



2025 Kansas State Degree

KS

KS0077

604160769

3



Student Approval

Applicant Name

Noah Bartel

Chapter Name

Holton

- 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.

2/24/2025 1:56:00 PM

Date

Noah Bartel

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.

2/24/2025 2:02:00 PM

Date

Alex Bartel a.bartel@holtonks.net

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.

2/24/2025 2:27:00 PM

Date

Jeremy Truelove j.truelove@holtonks.net

School Principal or Superintendent



2025 Kansas State Degree

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3



Applicant Contact Information

Name as you want it to appear on the certificate

Noah Bartel

Gender

Male

Address

19705 P Rd

City

Holton

State

KS

Zip Code

66436-8224

Email Address

noabartel@holtonks.net

Name on the FFA Chapter Roster (if different)

Name Pronunciation

Home Phone

785-364-6746

Parent/Guardian Name

Alex Bartel

Parent/Guardian Name

Sheri Bartel

Parent/Guardian Occupation

Teacher at Holton High School

Parent/Guardian Occupation

Teacher at Holton Elementary School

Chapter Information

FFA Chapter Name

Holton

School Name

Holton High School

School Address

901 New York

School City

Holton

School State

KS

School Zip Code

66436

School Phone

(785) 364-2181

Chapter Advisor(s)

Jason Larison; Alex Bartel

FFA History

Year FFA Membership Began

2020

Year Received Greenhand Degree

2022

Year Received Chapter Degree

2023

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

2025

If not, give date left school

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

4.50

Ag Education completed in High School

Years: 4.50 Hours: 810

Postsecondary/Vo-Tech Education Completed

Semesters: Quarters:

Four-year College Completed

Semesters: Quarters:

Major

N/A

School Attended

Military Duty - Dates of Full-Time Active Military Duty

N/A

World Experiences in Agriculture - Date of International Placement





2025 Kansas State Degree

Basic Award Setup Information

I. Application Dates

Began Agricultural Education
7/1/2020

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	\$600	\$299
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	\$0	
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	\$2,270
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	\$3,783

V. Personal Cash Income & Expense	Total Value
a. Sources of cash gifts	\$1,032
b. Sources of cash from Ag related (non-SAE) and personal earnings	\$0
c. (Deduct) Total Personal Expense/Draw	\$4,317
d. (Deduct) Education Expenses Taken Out	\$0





2025 Kansas State Degree

Supervised Agricultural Experience - Entrepreneurship

2021

Pathway	Name & Description	Size/Scope of Enterprise
Plant Systems	Bartel Lawn Care (12) Clients in 2021. - Bartel Lawn Care got started with help from my dad. - I used older 2 push mowers that my dad repaired and borrow a weed eater and a leaf blower from my dad. - I applied for a \$1,000 grant from National FFA. - I invested in a used riding mower at the end of the season. - I saved a total of \$300. - I had 12 clients in 2021: Parents Kathy A. Mike K. Katie C. Kathy C. Elaine D. Mike K. Pam L. Mark M. Bob P. Denise W. Carolyn M.	12 Clients
Agribusiness Systems	Landscape Management Total Income (Dollars) Earned in 2021. List of Clients: Myrna B. - Installed and leveled small landscape rocks evenly around the house foundation, Removing branches with loppers, Planting new Ornamental grasses and bulbs with shovels. Donna P. - Shaped & trimmed hedges with powered trimmer, Raked & disposed debris, Dug & replaced stepping stones in her landscape. Mark M. - Removed & installed ground cover, Installed mulch out from the house's foundation. Parents - Trimmed shrubs.	345 \$ Landscape Mgmt Income
Agribusiness Systems	Log Splitting Custom Labor: 20 hours in the fall, split and stacked wood in an wood pile against the shed.	20 Hrs Split/Stacking

2022

Pathway	Name & Description	Size/Scope of Enterprise
Plant Systems	Bartel Lawn Care (21) Clients in 2022. - This is my first year mowing with a riding mower. - I upgraded string trimmer and leaf blower to STIHL products. - I earned a total of \$4,285. - I used the \$1,000 grant that I received from National FFA to purchase an 5x8 utility trailer. - I had 21 clients in 2022: Parents Mike K. Kim D. Shaun L. Austin L. Brad D. Denise W. Shelly R. Sarah G. Pam L. Alan B. Mark M. Bernie H. Elaine D. Bob P. Lori D. Phyllis C. Jay B. Kathy C. Bob S. Carolyn M.	21 Clients



