



# 2025 Kansas State Degree

KS

KS0052

603296892

5



## Student Approval

Applicant Name

Emilee Remmers

Chapter Name

Centre

- I have maintained records to substantiate my supervised agricultural experience program which exhibit comprehensive planning, managerial and financial expertise and will provide these records to my local and state FFA advisors and staff, or their designated representatives, on demand.
- I have prepared this application and certify that the records are true, complete and accurate, and that I hereby permit for publicity purposes the use of any information included in the application.

2/14/2025 2:34:00 PM

Date

Emilee Remmers

Candidate's Signature

## Advisor Approval

- I have reviewed this applicant's supervised agricultural experience (SAE) records and verify they exist and exhibit comprehensive planning, managerial and financial expertise.
- I have verified the application and find that the statements contained herein match the applicants SAE records and are such that I am able to recommend the applicant for the Degree/Award.
- Furthermore, I verify that the applicant has conducted him/herself in a manner to be a credit to the organization, chapter, school and community.

Date

Chapter Advisor Signature

## Parent/Guardian Approval

- I have examined this application and find that the records are true, accurate and complete. We hereby permit for publicity purposes the use of any information included in this application.

2/14/2025 3:26:00 PM

Date

Brandy Remmers brandy4880@gmail.com

Parent/Guardian Signature

## Principal or Superintendent Approval

- I hereby certify this applicant has achieved a high school record of "C" or better and has a satisfactory record of scholarship and participation in school activities.

2/14/2025 3:25:00 PM

Date

Trevor Siebert tsiebert@usd397.com

School Principal or Superintendent



# 2025 Kansas State Degree

**KS**

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**5**



## Applicant Contact Information

Name as you want it to appear on the certificate

**Emilee Remmers**

Gender

**Female**

Address

**2405 290th St.**

City

**Lincolnville**

State

**KS**

Zip Code

**66858**

Email Address

**remmee24@usd397.com**

Parent/Guardian Name

**David Remmers**

Parent/Guardian Occupation

Name on the FFA Chapter Roster (if different)

**Emilee Remmers**

Name Pronunciation

**Emilee Remmers**

Home Phone

**7855610754**

Parent/Guardian Name

**Brandy Remmers**

Parent/Guardian Occupation

## Chapter Information

FFA Chapter Name

**Centre**

School Name

**Centre High School**

School Address

**2374 310TH ST**

School City

**Lost Springs**

School State

**KS**

School Zip Code

**66859**

School Phone

**785-983-4321**

Chapter Advisor(s)

**Jon Meyer; Emma Jacobson**

## FFA History

Year FFA Membership Began

**2020**

Year Received Greenhand Degree

**2021**

Year Received Chapter Degree

**2022**

Had continuous active FFA membership for the past 24 months?

**Yes**

Have your State and National FFA Dues been paid?

**Yes**

## Education Information

High School Graduation Year

**2024**

If not, give date left school

Years of Ag Education Offered (grades 7-12) in high school last attended

**4.00**

Ag Education completed in High School

**Years: 4.00 Hours: 720**

Postsecondary/Vo-Tech Education Completed

**Semesters: Quarters:**

Four-year College Completed

**Semesters: Quarters:**

Major

School Attended

Military Duty - Dates of Full-Time Active Military Duty

World Experiences in Agriculture - Date of International Placement





# 2025 Kansas State Degree

## Basic Award Setup Information

### I. Application Dates

Began Agricultural Education

8/20/2020

Application Ending Date

12/31/2024

### II. SAE Types

☐ Exploratory, Supplemental, or Improvement

☐ Research

☒ Placement

☒ Entrepreneurship

### III. Assets

1. Current/Operating Assets	Value at Beginning Date	Value at Ending Date
a. Cash on hand, checking and savings	\$15	\$13,805
b. Cash value - bonds, stocks, life insurance	\$0	\$0
c. Notes & Accounts Receivable	\$0	\$0
d. Current Inventory (Entrepreneurship Experiences)		Itemized ending inventory values are reported on "Ending Current Inventory" page.
1. Investment in harvesting and growing crops	\$0	
2. Investment in feed, seed, fertilizer, chemical, supplies, prepaid expenses, and other current assets	\$0	
3. Investment in merchandise, crops and animals purchased for resale	\$0	
4. Investment in raised market livestock & poultry	\$0	
2. Non-Current Inventory	Value at Beginning Date	Value at Ending Date
a. Investment in non-depreciable draft, pleasure, and breeding animals	\$0	Itemized ending inventory values are reported on "Ending Non-Current Inventory" page.
b. Investment in depreciable draft, pleasure, and breeding animals	\$50	
c. Investment in depreciable machinery, equipment, and fixtures	\$0	
d. Investment in depreciable land improvements, buildings, and fixtures	\$0	
e. Investment in land	\$0	

IV. Liabilities	Value at Beginning Date	Value at Ending Date
a. Accounts and notes payable	\$0	\$0
b. Current portion of non-current debt (the portion of non-current debt during this calendar year)	\$0	\$0
c. Real Estate Mortgages (total real estate mortgages minus current portions)	\$0	\$0
d. Other non-current liabilities (total other non-current liabilities minus current portions)	\$0	\$0

V. Personal Cash Income & Expense	Total Value
a. Sources of cash gifts	\$100
b. Sources of cash from Ag related (non-SAE) and personal earnings	\$0
c. (Deduct) Total Personal Expense/Draw	\$237
d. (Deduct) Education Expenses Taken Out	\$0





# 2025 Kansas State Degree

## Supervised Agricultural Experience - Placement and Exploratory

### 2021

Pathway	Employer or Project Name Job Title, Responsibilities, or Project Description	Unpaid Hours	Paid Hours	Total Hours	Gross Earnings	Current Expenses
Animal Systems	Animal Health Center of Marion County Kennel Staff: I started this project in May of 2021. My responsibilities when I first started were to take care of the cats and dogs staying at the clinic and cleaning the clinic.		156	156	\$1,323	\$237
	<b>TOTAL</b>		<b>156</b>	<b>156</b>	<b>\$1,323</b>	<b>\$237</b>

### 2022

Pathway	Employer or Project Name Job Title, Responsibilities, or Project Description	Unpaid Hours	Paid Hours	Total Hours	Gross Earnings	Current Expenses
Animal Systems	Animal Health Center of Marion County Kennel Staff/Step-in Tech: I continued this project throughout 2022. Since 2021 I am able to give shots and fluids. Help as a step-in tech since I have more knowledge of what I'm doing. I can now go on farm calls and assist the vet.		151	151	\$1,486	
	<b>TOTAL</b>		<b>151</b>	<b>151</b>	<b>\$1,486</b>	

### 2023

Pathway	Employer or Project Name Job Title, Responsibilities, or Project Description	Unpaid Hours	Paid Hours	Total Hours	Gross Earnings	Current Expenses
Animal Systems	Animal Health Center of Marion County Help as a step-in tech since I have more knowledge of what I'm doing. I can now go on farm calls and assist the vet.		87	87	\$2,639	
Plant Systems	Wildflowers: Herington KS-Placement I am a general employee, and my responsibilities this year was to water and general upkeep of the store, help customers and shadow on doing arrangements. The business/institution that I work is Wildflowers Floral+Gifts. Some everyday activities I perform in my job this year include Watering, taking orders, and helping decorate the store for different seasons. Outcomes for my work in this year included stronger customer relations skills and more confident in my arranging ability.		490	490	\$4,900	
Plant Systems	Serenity Gardens: Hillsboro KS-Placement When I started this SAE I work as an employee that was responsible primarily for watering and helping customers. I helped care for a variety of plant material and herbs. This was a part-time position that it did as a way to gain more experience with growing herds.		16	16	\$160	
	<b>TOTAL</b>		<b>593</b>	<b>593</b>	<b>\$7,699</b>	

### 2024

Pathway	Employer or Project Name Job Title, Responsibilities, or Project Description	Unpaid Hours	Paid Hours	Total Hours	Gross Earnings	Current Expenses
Plant Systems	Wildflowers: Herington KS-Placement I am a general employee, and my responsibilities this year was to water and general upkeep of the store, help customers and doing arrangements. The business/institution that I work is Wildflowers. Some everyday activities I perform in my job this year include Watering, taking orders, and helping decorate the store for different seasons and doing funeral and general arrangements. Outcomes for my work in this year included stronger customer relations skills and having an arrangement ability.		104	104	\$1,040	
Plant Systems	Serenity Gardens: Hillsboro KS-Placement This year as an employee I was responsible for watering, helping customers and pest scouting. I ended this SAE this year as I got busier with my business and the work I was putting into opening up my business and getting established.		30	30	\$300	
	<b>TOTAL</b>		<b>134</b>	<b>134</b>	<b>\$1,340</b>	





