 until 6/1/2017.

Step 2: Breeding Swine Project

You have crossbred sows that are used to produce roaster pigs for a company called D’Artagan. D’Artagan is famous for providing humanely-raised meats. They process the pigs in a USDA inspected plant and ship them across the United States to be used by restaurants and catering companies. The company has contracted with you for 5 pigs per month weighing between 30 and 60 pounds. You are paid \$2.35 per pound because they animals are treated humanely and you are a local family owned operation. Your accountant has advised you to use IRS Publication 225 the Farmers Tax Guide for all Deprecation schedules using the ADS method.

Entries to record:

- 1-16-16 – Cleaned and sanitized farrowing barn. 5 hours
- 2-6-16 – Delivered 5 pigs to D’Artagans processing plant, the pigs averaged 27 lbs. each.
- 2-21-2016 – Purchased two tons of swine receiving mash at \$242 per ton purchased from Associated feed.
- 2-26-2016 – Volunteered to sorted food at the Sacramento food closet. 4 hours
- 3-4-16 – Purchased two bred York gilts from Huinker York’s in Decora Iowa. The gilts were \$1,000 each and you had to pay Bob May Livestock Transport \$150 each to get them to California. Salvage value of the hogs was estimated to be \$100.
- 3-16-16- Participated in the sectional Public Speaking contest. You won second place in the Impromptu contest. 4 hours.
- 3- 29-16 – Delivered 5 pigs to D’Artagans processing plant, the pigs weighed a combined 155 lbs.

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- 4-1-16-You purchased two stainless steel double sided finishing feeders. They were purchased from usedswineequipment.com at a cost of \$425 but that did not include the 8.5% sales tax. Salvage value was estimated at \$100.
- 4-2-16 -You are a member of the FFA Natural Resource team and the team competed at the Chico State Field Day. Your Mule bucked off his pack. 7 hours
- 4-9-16- Your FFA Natural Resource team competed at the Reedly College field day. The team presentation was on water conservation. The team was 3rd place overall. 7 hours
- 4-10-17- Delivered 5 pigs to D'Artagans processing plant, the pigs averaged 36 lbs. each.
- 4-16-16- You processed a 27 lb. hog to be used at home for your Dad's birthday party. You determined the value of the animal at the D' Artagans contract price.
- 5-7-16 You worked at TACK-IN-THE-BOX SEED & FEED STORE for 8 hours in exchange for a bottle of 500 ml bottle of Dectomax swine de-wormer valued at \$151.95
- 5-14-16- Clipped eye teeth, castrated, and vaccinated piglets. 6 hours.
- 5-20-16 - Delivered 6 pigs to D'Artagans processing plant, the pigs averaged 23 lbs. each.
- 6-3-16- Ordered 3 doses of "Laugh Out Loud" semen from Triple B Sires at \$100 each. Overnight shipping cost an additional \$19.95
- 9-9-16-The first FFA meeting of the year was lawn darts. You messed up on your part of the opening ceremony. 3 hours
- 10- 25-16- You attended the monthly FFA meeting. 3 hours.
- 11-12-16 – Ultra-sounded, vaccinated, and clipped sows preparing them to farrow. 8 hours.
- 12-15-17 – The December FFA meeting featured a screening of the movie ELF. 3 hours.
- 12-25-16 - You were given a Non-current/Capital gift for the holidays. The present was a no freeze outdoor hog waterer valued at \$275. The salvage value is estimated to be \$50.

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- You earned the Greenhand FFA Degree in 2014 and the Chapter FFA Degree in 2015.
- You served on the Refreshment Committee as a freshman. This year, you serve as the Chapter Sentinel. Date range is from 8/15/2016 until 6/12/2017.

Step 2: Diversified Crop Production

You have 50 acers of Almond Trees that you are leasing from your father. The trees are Capitola and Nonpareil and are ten years old. The irrigation system is micro sprinklers and the water source is ground wells equipped with diesel pumps.

Entries to record:

- 1-3-16 – Sprayed weed and mowed excess vegetation in the orchard. 6 hours
- 1-16-16 – Collected a soil and water samples to analyzes nutrient levels. Also, repaired a washed out ditch at the end of the property. 8 hours
- 1-23-2016 – Paid to have the orchard pruned. Pruning and removal of brush cost \$120 per acre.
- 1-31-2016 – Served at the Rotary’s annual Crab Feed. All proceeds went to local charities. 4 hours
- 3-1-16- Participated in the local Opening and Closing Contest. Earned gold certification for the performance.
- Purchased a new Polaris ATV for use in the Orchard. The cost was \$7,589 with a 8.5% sales tax.
- Sold five cords of firewood from some downed trees that blew over in the last storm. The wood sold for \$280 per cord.

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Final Step: PLEASE DO NOT PRINT Fill out Answer Document

Please do not print a report. All answers will be hand written on the Answer Document for Merced 2017 AET Record Book Contest that is attached to this document.

Access the complete record book report to retrieve all answers needed to fill out the answer document. All needed answers are highlighted in yellow.