Agribusiness Systems	Landscape Management Total Income (Dollars) Earned in 2022. List of Clients: Parents - Trimmed hedges around the house, Cleaned & removed trimming debris from the yard, Disposed trimmings onto the farm's burn pile. I also trimmed along a large ditch & around the burn pile. City of Mayetta - Prepared a seed bed and broadcast/sowed grass seed for the city office.	25 \$ Landscape Mgmt Income
Agribusiness Systems	Log Splitting Custom Labor: 9 hours in the spring and 8 hours in the fall, split and stacked wood in an old grain bin.	17 Hrs Split/Stacking

2023

Pathway	Name & Description	Size/Scope of Enterprise
Plant Systems	Bartel Lawn Care (19) Clients in 2023. - This is my second full year of operations. - I upgraded my riding mower, twice, and a leaf blower to a backpack Echo. - I earned a total of \$4,407. - I had 19 clients in 2023: Parents Mike K. Kim D. Shaun L. Austin L. Denise W. Sarah G. Alan B. Mark M. Bernie H. Elaine D. Bob P. Lori D. Phyllis C. Lindsay E. Kathy C. Dave S. Jay G. Kylie D.	19 Clients
Agribusiness Systems	Landscape Management Total Income (Dollars) Earned in 2023. List of Clients: Lorrie D. - Removed landscaping rocks into a new location, Removed landscaping fabric and pins, Disposed of fabric and pins in refuse containers, Holton Community Theatre - Trimmed & removed dead plant material from Pampas grass, Rose bushes, Viburnum, & Junipers. Removed volunteer trees, Raked blew & removed decaying leaves from the landscaping. Used gas powered trimmer & blowers, rakes & tarps. Parents - Trimmed shrubs.	825 \$ Landscape Mgmt Income
Agribusiness Systems	Log Splitting Custom Labor: 8 hours in the spring, split and stacked wood in an old grain bin.	8 Hrs Split/Stacking

2024



Pathway	Name & Description	Size/Scope of Enterprise
Plant Systems	Bartel Lawn Care (25) Clients in 2024. - This is my third full year of operations. - I upgraded to a self propelled Toro and to an Echo 2620 string trimmer. - I earned a total of \$7,726. - I had 24 residential and one business client in 2024: Parents Mike K. Kim D. Shaun L. Austin L. Denise W. Sarah G. Alan B. Mark M. Bernie H. Bob P. Lori D. Phyllis C. Kathy E. Dave S. Janice F. Bev L. Pat D. Brandon S. Ethan P. Bev H. LD F. Tyler T. Marylynn S. Greenacres Feed & Farm (Business)	25 Clients
Agribusiness Systems	Landscape Management Total Income (Dollars) Earned in 2024. List of Clients: Jackson County Fair Board - Trimmed trees and shrubs, Re-staked trees; Weeded flower beds around Heritage Hall, Watered Trees, Installed mulch in flower beds, Disposed of plant material, Fertilized trees & shrubs & Snow removal and treatment. Mark M. - Installed raised planting beds. Raked, removed & disposed of plant debris & leaves from the landscape. Denise W. - Trimmed shrubs & grasses. Parents - Re-landscaped Wooden fence lines.	1623 \$ Landscape Mgmt Income
Agribusiness Systems	Log Splitting Custom Labor: 3 hours in the spring, split and stacked wood in an old grain bin,. Business Labor: 23 hours in the spring and fall of felling, sectioning, splitting and stacking	26 Hrs Split/Stacking





2025 Kansas State Degree

Candidate Inventory Statement - Current Inventory

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

Description	Quantity	Value
Harvested, split and stacked of mixed hardwoods (Log Splitting)	1 cord	\$150
Harvested, split and stacked of osage orange/hedge. (Log Splitting)	0.75 cord	\$125
	TOTAL	\$275