# 2025 Kansas State Degree

## Supervised Agricultural Experience - Entrepreneurship

### 2020

Pathway	Name & Description	Size/Scope of Enterprise
Plant Systems	<b>Em's Little Sprouts</b> I was gifted three plants from my mom they were an Aloe Vera and two different jade plants. I water and take care of them about an hour every two weeks. I am still learning the importance of plant nutrients and how to help my plants grow the best. Currently the only responsibility I have is just watering my plants to keep them alive. I am tracking my success in hours and number of plants. I spent a total of 9 hours caring for my plants this year.	3 project

### 2021

Pathway	Name & Description	Size/Scope of Enterprise
Plant Systems	<b>Em's Little Sprouts</b> I have three plants, an Aloe Vera and two different jade plants. I still water and take care of them about an hour every two weeks. I have also learned how to fertilize my plants and what nutrients are needed to help them grow. My responsibilities currently are watering and fertilizing my plants. I am still learning about what pests and how they can harm my plants and the best way to keep them away. I am tracking my success in hours and numbers of plants. I spent 26 hours caring for my plants.	6 project

### 2022

Pathway	Name & Description	Size/Scope of Enterprise
Plant Systems	<b>Em's Little Sprouts</b> I have my three plants and I was gifted an additional 13 plants and bought another three plants. I started learning how to take simple leaf cuttings. I have a strict watering schedule to help prevent root rot. I developed a pest management schedule. I decided to start a business outside of class time and will begin selling plants in 2023. I plan to take as many cuttings this next year to sell. I will measure success by hours and numbers of plants. My total hours were 58 hours.	16 project

### 2023

Pathway	Name & Description	Size/Scope of Enterprise
Plant Systems	<b>Em's Little Sprouts</b> I still have my 19 stock plants but I took 657 cuttings from these plants in my foliage and succulent plant stock and sold 494 varieties of cuttings. I learned how to take stem and leaf cuttings, air layering, and budding propagation techniques. I also learned how to use different types of growing media for my plants. I use a fertilizing schedule with my waterings. I have a strict pest management plan. I measure success in hours, plants, and profit. My hours were 102 hours, and made \$1006.	494 project
Plant Systems	<b>Foliage Plant Stock</b> This SAE project started in the Spring of 2023 once I started taking cuttings of different Foliage Plants. This year I learned to propagate different varieties of foliage plants and then sold 5 wandering dude cuttings through a transfer to my business Em's Little Sprouts. I also learned how applying different root stimulants to increase survival rates of my plants. I also have my 16 other mother plants that I maintain for taking cuttings.	5 project
Plant Systems	<b>Succulent Stock</b> This SAE project started in the Spring of 2023 once I started taking cuttings of different succulent plants. This year I learned to propagate different varieties of succulent plants and then sold 433 different succulent cuttings through a transfer to my business Em's Little Sprouts. I also learned how applying different root stimulants to increase survival rates of my plants. As well as pest scouting, and application of different pesticides	433 project

### 2024



Pathway	Name & Description	Size/Scope of Enterprise
Plant Systems	<b>Em's Little Sprouts</b> I still have my 19 stock plants but I sold all 657 varieties of cuttings. I had my very first landscaping jobs in my business this year. I had to hire out labor and I really worked on my landscape design skills. I also had to work on my customer relations skills as I wanted to make sure that I did exactly what the customer wanted with their landscape. I will measure success in total hours, plants, and money made from this year. My total hours were 240 hours, and I made over \$3585.	676 project
Plant Systems	<b>Foliage Plant Stock</b> My project this year I didn't take any additional cuttings because I was trying to sell out my current inventory that already existed in my business Em's Little Sprouts. I was no longer going to be able to use the greenhouse at the school so I made the decision I needed to just maintain my 16 mother plants.	16 project
Plant Systems	<b>Succulent Stock</b> For my SAE project I stopped making cuttings this year because I knew I wouldn't have the school greenhouse to use anymore so I transfered the 224 different succulent cuttings to Em's Little Sprouts to finish off selling my inventory. This total number of cuttings produced was 657. I learned a lot about inventory management this year and sold all of my current inventory plants. I am in the process of getting my store front opened and greenhouse so I can get my cuttings going again.	657 project





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## Candidate Inventory Statement - Current Inventory

### A. Harvested and Growing Crops/Plants on 12/31/2024

Description	Quantity	Value
Clear Plastic Pot 9oz (Em's Little Sprouts)	50	\$7
Pink Princess of Philodendron 5 In. Pot (Foliage Plant Stock)	2	\$30
Variegated Burle Marx Philodendron 4in Pot (Foliage Plant Stock)	1	\$30
Lemon-lime Prayer Plant 8in. Pot (Foliage Plant Stock)	1	\$30
Prince of Orange Philodendron 5in Pot (Foliage Plant Stock)	1	\$20
Hoya Rope 5in Pot (Foliage Plant Stock)	1	\$20
Confetti Syngonium 8in Pot (Foliage Plant Stock)	1	\$15
Watermelon Pepermoia 5in Pot (Foliage Plant Stock)	1	\$15
Polly Alocasia 5in Pot (Foliage Plant Stock)	1	\$10
Leopard Lily 6in Pot (Foliage Plant Stock)	1	\$10
Silver Sword Philodendron 3in Pot (Foliage Plant Stock)	1	\$10
Swedish Ivy 5in Pot (Foliage Plant Stock)	1	\$10
Regal Shield Alocasia 5in Pot (Foliage Plant Stock)	1	\$15
Micans Philodendron 3in Pot (Foliage Plant Stock)	1	\$10
Neon Philodendron 3in Pot (Foliage Plant Stock)	1	\$10
Heartleaf Philodendron 3in Pot (Foliage Plant Stock)	1	\$10
String of Hearts 3in Pots (Succulent Stock)	2	\$40
String of Ruby 10in Pot (Succulent Stock)	1	\$30
String of Bananas 8in Pot (Succulent Stock)	1	\$30
Variegated String of Pearls 10in Pot (Succulent Stock)	1	\$25
Variegated Jade 5in Pots (Succulent Stock)	2	\$20
White Thanksgiving Cactus 9in Pot (Succulent Stock)	1	\$20
Jellybean 6in Pot (Succulent Stock)	1	\$15
Bush Senecio 6in Pot (Succulent Stock)	1	\$15
String of Dolphins 5in Pot (Succulent Stock)	1	\$15
Monkey Tail Cactus 2in Pot (Succulent Stock)	1	\$10
Codlyn 5in Pot (Succulent Stock)	1	\$8
<b>TOTAL</b>		<b>\$480</b>

### B. Feed, Seed, Fertilizer, Chemicals, Supplies, Prepaid Expenses, and other Current Assets on 12/31/2024

Description	Quantity	Value
Keiki Cloning Paste (Em's Little Sprouts)	1	\$15
Amber Plant Food 16 oz (Em's Little Sprouts)	2	\$10
Neem Max 8 oz (Em's Little Sprouts)	1	\$10
Dynomite Cactus and Succulent Food 1 Lb (Em's Little Sprouts)	1	\$9
Jack's Houseplant Fertilizer (Em's Little Sprouts)	1	\$8
Liquid Plant Food 1.5 lb (Em's Little Sprouts)	1	\$7
Bonide Liquid Cactus Plant Food 8 oz (Em's Little Sprouts)	1	\$5
3 In. Pots (Em's Little Sprouts)	13	\$4
91% Isopropyl Alcohol 32 oz (Em's Little Sprouts)	2	\$2



6 Quart Sphagnum Moss (Em's Little Sprouts)	1	\$8
	<b>TOTAL</b>	<b>\$78</b>

**C. Merchandise, Crops, and Animals Purchased for Resale on 12/31/2024**

Description	Quantity	Value
	<b>TOTAL</b>	

**D. Raised Market Animals on 12/31/2024**

Description	Quantity	Value
	<b>TOTAL</b>	





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## Candidate Inventory Statement - Non-Current Inventory

### E. Non-Depreciable Draft, Pleasure, or Breeding Animals on 12/31/2024

Description	Quantity	Ending Total Value
	<b>TOTAL</b>	

### F. Depreciable Draft, Pleasure, or Breeding Animals on 12/31/2024

Description	Quantity	Acquisition Cost	Depreciation Claimed	Value
Tokyo Sun Succulent	1.00	\$10	\$0	\$10
Jewel of Desert Ruby	1.00	\$10	\$0	\$10
Spiral Aloe	2.00	\$30	\$1	\$29
Jade Plants	3.00	\$45	\$1	\$44
Jemen Aloe	4.00	\$60	\$1	\$59
Common Purslane	1.00	\$20	\$0	\$20
Golden Sedum	1.00	\$5	\$0	\$5
Ghost Echeveria	1.00	\$5	\$0	\$5
Pinwheel	1.00	\$50	\$1	\$49
Hen's and Chicks	3.00	\$18	\$0	\$18
Star Cactus	1.00	\$5	\$0	\$5
Zebra Aloe	1.00	\$10	\$0	\$10
Bones Cactus	1.00	\$15	\$0	\$15
Moss Rope	1.00	\$10	\$0	\$10
Kalanchoe	1.00	\$5	\$0	\$5
Mother of Thousands	1.00	\$10	\$0	\$10
Barrel Cactus: 3in Pot	1.00	\$5	\$1	\$5
Moon Cactus: 3in Pot	1.00	\$5	\$1	\$5
Jade Plant: 15in Pot	1.00	\$40	\$3	\$38
Sedum Palmeri	1.00	\$15	\$0	\$15
Panda Plant	1.00	\$15	\$0	\$15
Blue Chalkstick	1.00	\$10	\$0	\$10
Easter Cactus	1.00	\$10	\$0	\$10
Red Thanksgiving Cactus	1.00	\$15	\$0	\$15
Pink Thanksgiving Cactus	1.00	\$20	\$1	\$19
Snake Plant	1.00	\$15	\$0	\$15
Marble Pothos	1.00	\$20	\$0	\$20
Purple Shamrock	1.00	\$30	\$1	\$29
Golden Pothos	1.00	\$20	\$1	\$19
Neon Pothos	1.00	\$20	\$0	\$20
Butterfly Syngonium	1.00	\$15	\$0	\$15
Swiss Cheese Monstera	1.00	\$20	\$0	\$20
Tree Philodendron	1.00	\$50	\$0	\$50
Mini Monstera	1.00	\$15	\$0	\$15
Peperomia Ginny	1.00	\$10	\$0	\$10
<b>TOTAL</b>		<b>\$658</b>	<b>\$13</b>	<b>\$645</b>



G. Depreciable Machinery, Equipment, and Fixtures on 12/31/2024

Description	Acquisition Cost	Depreciation Claimed	Value
Chromebook	\$100	\$16	\$84
Soil Blocker	\$20	\$0	\$20
5ft Grow Lights	\$80	\$0	\$80
1ft Grow Lights	\$40	\$0	\$40
TOTAL	\$240	\$16	\$224

H. Depreciable Land Improvements, Buildings, and Fences on 12/31/2024

Description	Acquisition Cost	Depreciation Claimed	Value
TOTAL			

I. Land on 12/31/2024

Description	Quantity	Acquisition Cost
	TOTAL	



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## Income and Expense Summary of SAE Program

	2020	2021	2022	2023	2024	Total
<b>1. Revenues from Operations</b>						
a. Closing Current Inventory	\$1	\$1	\$222	\$473	\$558	<b>\$558</b>
b. Beginning Current Inventory	\$0	\$1	\$1	\$222	\$473	<b>\$0</b>
<b>c. Change in Current Inventory</b>	<b>\$1</b>	<b>\$1</b>	<b>\$220</b>	<b>\$251</b>	<b>\$85</b>	<b>\$558</b>
d. Cash Sales	\$0	\$0	\$0	\$1,006	\$3,585	<b>\$4,591</b>
e. Value Used at Home (Non-cash)	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
f. Value of Production Transferred to other enterprise, Transferred to Non-Current, Bartered or Labor Exchanged (Non-cash)	\$7	\$90	\$173	\$471	\$851	<b>\$1,593</b>
<b>g. Gross Revenues (Change in Current Inventory and Total Sales)</b>	<b>\$8</b>	<b>\$91</b>	<b>\$394</b>	<b>\$1,728</b>	<b>\$4,521</b>	<b>\$6,742</b>
<b>2. Expenses from Operations</b>						
a. Inventory Purchased for Resale (Cash)	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
b. Inventory Purchased for Resale (Non-Cash Transfers)	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
c. Cash Expenses (all other types)	\$0	\$0	\$217	\$382	\$1,738	<b>\$2,337</b>
d. Non-Cash Expenses (Transferred, Bartered, or SAE Labor Exchange)	\$7	\$90	\$173	\$471	\$851	<b>\$1,593</b>
e. Contributed Non-Cash Expenses (Gift or non-SAE Labor Exchange)	\$0	\$0	\$0	\$30	\$0	<b>\$30</b>
<b>f. Total Operating Expenses</b>	<b>\$7</b>	<b>\$90</b>	<b>\$390</b>	<b>\$883</b>	<b>\$2,589</b>	<b>\$3,960</b>
<b>3. Net Income from Operations</b>	<b>\$1</b>	<b>\$1</b>	<b>\$4</b>	<b>\$845</b>	<b>\$1,932</b>	<b>\$2,782</b>
<b>4. Non-Current Inventory</b>						
a. Closing Inventory	\$49	\$49	\$418	\$649	\$869	<b>\$869</b>
b. Transfer in from Operations (Non-Cash Transfers of non-current assets)	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
c. Contributed Inventory (Outside contribution of non-current assets - gift)	\$0	\$0	\$323	\$235	\$100	<b>\$658</b>
d. Purchases	\$0	\$0	\$50	\$0	\$140	<b>\$190</b>
e. Beginning Inventory	\$50	\$49	\$49	\$418	\$649	<b>\$50</b>
f. Sales	\$0	\$0	\$0	\$252	\$0	<b>\$252</b>
g. Non-Cash Sales	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
<b>h. Net Non-Current Transactions</b>	<b>-\$1</b>	<b>-\$1</b>	<b>-\$4</b>	<b>\$248</b>	<b>-\$20</b>	<b>\$223</b>
<b>5. Net Income From Operations &amp; Net Non-Current Transactions</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,093</b>	<b>\$1,912</b>	<b>\$3,005</b>
<b>6. Annual Profitability Measures</b>						
a. Operating Profit Margin (OPM) Net Operating Income/Totals Sales = % of sales related to profit	9%	1%	1%	49%	43%	<b>41%</b>
b. % of Total Returns from Net Non-Current Gains (Net Non-Current Gains/Total Gains)				23%		<b>7%</b>
c. Review Non-Current Ending Inv. Value						
<b>7. Non-Cash Transfer/Exchange Review</b>						
a. Check if Non-Cash Transactions are Balanced	YES	YES	YES	YES	YES	<b>YES</b>
b. Difference that non-cash income categories Non-Cash minus Non-Current Expenses are off	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>





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## Financial Balance Sheet Statement - Assets & Liabilities

<b>A. Assets</b>	<b>Beginning Value</b>	<b>Ending Value</b>
<b>1. Current Assets</b>		
a. Cash on hand, checking and savings	\$15	\$13,805
b. Cash Value - Bonds, stocks, life insurance	\$0	\$0
c. Notes & Accounts Receivable	\$0	\$0
d. Current Inventory (Entrepreneurship Experiences)		
1. Investment in harvesting and growing crops/plants	\$0	\$480
2. Investment in feed, seed, fertilizer, chemical, supplies, prepaid expenses, and other current assets	\$0	\$78
3. Investment in merchandise, crops, and animals purchased for resale	\$0	\$0
4. Investment in raised market animals	\$0	\$0
<b>e. Total Current Inventory</b>	<b>\$0</b>	<b>\$558</b>
<b>f. Total Current Assets</b>	<b>\$15</b>	<b>\$14,363</b>
<b>2. Non-Current Assets</b>		
a. Non-Current Inventory		
1. Investment in non-depreciable draft, pleasure, and breeding animals	\$0	\$0
2. Investment in depreciable draft, pleasure, and breeding animals	\$50	\$645
3. Investment in depreciable machinery, equipment, and fixtures	\$0	\$224
4. Investment in depreciable land improvements, buildings, and fences	\$0	\$0
5. Investment in land	\$0	\$0
<b>b. Total Non-Current Assets</b>	<b>\$50</b>	<b>\$869</b>
<b>3. Total Assets</b>	<b>\$65</b>	<b>\$15,232</b>
<b>B. Liabilities</b>		
<b>1. Current Liabilities</b>		
a. Accounts and Notes Payable	\$0	\$0
b. Current Portion of Non-Current Debt (the portion of non-current debt during this calendar year)	\$0	\$0
<b>c. Total Current Liabilities</b>	<b>\$0</b>	<b>\$0</b>
<b>2. Non-Current Liabilities</b>		
a. Real Estate Mortgages	\$0	\$0
b. Other Non-Current Liabilities	\$0	\$0
<b>c. Total Non-Current Liabilities</b>	<b>\$0</b>	<b>\$0</b>
<b>3. Total Liabilities</b>	<b>\$0</b>	<b>\$0</b>





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## Financial Balance Sheet Information - Personal Contribution & Net Worth

### C. Summary of Contributed Capital (Personal Finances in Balance Sheet)

1. Beginning Value	\$65
2. Sources of Cash Gifts	\$100
3. Sources of Cash from Ag Related (non-SAE) and personal earnings	\$0
4. Sources of Non-Cash Contributions (Current and Non-Current)	\$688
5. (Deduct) Non-Cash Sales for "Used at Home"	\$0
6. (Deduct) Total Personal Draw	\$237
7. (Deduct) Education Expenses Taken Out	\$0
8. Net Personal Contribution	\$616