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

Description	Quantity	Value
Gallons of unmixed gas for mowers (\$3.59/gal) (Bartel Lawn Care)	5	\$18
Bottles of 2 stroke Oil Mix for Echo equipment - Red Armor (\$3.10 each) (Bartel Lawn Care)	2	\$6
Gallons of mixed gas for string trimmer, chainsaw or blower (\$6.69 / 2 gallons) (Bartel Lawn Care)	4	\$13
Large roll of Black Diamond trimmer string, used (Bartel Lawn Care)	1	\$28
Small roll of Black Diamond Trimmer String, used (Bartel Lawn Care)	1	\$6
	TOTAL	\$72

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

Description	Quantity	Value
	TOTAL	

D. Raised Market Animals on 12/31/2024

Description	Quantity	Value
	TOTAL	





2025 Kansas State Degree

Candidate Inventory Statement - Non-Current Inventory

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

Description	Quantity	Ending Total Value
	TOTAL	

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

Description	Quantity	Acquisition Cost	Depreciation Claimed	Value
	TOTAL			

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

Description	Acquisition Cost	Depreciation Claimed	Value
Stihl 55 BG Leaf Blower	\$150	\$100	\$50
Gravely ZT2148 Riding Lawn Mower	\$400	\$200	\$200
Stihl 56 RC Weed Eater	\$200	\$100	\$100
8x5 Utility Trailer	\$1,100	\$480	\$620
Gas Cans	\$52	\$0	\$52
Husqvarna 4WD Self Propelled Push Mower	\$200	\$100	\$100
Craftsman 2WD Self Propelled Push Mower	\$140	\$100	\$40
Echo Hedge Trimmer	\$20	\$0	\$20
Anvil and Blade Pruners	\$45	\$0	\$45
Fiskars Pole saw	\$0	\$0	\$0
Hedge Shears	\$35	\$0	\$35
Echo PB-9010T Backpack Leaf Blower	\$400	\$267	\$133
Hustler FasTrak 54" Lawn Mower	\$9,080	\$3,632	\$5,448
Ariens 48" Zero Turn Mower	\$1,200	\$733	\$467
Shovel & Rake	\$45	\$45	\$0
Stihl MS 180 Chainsaw	\$0	\$0	\$0
Toro TimeMaster	\$50	\$0	\$50
Echo 2620 String Trimmer	\$300	\$14	\$286
Echo 4610 Chainsaw	\$400	\$18	\$383
Champion 37 Ton Log Splitter	\$1,800	\$85	\$1,715
Chevy 1988 Pickup	\$1,250	\$38	\$1,213
TOTAL	\$16,867	\$5,911	\$10,956

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
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	TOTAL	
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2025 Kansas State Degree

Income and Expense Summary of SAE Program

	2020	2021	2022	2023	2024	Total
1. Revenues from Operations						
a. Closing Current Inventory	\$0	\$21	\$74	\$92	\$347	\$347
b. Beginning Current Inventory	\$0	\$0	\$21	\$74	\$92	\$0
c. Change in Current Inventory	\$0	\$21	\$53	\$18	\$254	\$347
d. Cash Sales	\$0	\$1,633	\$4,180	\$4,898	\$9,577	\$20,288
e. Value Used at Home (Non-cash)	\$0	\$0	\$0	\$0	\$0	\$0
f. Value of Production Transferred to other enterprise, Transferred to Non-Current, Bartered or Labor Exchanged (Non-cash)	\$0	\$440	\$320	\$550	\$910	\$2,220
g. Gross Revenues (Change in Current Inventory and Total Sales)	\$0	\$2,094	\$4,553	\$5,466	\$10,741	\$22,854
2. Expenses from Operations						
a. Inventory Purchased for Resale (Cash)	\$0	\$0	\$0	\$0	\$0	\$0
b. Inventory Purchased for Resale (Non-Cash Transfers)	\$0	\$0	\$0	\$0	\$0	\$0
c. Cash Expenses (all other types)	\$0	\$413	\$1,104	\$1,100	\$3,874	\$6,491
d. Non-Cash Expenses (Transferred, Bartered, or SAE Labor Exchange)	\$0	\$440	\$320	\$550	\$910	\$2,220
e. Contributed Non-Cash Expenses (Gift or non-SAE Labor Exchange)	\$0	\$0	\$0	\$0	\$0	\$0
f. Total Operating Expenses	\$0	\$853	\$1,424	\$1,650	\$4,784	\$8,710
3. Net Income from Operations	\$0	\$1,241	\$3,130	\$3,816	\$5,957	\$14,144
4. Non-Current Inventory						
a. Closing Inventory	\$0	\$219	\$1,979	\$9,967	\$10,956	\$10,956
b. Transfer in from Operations (Non-Cash Transfers of non-current assets)	\$0	\$0	\$0	\$0	\$0	\$0
c. Contributed Inventory (Outside contribution of non-current assets - gift)	\$0	\$0	\$0	\$0	\$0	\$0
d. Purchases	\$0	\$252	\$2,135	\$10,680	\$3,800	\$16,867
e. Beginning Inventory	\$0	\$0	\$219	\$1,979	\$9,967	\$0
f. Sales	\$0	\$0	\$0	\$0	\$0	\$0
g. Non-Cash Sales	\$0	\$0	\$0	\$0	\$0	\$0
h. Net Non-Current Transactions	\$0	-\$33	-\$375	-\$2,691	-\$2,811	-\$5,911
5. Net Income From Operations & Net Non-Current Transactions	\$0	\$1,208	\$2,755	\$1,125	\$3,146	\$8,234
6. Annual Profitability Measures						
a. Operating Profit Margin (OPM) Net Operating Income/Totals Sales = % of sales related to profit		59%	69%	70%	55%	62%
b. % of Total Returns from Net Non-Current Gains (Net Non-Current Gains/Total Gains)						
c. Review Non-Current Ending Inv. Value						
7. Non-Cash Transfer/Exchange Review						
a. Check if Non-Cash Transactions are Balanced	YES	YES	YES	YES	YES	YES
b. Difference that non-cash income categories Non-Cash minus Non-Current Expenses are off	\$0	\$0	\$0	\$0	\$0	\$0