D. Net Worth	Beginning Value	Ending Value
1. Contributed Capital (Represents the value of personal contribution)	\$65	\$616
2. Retained Earnings (Represents the value of SAE net income, entrepreneurship, placement, research)		\$14,616
<b>3. Total Net Worth</b>	<b>\$65</b>	<b>\$15,232</b>
<b>4. Total Liabilities &amp; Net Worth</b>	<b>\$65</b>	<b>\$15,232</b>
E. Accuracy Check for the Balance Sheet (Assets = Liabilities + Equity) & Growth		
1. Beginning Value	MET	
2. Ending Value		MET
3. Difference (met = \$0)	\$0	\$0
<b>4. Total Growth in Equity</b>		<b>\$15,167</b>
F. Financial Management Ratios		
1. Current Ratio (Measure of Liquidity) (Current Assets/Current Liabilities)		
2. Working Capital (Measure of Liquidity) (Total Current Assets minus Total Current Liabilities)	\$15	\$14,363





# 2025 Kansas State Degree

## Financial Balance Sheet Statement - Earnings & Productively Invested

### G. SAE Earnings

1. Placement SAE Earnings (Cash)	\$11,611
2. Entrepreneurship SAE Earnings (Cash & Non-Cash)	\$3,005
<b>3. Total SAE Earnings (Retained Earnings)</b>	<b>\$14,616</b>

### H. Productively Invested

1. Change in Net Worth (Productively Invested from Operations)	\$15,167
2. (Add) Total Educational Expenses (Personal Use)	\$0
3. (Deduct) Net Sources of Assets from Gifts or Non-SAE	\$551
<b>4. Total Growth in Productively Invested</b>	<b>\$14,616</b>

### I. Unpaid Hours

1. Total Unpaid Hours	0
2. Factor Per Hour	3.56
3. Unpaid hours allowance (hours x rate)	0

### J. Qualification Check

	Your Value	Condition
<b>Qualified under at least one option (Details of each option are listed below)</b>		<b>Met</b>
<b>Option 1 Conditions - Qualification on Finances</b>		
a. Productively Invested at least \$2000	\$14,616	Met
b. SAE Earnings at least \$2000	\$14,616	Met
<b>Option 2 Conditions - Qualification on Unpaid Hours</b>		
a. Unpaid Hours at least 600	0	
<b>Option 3 Conditions - Qualification on Combination</b>		
a. Unpaid Hours/600 + Productively Invested/\$2000 is at least 100%	731%	Met
b. Unpaid Hours/600 + SAE Earnings/\$2000 is at least 100%	731%	Met





# 2025 Kansas State Degree

## Skills, Competencies, and Knowledge

### A. Skills, Competencies, Knowledge

AFNR Performance Indicator		Contributions to Success
1	PS.01.02 Prepare and manage growing media for use in plant systems.	Knowing your plant and what it would grow in naturally is a great skill I have learned in this SAE. Preparing growing media is important because if you put an aroid for example in a mix for succulents the roots would suffocate and rot because aroids prefer a light airy mix with wood chips and perlite in it while succulents like a dense sand mix.
2	PS.01.03 Develop and implement a fertilization plan for specific plants or crops.	I've learned a lot about different deficiencies since starting this SAE and the nutrients plants need to fix those and help them grow stable. I water on a schedule so I like to keep my fertilizing on a schedule too. What works best for me is to fertilize every time I water. So I use the lowest amount of fertilizer recommended since I use it so much. I fill up a one-gallon watering pitcher measure out my fertilizer and mix it in, I repeat that til all my plants are watered thoroughly.
3	PS.03.01 Demonstrate plant propagation techniques in plant system activities.	I have learned a lot about propagating over the past couple of years. Like what propagation techniques each plant prefers to make the survival rate higher. There is a very simple technic for succulents which is by just taking a leaf and laying it on soil. Then there are more complex methods like air layering, stem cuttings, and budding. Learning these different methods has given me the opportunities to successfully propagate plants that you can't just place back in the soil.
4	PS.01.01 Determine the influence of environmental factors on plant growth.	When I first started One of the plants I had was an Aloe Vera very common and easy to care for, When I moved it into the greenhouse it started browning and I thought it was because of watering. I experimented with it until the whole plant seemed to be dead. I moved the plant into our lab and left it and within a couple of days, it was green and thriving again. It was because it was receiving too harsh of light. This taught me that plants don't all have the same environmental requirements.
5	PS.04.01 Evaluating, identifying and preparing plants to enhance an environment.	Helping my customers choose a perfect plant that they won't have to stress about based on aesthetics, placement of the plant, and how often you have to water the plant. Things my customers should focus on is definitely how much light the plant will receive I don't want to give someone a succulent arrangement for a low-light living room, instead, I would suggest a snake or prayer plant. Is the customer going to forget to water? Do they need a more hardy plant when it comes to water?
6	ABS.01.03 Devise and apply management skills to organize and run an AFNR business in an efficient, legal and ethical manner.	Helping my customers choose a perfect plant that they won't have to stress about based on aesthetics, placement of the plant, and how often you have to water the plant. Things my customers should big part of managing and running my own business is determining prices. I have to evaluate all the different things that go into one plant and determine what they are worth. For example, for every plant I sell, I have to add up the price of the pot, fertilizer I've used, water, and how big the plant is.
7	ABS.05.02 Assess and apply sales principles and skills to accomplish AFNR business objectives.	I spend a lot of time helping customers by providing them with factual information about the plants I produce and sell. I help make decisions about their needs and wants when it comes to purchasing from me so that my customers will stay happy with the product they are receiving and want to keep buying from me.
8	CRP.01.03 Identify and act upon opportunities for professional and civic service at work and in the community.	I spend a lot of time helping customers by providing them with factual information about the plants I produce and sell. I help make decisions about their needs and wants when it comes to purchasing from me so that my customers will stay happy with the product they are receiving and want to keep buying from me.



9	CRP.03.02 Design and implement a personal financial management plan.	I analyze my monthly income and expenses before I make purchases related to my SAE by doing this it has allowed me to make financial decisions related to my SAE when it comes to making purchases for my new inventory that I can then take cuttings from to market and sell those plants in my business.
10	CRP.01.02 Evaluate and consider the near-term and long-term impacts of personal and professional decisions on employers and community before taking action.	Putting a business in my community right now is putting more money into our community and bringing people closer. In the future opening, a new store will open up job opportunities for people locally, help our town grow, and make our town look newer. I'm excited to give back to the town I love and bring in income for the community.







# 2025 Kansas State Degree

## Leadership/FFA Activities

Activity	Chapter	Area, District or Region	State	National Finals Multii-State	National
CDE: Agronomy - Agronomy		21			
CDE: Agronomy - Agronomy/Meats/Floriculture		23			
CDE: Agronomy - Miami County		23			
CDE: Agronomy - National Agronomy CDE					23
CDE: Agronomy - SCD Agronomy and Floriculture		22			
CDE: Agronomy - State Agronomy			22		
CDE: Agronomy - State CDEs			23		
CDE: Dairy Cattle - Dairy Cattle		20			
CDE: Entomology - Entomology		20,23			
CDE: Entomology - horse and ento		23			
CDE: Farm Business Management - Farm and ranch management		20			
CDE: Floriculture - Agronomy/Meats/Floriculture		23			
CDE: Floriculture - Fort Scott aggie Days		24			
CDE: Floriculture - Miami County		23			
CDE: Floriculture - State CDEs			23,24		
CDE: Junior Quiz - Greenhand Info Test		20			
CDE: Nursery/Landscape - District Nursery Landscape		23			
CDE: Nursery/Landscape - District Nursery/Landscape		22			
CDE: Nursery/Landscape - Fort Scott aggie Days		24			
CDE: Nursery/Landscape - Miami County		24			
CDE: Nursery/Landscape - State CDEs			24		
CDE: Veterinary Science - Vet science		21			
National FFA Convention					23





# 2025 Kansas State Degree

## Community Service

### 2021

Individual / Group / Organization to whom service was PROVIDED	Service performed and whom you performed the service with if applicable	Hours
Burdick Community Methodist Church	I helped with the a local community's church, bible school, where I helped with group rotations of kids, preparing snacks, and setting up activities for them and help monitor all kids that were participating.	14.00
TOTAL		14.00

### 2023

Individual / Group / Organization to whom service was PROVIDED	Service performed and whom you performed the service with if applicable	Hours
American Red Cross	I assisted with registering donors, setting up tables and chairs, and bringing donors food after they had made a donation.	8.00
Centre Community	I assisted in preparing and serving a free breakfast for the the Centre staff as an appreciation for their continued support.	3.00
TOTAL		11.00

### Qualification Check

	Your Value	Condition
At least 2 different activities	3	MET
At least 25 hours	25.0	MET