2025 Kansas State Degree

Financial Balance Sheet Statement - Assets & Liabilities

A. Assets	Beginning Value	Ending Value
1. Current Assets		
a. Cash on hand, checking and savings	\$600	\$299
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	\$275
2. Investment in feed, seed, fertilizer, chemical, supplies, prepaid expenses, and other current assets	\$0	\$72
3. Investment in merchandise, crops, and animals purchased for resale	\$0	\$0
4. Investment in raised market animals	\$0	\$0
e. Total Current Inventory	\$0	\$347
f. Total Current Assets	\$600	\$645
2. Non-Current Assets		
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	\$0	\$0
3. Investment in depreciable machinery, equipment, and fixtures	\$0	\$10,956
4. Investment in depreciable land improvements, buildings, and fences	\$0	\$0
5. Investment in land	\$0	\$0
b. Total Non-Current Assets	\$0	\$10,956
3. Total Assets	\$600	\$11,601
B. Liabilities		
1. Current Liabilities		
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	\$2,270
c. Total Current Liabilities	\$0	\$2,270
2. Non-Current Liabilities		
a. Real Estate Mortgages	\$0	\$0
b. Other Non-Current Liabilities	\$0	\$3,783
c. Total Non-Current Liabilities	\$0	\$3,783
3. Total Liabilities	\$0	\$6,053





2025 Kansas State Degree

Financial Balance Sheet Information - Personal Contribution & Net Worth

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

1. Beginning Value	\$600
2. Sources of Cash Gifts	\$1,032
3. Sources of Cash from Ag Related (non-SAE) and personal earnings	\$0
4. Sources of Non-Cash Contributions (Current and Non-Current)	\$0
5. (Deduct) Non-Cash Sales for "Used at Home"	\$0
6. (Deduct) Total Personal Draw	\$4,317
7. (Deduct) Education Expenses Taken Out	\$0
8. Net Personal Contribution	-\$2,685

D. Net Worth	Beginning Value	Ending Value
1. Contributed Capital (Represents the value of personal contribution)	\$600	-\$2,685
2. Retained Earnings (Represents the value of SAE net income, entrepreneurship, placement, research)		\$8,234
3. Total Net Worth	\$600	\$5,548
4. Total Liabilities & Net Worth	\$600	\$11,601

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
4. Total Growth in Equity		\$4,948

F. Financial Management Ratios

1. Current Ratio (Measure of Liquidity) (Current Assets/Current Liabilities)		0.28
2. Working Capital (Measure of Liquidity) (Total Current Assets minus Total Current Liabilities)	\$600	-\$1,625





2025 Kansas State Degree

Financial Balance Sheet Statement - Earnings & Productively Invested

G. SAE Earnings

1. Placement SAE Earnings (Cash)	\$0
2. Entrepreneurship SAE Earnings (Cash & Non-Cash)	\$8,234
3. Total SAE Earnings (Retained Earnings)	\$8,234

H. Productively Invested

1. Change in Net Worth (Productively Invested from Operations)	\$4,948
2. (Add) Total Educational Expenses (Personal Use)	\$0
3. (Deduct) Net Sources of Assets from Gifts or Non-SAE	\$0
4. Total Growth in Productively Invested	\$4,948

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
Qualified under at least one option (Details of each option are listed below)		Met
Option 1 Conditions - Qualification on Finances		
a. Productively Invested at least \$2000	\$4,948	Met
b. SAE Earnings at least \$2000	\$8,234	Met
Option 2 Conditions - Qualification on Unpaid Hours		
a. Unpaid Hours at least 600	0	
Option 3 Conditions - Qualification on Combination		
a. Unpaid Hours/600 + Productively Invested/\$2000 is at least 100%	247%	Met
b. Unpaid Hours/600 + SAE Earnings/\$2000 is at least 100%	412%	Met





2025 Kansas State Degree

Skills, Competencies, and Knowledge

A. Skills, Competencies, Knowledge

AFNR Performance Indicator		Contributions to Success
1	ABS.01.03 Devise and apply management skills to organize and run an AFNR business in an efficient, legal and ethical manner.	I have a verbal mowing contract with all of my clients. I quote a fair price for both me and my clients and negotiate if need be. I set up a mowing schedule every week. I have a Google Sheet of all 18 of my clients' contact information, as well as where they live and the price of their yard. I use the Notes app on my phone to help me remember when I mowed their lawn last, or how much I charged them the last time I mowed. This helps me navigate through work efficiently.
2	ABS.05.03 Assess marketing principles and develop marketing plans to accomplish AFNR business objectives.	I have put advertisements on Facebook and in 2023 I purchased 5 yard signs to help gain new clients. Word of mouth has been a great advertiser for me, as Holton is a pretty small town and word spreads fast. I don't just mow in Holton, as I've had to drive to Mayetta to care for some lawns. Some marketing principles have helped me decide how much to charge for each lawn. I charge more for the lawns further away from home, as that extra money takes up the gas cost.
3	ABS.03.01 Develop, assess and manage cash budgets to achieve AFNR business goals.	I have written down reasonable goals of where I want to be by the end of the mowing season financially and have recorded the progress that I have made on a checklist. I've tried my hardest to save and budget for new machinery. I have put away money every season for saving, emergency, and spending. I have budgeted my money well and plan to keep budgeting in the future. I earned over \$1400 in 2021 and over \$5000 in 2023. I am overcoming a \$1200 short from a bad riding mower through hard work.
4	ABS.04.03 Identify and apply strategies to manage or mitigate risk.	I do my absolute best to follow all safety precautions when working with machinery, as well as repairing or maintaining equipment or machinery. I wear proper PPE like hearing and eye protection when working with all equipment to ensure that I stay safe and mitigate risk. When driving my trailer around, I make sure that my turns are wide enough, so that I don't clip someone else's vehicle, or hit a curb and cause a flat tire. I have had ZERO accidents since starting my business.
5	ABS.04.02 Develop production and operational plans for an AFNR business.	Out of the 22 clients that I had in 2024, each of my clients lawns were different. Some clients only wanted me to mow, others wanted me to only trim, but most of my clients wanted me to do everything that I offer. Part of my operation is knowing which clients want certain services done to their lawn, so that I can keep the client base content, as well as plan out the most efficient way to care for each lawn. I review my plans with my parents and my advisor, Mr. Larison, to help me with my plans.
6	PST.02.02 Operate machinery and equipment while observing all safety precautions in AFNR settings.	I correctly operate my mower, weed eater, and blower every time. I maintain and inspect all of my equipment and machinery to make sure that I am not in danger. I wear proper PPE such as eye and hearing protection while using all of my machinery. I safely load and unload all of my equipment and machinery before and after use. I look ahead at every situation and decide whether or not it is a good idea. If something bad happens, I make sure that my client knows and then I try to solve the problem.
7	ABS.02.02 Assemble, interpret and analyze financial information and reports to monitor AFNR business performance and support decision-making (e.g., income statements, balance sheets, cash-flow analysis, inventory reports, break-even analysis, return on investment, taxes, etc.).	I collect all of my receipts after every deposit and withdraw. I also keep an emergency fund at home in case of an accident or an issue. I log all of my withdraws and deposits in a bifold savings booklet that the bank gave me when I first opened my account. It helps me stay organized and accountable through running my business. I try my best to balance account statements in AET. Next year I need to spend less in personal expenses and save money.