# 2025 Kansas State Degree

## Checklist of Minimum Qualifications

Item	Value
Candidate has been an active FFA member for at least 24 months.	MET
Candidate has the Chapter and Greenhand FFA Degree.	MET
Applicant must have completed at least 2 full years (360 hours) of agriculture, or all of the agriculture offered at the school last attended.	MET
Non-cash income and expense is balanced each year on the Income/Expense Report.	MET
Accuracy Check for the Balance Sheet (Assets = Liabilities + Equity) & Growth	MET
Candidate has recorded of at least 25 hours community service and at least 2 different activities. (Organizations and activities must be manually reviewed in records.)	PENDING REVIEW
Student qualifies for the Degree with earnings, productively invested, and hours.	MET
Student has done at least 8 activities above the chapter level. Activities must be manually reviewed in records.	PENDING REVIEW
Candidate has obtained the required electronic signatures and approvals.	MET





# 2025 Kansas State Degree

## State Degree Manual Review Sheet of Qualifications

Circle	Initial
Y N	

1. Has the candidate been a chapter officer or serve on a major committee as listed below.

\_\_\_\_\_ Chapter FFA Officer: \_\_\_\_\_  
\_\_\_\_\_ FFA Committee Chairman: \_\_\_\_\_  
\_\_\_\_\_ FFA Committee Member: \_\_\_\_\_

Circle	Initial
Y N	

2. Has the candidate performed at least 10 Parliamentary Procedure abilities?

- |          |           |
|----------|-----------|
| 1. _____ | 6. _____  |
| 2. _____ | 7. _____  |
| 3. _____ | 8. _____  |
| 4. _____ | 9. _____  |
| 5. _____ | 10. _____ |

Circle	Initial
Y N	

3. Has the candidate given a six-minute agricultural related speech or demonstration? Please provide details below.

1. (Title) \_\_\_\_\_ (Length) \_\_\_\_\_

Circle	Initial
Y N	

4. Has the candidate attached signed SAE agreements (or SAE plans) for all SAEs listed in the application?  
(Attached to this application)

Circle	Initial
Y N	

5. Are all the Skills, Competency, and Knowledge listed in the application complete and accurately represents the student's experiences.

Circle	Initial
Y N	

6. As the advisor, I have reviewed the complete application and information listed in this manual review sheet and confirms the candidate's information is accurate and meets all qualifications.

**All information is accurate and represents the work of the student.**

\_\_\_\_\_  
Signature of FFA Advisor

\_\_\_\_\_  
Date



# State Star in Agribusiness

**KS**

**KS0052**

**603296892**



## Applicant Information

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Candidate Name

Emilee Remmers

FFA Chapter Name

Centre

## Star Type

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Application Type

Star in Agribusiness

Application Level

State

## Primary Pathway

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Plant Systems

## Submission Order

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Organize and print your entire application in the following order:

1. FFA Degree Application
2. FFA Star Application
3. Additional Application Attachments





# State Star in Agribusiness

## Performance Review A

### **1. Describe the SAE project(s) included in this application as completely and specifically as possible in the space allowed.**

My SAE is entrepreneurship in diversified horticulture. I started a business where I propagate a large variety of plants like pothos, monstera, philodendrons, maranta, sansevieria, alocasia, spider plants, and also succulents such as crassula, senecio, aloe, sedum, echeveria, cotyledon. I was able to use my schools greenhouse through a labor exchange where I came in on the weekends and took care of all of the plants. Some of the types of propagation I use the most are cuttings and layering. I like to just place the cuttings back in damp soil or in a vase of water to root. I've just started to experiment with more ways to root plants, for example using perlite, sand, or sphagnum moss instead of dirt. I started my business from a few small succulent cuttings from my grandma and my mom and I slowly started to do more research and buy more plants. I grew up always helping my mom with her flower garden and my dad with his vegetable garden. I always enjoyed helping plant the seeds, water the plants and help pull weeds. These early childhood experiences helped shape and inspire me to start my own business in the plant industry. I started from two different kinds of plants, a jade plant and a zebra aloe to having 150 different types of plants. Not only did I grow these plants myself I did my first contracted landscaping job in my business in 2024. I also have sold 657 cuttings that I have taken from my stock plants. I also started some cut flowers from seed for the upcoming season.

### **2. Briefly explain how your roles, responsibilities, and/or management decisions related to this award area changed.**

For my business some of my roles and responsibilities include managing my inventory. For example I keep records of my pots, planting mediums, plants, and the biggest one is income. At the beginning I only had to keep my plants alive but now I have to keep books, track income, track inventory, and focus on customer needs. When I started my business I didn't know how to do different propagation techniques. My propagated cuttings only had a 10% survival rate but taking the time to study, and dig more into a problem, I was seeing and understanding the plant you are taking care of made my cutting's survival rate go up to 90%. That dramatic of a percentage increase shows how much I have learned. Another big responsibility that I have now is landscaping jobs. I had little experience on the landscaping side when I started. Now I have done a big landscaping job where I had to draw maps, meet with my client multiple times, hire out someone to do heavy machinery work, and rebuild a retaining wall. Expanding my business to do landscaping was a very important management decision because it gets my name out there more, and it also is a better opportunity for me to expand my business from just selling houseplants. Recently I just bought and planted seeds to start doing cut flowers for floral arrangements. I drew out a map for a cut flower garden, and decided what is best to plant and how many plants will fit in the area and how many seeds I will need to plant to achieve that.

### **3. Briefly explain what is the single greatest challenge you faced in this award area and how did you overcome that challenge?**

Learning how to plan out and do the landscaping job for the first time was pretty hard. The first time meeting with my clients made me really nervous, because I had no experience doing a job like that before. It was hard figuring out how to meet my clients preferences and coordinating the right plants for it to be practical for their area. I didn't want to plant something in the area that won't grow. The retaining wall was also very nerve racking trying to make sure it would hold out through the pressure of the dirt and weather. Learning all of these skills and strategically planning it out over a couple months was my biggest challenge. Since I took horticulture class, I already knew how to draw out a landscape map, but this time I had to add the actual demotions to the map of the area. Knowing the aesthetic that my clients are going for, I was able to think of plants that would suit them and their area the best. A big part of my plan was doing research on everything that needs to be done. For example, in the old bed they had English Ivy growing in it which took over the whole area we were planting in. I had to think of a plan that would suffocate the ivy out everywhere, even in the hard to reach places like under their deck. I sprayed weed killer multiple times and also put a tarp over stems left to make sure it wouldn't take over their new bed. By expanding into this new avenue for my business, I have gained skills in landscape design that I can use for the future.





# State Star in Agribusiness

## Performance Review B

**Briefly explain your two greatest accomplishments or findings in this award area.**

### **Accomplishment/Finding #1**

What began with just 3 plants that were gifted to me quickly started multiplying. At the beginning of my Junior year, I decided that I didn't want my love for plants to be just a hobby but a passion and career of mine. I started by buying a box of 50 different varieties of succulents and plant cuttings like pothos, sedum, echeveria, hens and chicks, aloes, and a bunch of different "string of" succulents. By doing this it helped me find a way to offer more variety to my customers. I was able to make these different varieties become part of my stock and offer more selection for my customers. It allowed me to expand my inventory to over 657 different cuttings. I provide a variety of plants that attract customers and help my business grow.

### **Accomplishment/Finding #2**

Propagation and propagation techniques are the lifeblood of my SAE. I was able to increase my survival rate from 80% to 90%. This is crucial because if I don't have a good survival rate I lose more money in the long run and it's harder to keep certain plants in stock for my customers. When I started this SAE I researched how to take simple leaf cuttings from my jade plant. The videos I watched didn't leave all the details so I just assumed how to take care of them for example watering them every day would make them rot. My survival rate was about 10%. In experiments with my plants and cuttings, I learned how to increase that survival rate and decrease root rot by applying rooting hormones, and putting them in the right growing medium.

**Name one issue, trend, technology or public policy that has impacted your SAE project or the industry your SAE project falls in and describe the specific impact on your SAE project.**

In order for me to grow my SAE and expand my business, I have to keep up with the market trends and demands for different kinds of plants that people want. Some plants that are growing in popularity is the Pink Princess Philodendron and succulents. So I try to advertise and propagate a lot of those right now so people will purchase them. This affects my pricing because this philodendron was rare and cost hundreds of dollars. Now people can find it at a many different box stores for \$30 because of how they are produced. I have to adjust my prices when the customer demand for the plant drops because people don't want it and won't pay a higher price for it. In order for my business to be successful I have to pay attention to market trends.