8	CRP.01.01 Model personal responsibility in the workplace and community.	Before mowing each yard, I check to see if there are any tree limbs or branches that fell off due to high speeds of wind or weather. It is my job, based off of my verbal agreement, to pick up all of the brush before I start mowing. Some of my clients want their grass bagged, so it's my responsibility to follow their request. When equipment is more expensive to repair than it is to buy new, I am responsible for making the business decision.
9	CRP.08.03 Establish plans to solve workplace and community problems and execute them with resiliency.	Factors such as temperature, moisture, and even drought can impact the growth of grass significantly. Understanding how these factors influence plant growth is crucial to scheduling. Drought can stunt the growth of grass development. I've had many instances where dew sets in the morning of a big day and it causes clogging problems, which slows down each yard. Taking that into consideration, I've had to figure out when dew is most likely to set in, so that I can schedule my lawns accordingly.
10	CRP.02.02 Use strategic thinking to connect and apply technical concepts to solve problems in the workplace and community.	Running both 2-stroke and 4-stroke engines have helped me learn more about them. I have to make sure that I don't put 2-stroke oil in a 4-stroke engine, or vice versa, because it could damage the engine. I've had issues with bad carburetors in my 2-stroke machines, such as my Stihl 56 RC and Echo Hedge Trimmer, and have had to replace them. Gas is fuel for the engine and the carburetor is the main passage way for the gas into the engine, so it's crucial that the carburetor operates smoothly.





2025 Kansas State Degree

Leadership/FFA Activities

Activity	Chapter	Area, District or Region	State	National Finals Multi-State	National
Ag Ed Open House	22				
Ag Ed/FFA Open House and Parent Meeting	21				
Ag Speech Showcase	23				
Ag-A-Thon	23				
April FFA Meeting	24				
April Meeting	23				
August Chapter Meeting	21				
August FFA Meeting	23				
Blood Drive	23				
CDE: Agricultural Technology & Mechanical Systems - Metal Football Helmet - State Fair Entry			23		
CDE: Conduct of Chapter Meetings - National Conduct of Chapter Meetings LDE					22
CDE: Conduct of Chapter Meetings - State Novice Parliamentary Procedure LDE			22		
CDE: Environmental & Natural Resources - Envirothon		23			
CDE: Environmental & Natural Resources - KACD Regional Envirothon		22			
CDE: Environmental & Natural Resources - State Envirothon			23,24		
CDE: Farm Business Management - Agribusiness Management		23			
CDE: Floriculture - Floriculture		23,24			
CDE: Floriculture - Miami County Aggie Days Floriculture		24			
CDE: Floriculture - Tonganoxie FFA Chieftain Challenge Invitational CD		22			
CDE: Homesite Evaluation - NE District FFA Homesite Evaluation CDE		23			
CDE: Homesite Evaluation - State FFA Homesite Evaluation CDE	23				
CDE: Junior Prepared Public Speaking - NE District Public Speaking LDE		23			
CDE: Junior Quiz - NE District FFA Greenhand Leadership Test		21			
CDE: Land - NE District FFA Land Judging CDE	22				
CDE: Livestock - Tonganoxie Chieftain Invitational CDE's		21			
CDE: Meats Evaluation - NE Dist Meats Judging CDE		22			
CDE: Meats Evaluation - NE District FFA Meats Evaluation		23			
CDE: Meats Evaluation - State CDE's			22		
CDE: Meats Evaluation - State CDEs			23		
CDE: Nursery/Landscape - Miami County Aggie Day Nursery Landscape		24			
CDE: Nursery/Landscape - NE Dist Nursery & Landscape CDE		21			
CDE: Nursery/Landscape - NE District Nursery and Landscape CDE		22			
CDE: Opening and Closing Ceremonies - NE District Rituals LDE		21			
CDE: Parliamentary Procedure - NE Dist Parliamentary Procedure LDE		21			
CDE: Parliamentary Procedure - NE District FFA - Chapter Parliamentary Procedure		23			
CDE: Parliamentary Procedure - Senior Par Law		22			
CDE: Veterinary Science - Blue Valley Invitational FFA CDE's		21			
CDE: Veterinary Science - NE District Vet Science CDE		21			
CDE: Wool - Wool Judging	23				
December FFA Meeting	24				
December Fun Night/ Christmas Party	22				



December Meeting	22				
Dessert Competition	22				
Dodgeball Tournament	22				
Everygy Ag Career Safety Day and Cimmaron Trailer T	23				
Fall CDE Day	22				
February FFA Meeting	22,24				
February Meeting	23				
FFA Chapter Awards Ceremony	24				
FFA Christmas Party	23				
FFA Fun Night	21				
FFA Pool Party	21				
FFA September Breakfast	22				
FFA Signing Day/Parent Open House	23				
FFA Week - Tractor & T Shirt Tuesday	22				
FFA Week - Western Farm Show Trip	22				
FFA Week - Wild West Wednesday	22				
Fruit & Fall Christmas Sales	23				
Fruit & Fall Christmas Sales Fundraiser	24				
Fruit Sales	22				
Fruit Sales/Christmas Sales 2021	21				
Fun night	22				
Fun Night - November	21				
Gold Committee Meeting	23				
Highway Trach Pickup	23				
Ice Cream Social	22				
January Meeting	22,23				
Janurary FFA Meeting	24				
Kansas NE District Meats Judging		24			
Kansas State Fair - FFA Ag Mech Entry			23		
Kansas State Fair FFA Exhibit			22		
March Chapter Meeting	22				
March FFA Meeting	24				
March Meeting	23				
Meats Evaluation			24		
National Convention					22
National FFA Convention					21
National SAE Grant					21
National SAE Grant Applicant					23
NE Dist Banquet and Awards Ceremony		22			
NE Dist Greenhand Conference		21			
NE District Banquet		23			
November FFA Meeting	23,24				
November Fun Night	22				
November Meeting	22				
October FFA Meeting	23,24				
October Meeting	22				
Pancake Feed	23				
SAE Fair - Poster Display at Open House	22				
SAESelfie Sunday	22				



September FFA Meeting	23,24				
September meeting	21,22				
Serving JCLA Dinner	24				
Signing- I Believe Pledge....	22				
State FFA Band			22		
State FFA Convention			22		
State FFA Foundation Presentation			22		
State FFA Proficiency Finalist (Top 3)			24		
Western Farm Show		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
Adopt a Spot Highway 75 Cleanup Volunteer	I helped cleanup the 1 mile stretch of Highway 75 along Holton. I picked up trash along the west and east sides of the highway and bagged it up. Later the trash bags were properly disposed.	1.50
Adopt-A-Spot HWY 75 Cleanup Volunteer	I helped cleanup the 1 mile stretch of Highway 75 along Holton. I picked up trash along the west and east sides of the highway and bagged it up. Later the trash bags were properly disposed.	1.50
Ag and Water Festival Volunteer	Volunteered by helping out with the Jackson County NRCS Ag and Water festival. This was for all of Jackson County grade school students. I helped with the FFA exhibit.	7.00
USDA Farm to Families Food Distribution Volunteer	I helped distribute food and milk during our food drive to different community members. I helped setup and load vehicles and made sure the food and milk were stowed safely. I helped cleanup after the event.	2.50
TOTAL		12.50

2022

Individual / Group / Organization to whom service was PROVIDED	Service performed and whom you performed the service with if applicable	Hours
FFA Week - Set up & Serve JCLA Banquet	I help setup, serve and cleanup the meal at the Jackson County Livestock Association annual meeting.	5.00
TOTAL		5.00

2023

Individual / Group / Organization to whom service was PROVIDED	Service performed and whom you performed the service with if applicable	Hours
Fall Blood Drive Volunteers	I was able to donate a pint of my blood to the Community Blood Center and FFA Fall Blood Drive. I needed my parent consent. Recovery was hard.	1.50
TOTAL		1.50