# State Star in Agribusiness

## Performance Review C

**Specify your career objective and describe the career exploration and research steps you performed to select this career.**

The career field I am going into is horticulture. I am wanting to have a floral shop and be a flower producer. I selected this career because I have learned a lot about different types of plants and how to take care of them. I love being outdoors and I love gardening and doing flower arrangements. I began to take steps to make this my career when I started propagating and selling my cuttings through my business. I experimented with different cutting techniques that overall increased survival rate of my plants. I knew I wanted my business to be in the town I grew up in, so I started talking to people in my community about a building for sale and ways to start up my business. I have also been researching grants to help pay for a greenhouse.

**Describe two experiences, activities, or opportunities provided by this SAE project and explain how they have helped you explore this career choice.**

### **Experience/Activity/Opportunity #1**

One of the opportunities this SAE has provided for my business is it gave me a public following before my business is even in it's own store front. This is a big opportunity because most people would have to quit their full time job and fully jump into the risk of opening their own business. For me I started it while I was in high school. I could work on it more with out having to worry about my business failing because it started as a fun project. My community really supported me and they are excited to support me as I am in the steps to establish my store front.

### **Experience/Activity/Opportunity #2**

I learned that by owning my business it is critical for me to stay organized. I have to know how to do inventory and keep my ideas and money managed otherwise my day to day activities could be even harder to manage. During my day I could have people come in for random sales. I need to care for my plants, and maintain a clean space for customers. I also am scouting for pests and signs of nutritional deficiency. With all of these things happening throughout the day things can get chaotic. Writing down a clean record of what comes in and out whether it be plants, pots, and money makes my life easier when managing my finances. Running my smaller business by myself now will prepare me for a bigger growing business in the future.







# State Star in Agribusiness

## Learning Outcomes & Efficiency Factors

Learning Outcome or Efficiency Factor		Beginning Level	Level Attained	Description
1	Business Marketing	<u>2022</u> 0%	<u>2024</u> 80%	When I first started I marketed through our FFA plant sale. Since I've started I made a Facebook page for my business. Now I spent time making flyers and posts to get more people to buy from my small business. I also have made a website.
2	Inventory Management	<u>2022</u> 25%	<u>2024</u> 75%	I need keep a thorough inventory. I thought I only needed to track the plants I owned which is 25% of my inventory, but now I record the growing media, pots, plants, and fertilizer. I am still learning how to track my chemical usage for my records. An accurate inventory is essential for my business.
3	Nutrition Management	<u>2021</u> 0%	<u>2024</u> 95%	When I first started I didn't fertilize at all. I didn't know what to use and what it did. Now I know how to read fertilizer labels and recognize deficiencies. I had 3/4 of my plants showing nutrient deficiency and I started applying fertilizer and now I have only 5% that a deficiency.
4	Pest Management	<u>2021</u> 0%	<u>2024</u> 90%	When I started this SAE I had no knowledge of pests, how to identify them, and how to manage them. I learned to ID pest and apply different pesticides. I had 4 cuttings that were growing in 2021 and I lost 3 of them due to pest. I now only lose one plant out of 10 if I have a pest outbreak.
5	Propagation Techniques	<u>2021</u> 10%	<u>2024</u> 90%	Propagation is one of the most important things I learned to help my SAE thrive. When I first started I had no clue how to propagate plants and my survival rate was about 1 out of every 10 cuttings. After learning proper ways to propagate my survival rate is about 9 out of every 10.



### A. Five Primary Skills, Competencies, and Knowledge within your Pathway

AFNR Pathway Standard		Description of Activity
1	PS.01.02 Prepare and manage growing media for use in plant systems.	Knowing your plant and what it would grow in naturally is a great skill I have learned in this SAE. Preparing growing media is important because if you put an aroid for example in a mix for succulents the roots would suffocate and rot because aroids prefer a light airy mix with wood chips and perlite in it while succulents like a dense sand mix.
2	PS.01.03 Develop and implement a fertilization plan for specific plants or crops.	I've learned a lot about different deficiencies since starting this SAE and the nutrients plants need to fix those and help them grow stable. I water on a schedule so I like to keep my fertilizing on a schedule too. What works best for me is to fertilize every time I water. So I use the lowest amount of fertilizer recommended since I use it so much. I fill up a one-gallon watering pitcher measure out my fertilizer and mix it in, I repeat that til all my plants are watered thoroughly.
3	PS.03.01 Demonstrate plant propagation techniques in plant system activities.	I have learned a lot about propagating over the past couple of years. Like what propagation techniques each plant prefers to make the survival rate higher. There is a very simple technic for succulents which is by just taking a leaf and laying it on soil. Then there are more complex methods like air layering, stem cuttings, and budding. Learning these different methods has given me the opportunities to successfully propagate plants that you can't just place back in the soil.
4	PS.01.01 Determine the influence of environmental factors on plant growth.	When I first started one of the plants I had was an Aloe Vera. Very common and easy to care for. When I moved it into the greenhouse it started browning and I thought it was because of watering. I experimented with it until the whole plant seemed to be dead. I moved the plant into our lab and left it and within a couple of days, it was green and thriving again. It was because it was receiving too harsh of light. This taught me that plants don't all have the same environmental requirements.
5	PS.04.01 Evaluating, identifying and preparing plants to enhance an environment.	Helping my customers choose a perfect plant that they won't have to stress about based on aesthetics, placement of the plant, and how often you have to water the plant. Things my customers should focus on is definitely how much light the plant will receive I don't want to give someone a succulent arrangement for a low-light living room, instead, I would suggest a snake or prayer plant. Is the customer going to forget to water? Do they need a more hardy plant when it comes to water?

### B. Two Supporting Skills, Competencies, and Knowledge from any Pathway

AFNR Pathway Standard		Description of Activity
6	ABS.01.03 Devise and apply management skills to organize and run an AFNR business in an efficient, legal and ethical manner.	Helping my customers choose a perfect plant that they won't have to stress about based on aesthetics, placement of the plant, and how often you have to water the plant. Things my customers should big part of managing and running my own business is determining prices. I have to evaluate all the different things that go into one plant and determine what they are worth. For example, for every plant I sell, I have to add up the price of the pot, fertilizer I've used, water, and how big the plant is.
7	ABS.05.02 Assess and apply sales principles and skills to accomplish AFNR business objectives.	I spend a lot of time helping customers by providing them with factual information about the plants I produce and sell. I help make decisions about their needs and wants when it comes to purchasing from me so that my customers will stay happy with the product they are receiving and want to keep buying from me.

### C. Three Career Ready Practice and/or Cluster Skills standards



AFNR Pathway Standard		Description of Activity
8	CRP.01.03 Identify and act upon opportunities for professional and civic service at work and in the community.	I spend a lot of time helping customers by providing them with factual information about the plants I produce and sell. I help make decisions about their needs and wants when it comes to purchasing from me so that my customers will stay happy with the product they are receiving and want to keep buying from me.
9	CRP.03.02 Design and implement a personal financial management plan.	I analyze my monthly income and expenses before I make purchases related to my SAE by doing this it has allowed me to make financial decisions related to my SAE when it comes to making purchases for my new inventory that I can then take cuttings from to market and sell those plants in my business.
10	CRP.01.02 Evaluate and consider the near-term and long-term impacts of personal and professional decisions on employers and community before taking action.	Putting a business in my community right now is putting more money into our community and bringing people closer. In the future opening, a new store will open up job opportunities for people locally, help our town grow, and make our town look newer. I'm excited to give back to the town I love and bring in income for the community.





# State Star in Agribusiness

## Resume

### Objective

I have officially legitimized my business by purchasing my plant dealers licence from the state and have an accredited tax ID number for my business. I am working towards opening my store front in my community and building a greenhouse for my business. I am working towards increasing my clientele and getting my name out in the community more. I am applying to be a State Star in Agribusiness.

### Agricultural Classes/Coursework

- Aug 2023-May 2024 - Research in Agriculture (3rd/4th Hr)
- Aug 2023-May 2024 - Applications in Horticulture (6th hour)
- Aug 2022-Jul 2023 - General Horticulture
- Aug 2021-Jul 2022 - Plant and Soil Science
- Aug 2020-May 2021 - Agriscience

### SAE

- 2023-2024 Floriculture (Employment) 1 project
- 2023-2024 Landscape (Employment) 1 project
- 2021-2024 Veterinarian (Employment) 1 project
- 2020-2024 Nursery Operations (Ownership) 3 projects

### FFA Leadership

2023-2024 Building Communities Committee Head

### FFA Activities

- 2023-2024 Invitational FFA Competitions - 5 events (Nursery/Landscape; Agronomy; Floriculture)
- 2022-2024 State FFA Competitions - 5 events (Floriculture; Agronomy; Nursery/Landscape)
- 2023 Convention (National)
- 2023 National FFA Competitions - 1 event (Agronomy)
- 2020-2023 District FFA Competitions - 13 events (Junior Quiz; Agronomy; Dairy Cattle; Farm Business Management; Floriculture; Nursery/Landscape; Entomology; Veterinary Science)

### Community Service

- 2023 American Red Cross; Centre Community
- 2021 Burdick Community Methodist Church

### School and Extracurricular Involvement

2020-2024 Basketball  
2020-2024 Volleyball  
2021-2023 Track  
2020-2024 Cheerleading  
2020-2024 FFA

### Awards and Honors

2024 National FFA Proficiency Finalist: Nursery Operations  
2024 State Proficiency Winner: Nursery Operations  
2024 South Central District Proficiency Winner: Nursery Operations  
2024 3rd Place State Nursery Landscape Team; 10th Place Individual  
2024 2nd Place Miami County Aggie Days Nursery Landscape Team; 8th Place Individual  
2024 3rd Place Fort Scott Aggie Days Nursery Landscape Team; 10th Place Individual  
2023 Silver Team National FFA Agronomy Team; Silver Individual  
2023 1st Place South Central District Nursery Landscape Team; 9th Individual  
2023 1st Place State Agronomy Team, 4th Place Individual  
2022 2nd Place State Agronomy Team, 10th Place Individual



**Certifications**

2024 Kansas Plant and Soil Science Certification

**Skills**

Water Management, Nutrition Management, Pest Management, Inventory Management, Landscape Design, Customer Service, and Business Marketing

**References**

Jon Meyer: Agriculture Teacher Centre High School

Emma Jacobson: Agriculture Teacher Centre High School

Rachel Barnes: Owner of Wildflowers

Regina Kimbrel: Customer





# State Star in Agribusiness

## Personal History

**Provide a narrative story of your personal achievements. Work within the character count and review your PDF to limit your final report to a maximum length of 3 pages.**

Ever since I was little my family has had a pretty big garden. I would always help my mom in her flower garden and help my dad with his veggie garden. We would always be outside pulling weeds, watering, and harvesting. That would always be my favorite "chore" I just loved seeing all the new leaves or flowers and the smell. My mom always loved house plants and I remember helping her with watering them for years. My grandma and I would also go to a plant nursery just to admire the plants every time I stayed with her for spring break. When I got to my freshman year of high school my mom got me a couple of plants to put in my room. There was a Jade, Aloe vera, and a moon cactus. These houseplants were pretty simple to take care of and I enjoyed watering them once a month and watching them grow. In my Junior year, I decided that I wanted to take horticulture class. I ended up enjoying the class and learning about propagation, floral design, and plant systems was fascinating to me. I brought plants into my class from my mom to practice taking simple leaf cuttings off of. The first couple of cuttings we took had about a 10% survival rate, but I was very interested in them and I started to research about succulents in my free time. A lot of the things I learned from videos, articles, and experiments I like to do. I started buying more and more succulents just because I love collecting them and I came up with the idea to sell my cuttings and make it a business. I started spending a lot of my time in the greenhouse. I used to spend about three hours a week in the greenhouse when I first started. In that time I would just be watering and experimenting with cuttings. I learned how to take stem cuttings, leaf cuttings, and air-layering. I paired those propagation techniques with the right growing media like sand, perlite, orchid bark, or even water. Doing that bumped my success rate up from 10% to about 90% which is a major jump. My first plant sale was a huge success and the community loved it. I also started learning about aroids and deficiencies for plants and how to solve them, so I could offer my customers to fix their plants. Learning how to propagate aroids compared to succulents is a lot more difficult. Instead of cutting from anywhere like you would for a succulent for aroids you have to make sure you have a node. A node is a collar on the stem, it's the growth point of the plant. Without a node you can't propagate the aroid, a lot of people think you need just a leaf to propagate which is not true the leaf will root but will not have any new growth this is called a "zombie leaf" so it's extremely important to have a node. When you first take a cutting you have to let it scab over for at least 24 hours. This prevents the cutting from rotting in whatever media you have it in. I like to either put my aroids in water, sphagnum moss, or perlite. After that you pretty much just let the plant do it's thing. One of the things I've learned since owning my own business is inventory management. I can spend a lot of time in the greenhouse about 15 hours a week, with all the plants coming in and out it can get messy and chaotic really fast. Staying organized and tracking my finances has helped me to make sure I have more profit coming in than what I'm losing. My biggest struggle is determining the pricing for my plants to sell. Pricing is hard because big box stores can push out the same plant for way cheaper because they buy it in bulk and they don't care for it as much as smaller plant shops. Usually, most plants that come from a big box store have root rot from way too much water and are infested with pests like mealy bugs, thrips, and spider mites. So it's hard to compare my price to the big box store's price. But I can provide a good quality of product over quantity of product. I also got a job my junior year having a paid position at a floral shop. Here I learned lots about the floral side of this industry and learned lots of floriculture identification because of the time I was spending studying and working with different flowers and florist's plants. I worked there from 2023 to 2024 and then it got new owners. After my senior year I really wanted to also learn more about landscaping and bedding plants to help expand my knowledge so I got another paid position at Serinty gardens, a greenhouse and bedding plants nursery. I learned so much here it was very eye opening to see how much I still didn't know. I learned a lot about annual and perennial plants for our growing zone and what conditions they grow best in and how to choose bedding plants that suit different customers and environments the best. Just this last year I got my first landscaping job. I went out to my client's house multiple times to draw out maps and make sure the work I would do would make my clients happy with the end result. Finally I hired someone to do heavy machinery work for this project because it included digging out an old metal tank in the ground, removing tree stumps, and redoing a retain wall. That landscape job was a great to kick off this new area in my business that I haven't done yet. My clients loved the design and I was happy with my work. I look forward to doing more landscape work in the future. I am now starting to get different licensing for my business and start keeping professional books for my business to keep track of finance and inventory.





## State Star in Agribusiness

Safety Photo #1



**It's important to not touch my hands after applying any pesticide, fertilizer, or herbicide to my plants. I take certain steps in order to properly remove gloves so that these chemicals would not make contact with my skin. The first step I take is to pinch the outside of the first glove and slide it over itself to where it turns inside out and falls into the trash. Then I take my hand that doesn't have a glove and slide my fingers under my other glove and flip it inside out.**







## State Star in Agribusiness

### Safety Photo #2



**Steps I take to protect myself when applying pesticide are to first read the label and make sure I am wearing the proper gear when applying it to keep myself from getting sick or injured. For example, this pesticide requires gloves so I put gloves on when handling it. I also make sure to wear long sleeves and jeans to cover my skin when applying this chemical. Lastly I make sure to use the proper amount the label says and then wash my hands after use.**







**I am reading the label on a liquid rooting hormone to apply to some of my starter plants. It is critical to not overdo it on these chemicals. I study the label before I apply any of these because if I give the plant too much it will result in a chemical burn and loss of the plant. So to not waste money reading the label and using the amount that it recommends is key.**





## State Star in Agribusiness

Project Photo #4



Here I am taking a cutting of my succulent. When taking cuttings the first thing I do is sanitize my shears I either use hydrogen peroxide or isopropyl alcohol and rub it with a paper towel. When taking cuttings of succulents it's your choice where you want to cut from but for aroids you have nodes. I have to get a node to propagate these. If I just get a leaf it will still root but won't grow. This is called a "zombie leaf" so getting a node is important or I am just cutting for no reason.





## State Star in Agribusiness

Project Photo #5



**The health of the root determines the health of a plant. If your plant is declining it's always good to do a repot to check on the roots because that can tell you a lot of problems. Like if you are using too much water the roots will be squishy and rot. Even if you are doing nothing wrong and the plant is thriving but it has a couple of yellow leaves you can pull it out of the pot and see if it's root-bound. Then just upsize the pot and your plant will be healthy.**







## State Star in Agribusiness

Project Photo #6



**Watering is very important when it comes to my plants. 80% of the time I spend in the greenhouse I am watering my plants. Not all plants need water at the same time so to know when you need the water you have to know what your plant likes. Succulents like to dry out all the way between watering while some aroids like peperomia like to only dry out 80%. To prevent giving a plant root rot you can stick a wooden skewer in the soil and pull it out to see what soil sticks.**





# State Star in Agribusiness

## Checklist of Minimum Qualifications

- Missing, Error, or Not Met indicates a condition causing the candidate not to qualify for the degree.
- Review indicates a condition that will require additional explanation or documentation.
- Only computer-generated checks are shown here. The PDF application includes additional manual checks.
- Regardless of the qualifications shown here, FFA staff and reviewers may contact the advisor or applicant for additional information and evidence, including, but not limited to, SAE agreements and record books.

Item	Value
Candidate has chosen a Star Type and Primary Pathway.	MET
Candidate has fully described and selected one to five Learning Outcomes or Efficiency Factors.	MET
Candidate has fully described all ten Skills, Competencies, and Knowledge.	MET
All pictures include captions.	MET
All pictures include a digital upload.	MET
Required attachments have been uploaded.	MET





# State Star in Agribusiness

## Application Attachments

The following are attachments to include at the end of your application.

### **Attachment 1 - SAE Agreements**

Attach a copy of your most recent SAE partnership, rental, Family Corporation or occupational training agreement.

### **Attachment 2 - Student Recommendations**

Attach three one-page recommendations

1. Agriculture instructor recommendation
2. Two other recommendations (if your SAEs include placement, please include at least one employer recommendation)





**KS - Centre**  
**Emilee Remmers 603296892**  
**SAE Agreement - Em's Little Sprouts**

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### SAE Information

Name:	Em's Little Sprouts
SAE Type:	Entrepreneurship/Ownership
AFNR Pathway/Category:	Plant Systems - Nursery Operations

### SAE Plan - Em's Little Sprouts

Description
My interest and motivation for this project is my future. I plan to keep feeding my passion and one day have my own greenhouse and floral shop. My project started in August of 2020 and ended in December of 2023. My project goals are to expand my knowledge about plants, grow my business, and teach and help people with their plants. My project will be supervised by Emma Jacobson, who is my Ag Adviser. In terms of project safety, important areas are using gloves and reading labels before use.
Time Investment
I will plan to invest 15 hours per week. My project time will vary from month to month, but common activities are watering, repotting, and marketing. Key dates or events in my project may include May 5th of 2023 for the spring sale and October 7th of 2023 for the Octoberfest sale. My project time relates to my career plan, which is to own my own floral shop and greenhouse.
Financial Investment
The main cash expenses categories are rent, fertilizers, insecticides, and supplies. In terms of total cost, my project will annually require around \$600 per year to operate. Planned income for my project is estimated to be \$2000, but depends on certain outcomes. I plan to use assets I own which includes all the plants I own and all the succulent cuttings I have taken.

#### Learning Objectives (SAE Skills):

Skill Area	Planned Activities	Results or Outcome
<b>PS.01.01</b> Determine the influence of environmental factors on plant growth.		
<b>PS.01.02</b> Prepare and manage growing media for use in plant systems.		
<b>PS.01.03</b> Develop and implement a fertilization plan for specific plants or crops.		
<b>PS.02.01</b> Classify plants according to taxonomic systems.		
<b>PS.02.02</b> Apply knowledge of plant anatomy and the functions of plant structures to activities associated with plant systems.		
<b>PS.03.01</b> Demonstrate plant propagation techniques in plant system activities.		
<b>PS.03.03</b> Develop and implement a plan for integrated pest management for plant production.		

**Signatures**

<u>Emilee Remmers</u>	<u>2/22/2024 1:17:00 PM</u>	<u>Brandy Remmers</u>	<u>2/23/2024 11:20:00 AM</u>
Student	Date	Parent / Guardian	Date
<u>Jon Meyer</u>	<u>2/23/2024 9:24:00 AM</u>		
Ag Science Teacher	Date		

*The school, individuals or businesses participating in this educational program will not discriminate against participating students with regards to race, sex, creed, color, national origin, age or handicap as defined by law.*



February 1, 2025

Dear State Fair Committee:

I am writing to you with great honor as I have been asked to write Heather Kimmery a letter of recommendation. I cannot think of another person who I would recommend for the National in Agriculture. I have gotten the chance to get to know Heather pretty well the past five years and she is someone who has a great personality, strong work ethic, and is also knowledgeable in a variety of things.

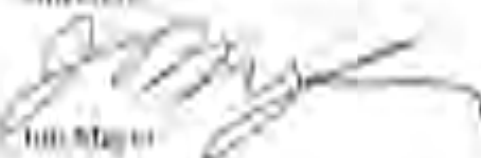
Heather is a great student and FFA member, and has competed on the National Level in the Agribusiness Career Development Event. She is always very organized and worked her hardest to prepare for the National Circuit. She also worked extremely hard and had many successes in a variety of Career Development Events such as Nursery Landscape Agribusiness and Horticulture. She was 1st place individually in the 2024 State Nursery Landscape CDE and was apart of the 3rd place team. She was also named a National Finalist in 2024 for her NAE in Nursery Operations. She is very passionate about plants and has taken many steps to open her own flower shop and greenhouse in one of the rural towns in our community. She is very thorough in her thought process on how she plans to accomplish her goals and I believe will make her dreams come true.

Heather possesses a remarkable set of skills that make her stand out. She is exceptionally well-organized, displaying a meticulous approach to her responsibilities. Her strong work ethic is evident in every task she undertakes, and her drive for success is truly commendable. Despite her many commitments, she still remains highly involved in FFA and her NAE.

I wholeheartedly recommend Heather for this award. I am confident that Heather will continue to excel and positively contribute to any endeavor she chooses to undertake. She really has been able to balance everything well and I believe is worthy for this scholarship.

Thank you, and if you have questions for me, feel free to contact me anytime at (620) 778-5651. You can also contact me at [jmeyer@usd397.com](mailto:jmeyer@usd397.com).

Sincerely,



Jon Meyer



# Centre FFA

Emma Jacobson  
2374 310<sup>th</sup> Street  
Lost Springs, KS 66859

**Tel:** (785) 983-4321  
**Fax:** (785) 983-4377  
**Email:** ejacobson@usd397.com

February 12th, 2025

To the STAR farmer selection committee,

I am writing on behalf of Emilee Remmers, who I have had the honor of being one of her Agriculture teachers and FFA advisors at Centre for two years. Emilee has grown her SAE exponentially, the expansion of her project began when she asked to overwinter her succulents in the greenhouse in the fall of 2022. By that following May, she had created over 250 cuttings that were sold during our Centre Spring sale that year. During her senior year of high school she almost doubled production and sold 400 cuttings at the spring plant sale.

One notable quality I've noticed in Emilee is her entrepreneurial drive within her to not only propagate cuttings but also plant them in pots or plant combinations that appeal to customers. One example of this is when she purchased a Christmas Cactus on Walmart clearance, divided it up into about 8 plants, placed each in mugs she found at a dollar store, and sold them with a markup to turn a profit. She has a wealth of knowledge of plants that she has gathered through learning online, but I have also seen her take it another step further through scientific research. She has tested rooting cuttings on several different types of growing media based on what she read on Google, concluding that cutting in perlite did not mold as easily as vermiculite or sphagnum peat moss.

Within FFA competitions, Emilee has excelled as a strong team member of our State Winning Agronomy team, winning 4th place individually at State in 2023. Her preparation for the National Agronomy competition started shortly after state, and the months of studying paid off as he scored in the Silver Division at the National FFA Agronomy career development event. I believe her work and success in the Agronomy CDE has prepared her well for her work in the Horticulture and Floriculture industry.

Emilee dreams of expanding her business to include a storefront selling floriculture crops, floral design, and houseplants.

To conclude, I highly recommend Emilee as a strong candidate to be considered for STAR Farmer. In the time I have known her, she has grown tremendously as an entrepreneur and in her knowledge of plants. Emilee is an excellent example of success, and quality achievement within her supervised agricultural experience at our school.

Sincerely,

Emma Jacobson

February 14, 2024

To William (I May Concur):

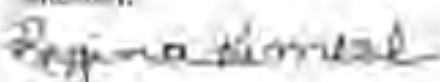
I am writing this letter to recommend Emily Rembert for the landscaping job she did at our home in the late fall of 2023. We had 2 very large blue spruce trees cut down in front of our house as they were dying. I contacted Emily for a re-landscaping. She made several trips to our home as we discussed different options. Did we want the roots of the blue spruce removed or not? Did we want to re-plant blue spruce or trees? Did we want to plant flowering bushes or plants? She also gave us an estimate of what the project could cost and got started on the job.

We decided to remove the old roots and she contacted someone to do that (get rid of the roots). This also involved removing an old cistern. We wanted the planting area to be larger than before and so she again contacted someone to bring in more dirt and raised the support wall around the area to be planted. We planted out some native flowering plants which she ordered and tended to get established. She gave us some suggestions for flowering bushes and hennyaubla which we purchased from a local nursery. She took out a weed barrier over the planting area and nailed in boards to put over that. She planted all of the flowering plants and bushes we had purchased. She ordered a trellis and installed for the hennyaubla. She laid down rock in the planted area so a person could walk and water without damaging the plants. She stayed around the retaining wall to prevent other plants from encroaching on the newly planted area. When the job was finished Emily gave us the bill which included the costs of the other workers. We only had to give her cash back and all the labor and supplies were included.

My husband and I had never taken on a landscaping job like this before even though we have lived in our home for 20 years. We felt like Emily helped us through the process from beginning to end. She answered questions via personal visits, phone calls and texts. She always contacted us about any work she or anyone would be doing. She let us know when they would be here and everyone was always and thorough in completing their work. She or others did all the clean up as they finished their jobs.

We are looking forward to the spring and the new flowering look in the front of our home. We want to thank Emily for all of her hard work and expertise all that she has to get it looking lovely again. We think Emily Rembert is experienced, responsible and knowledgeable about plants and landscaping and would highly recommend her to go landscaping for others.

Sincerely,



Regina Rembert