2024

Individual / Group / Organization to whom service was PROVIDED	Service performed and whom you performed the service with if applicable	Hours
Fall Blood Drive Volunteers	I was able to donate a pint of blood, my blood, to the Community Blood Center and FFA Fall Blood Drive. The donation went easier this time.	1.00
Farm Bureau Meal	As a volunteer, I began setup tables and table service. Then I helped served the meal and helped refill Farm Bureau members drinks with tea or water. Lastly I help clean up the meal and put tables and chairs away.	3.00
Volunteer - Ukrainian Refugee Night at the Farm	I helped take family's on a hay rack ride and played corn hole with some of the teenage kids. It was a relaxing night where we learned about the Ukrainian culture and blended out hospitality with it.	4.00
TOTAL		8.00

Qualification Check

	Your Value	Condition
At least 2 different activities	9	MET
At least 25 hours	27.0	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

KS0077

604160769



Applicant Information

Candidate Name

Noah Bartel

FFA Chapter Name

Holton

Star Type

Application Type

Star in Agribusiness

Application Level

State

Primary Pathway

Agribusiness Systems

Submission Order

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.

DESCRIPTION:

My Supervised Agricultural Experience is that I own and operate my own business called Bartel Lawn Care. The services I provide include mowing, trimming, string edging, blowing off sidewalks and patios, small brush removal, and raking leaves. Bartel Lawn Care determines the price for each client by the labor and tools involved, the amount of grass that needs to be cut, the proximity of other clients, if the clients are to be put on a weekly schedule, and how difficult the tasks are. Each year I collect information from my clients on how I can improve my business and make it more efficient. I reinvest every year by purchasing new equipment and selling my old equipment.

HOW I STARTED:

In 2021, I borrowed a push mower from my dad in exchange of labor from another project at home. I was able to purchase a new weed eater (Stihl 56 RC) and a used blower (Stihl 55 BG) from Tarwater Farm & Home in Holton. Bartel Lawn Care started out with a few clients which grew to 11 by the end of 2021. In 2022, I was able to acquire an 8ft x 5ft utility trailer from a National FFA grant which allowed me to purchase a used zero turn riding mower (Gravely ZT2148). In 2022, I consistently cared for 20 different clients' lawns. I continue to stay in contact with all of my clients through Facebook Messenger and texting and I advertise Bartel Lawn Care on Facebook.

LABOR EXCHANGE:

I currently mow my parent's yard in exchange for gasoline and usage of their truck to haul my equipment.

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

ROLES:

In my business, I have evolved from needing significant help to operating more independently. My operation involves me mowing and trimming lawns, as well as blowing off sidewalks. I also trim hedges and bushes when need be. I maintain, service, and repair my engines throughout the year. I contact all of my clients through Facebook Messenger and occasionally call to check up on their lawn. I also advertise my SAE on Facebook. I visit with my clients when I come over to mow, or put in a quote and negotiate a price on their yard. I hire my dad when I need some help because of time, or other reasons.

RESPONSIBILITIES:

I am responsible for the vehicle and the trailer I drive around and the equipment I use to do my job. If anything happens to the equipment, I am held liable. I am responsible for the clients' yards; if anything bad happens to them from my cause, I will be the one that is held responsible. As I work, I ensure that I am using all equipment responsibly and to the best of my ability.

MANAGEMENT DECISIONS:

I have to decide when to mow my clients' yards. I need to schedule times when I come over to mow, or if they want to have me mow it when it gets tall. Each yard is different, and so I have to know how to manage each yard differently. I communicate with my clients if I need something done from them and if they need me to do anything for them. I need to decide when to service my equipment and where to put them in the winter season.

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



SINGLE GREATEST CHALLENGE:

My single greatest challenge is keeping the client base content. When I first started my SAE, it wasn't hard to keep up with maintaining 12 clients' yards. But now, a year and a half later, I have twice that amount, and now that I have to balance school and sports, it is much more difficult to knock yards out during the week. A majority of my clients live in Holton, but a few of them live in Mayetta. I can't rush through lawns, even if I am short on time. Plus, some of my clients are picky and they only want their grass getting to a certain height. Some clients like it almost scalped, others like it ankle high. If I don't do my job correctly, I will have unsatisfied clients and won't make enough income.

MY INVOLVEMENT TO OVERCOMING THIS CHALLENGE:

Being accountable is the biggest answer to overcoming this challenge. When I have less important things happening, I need to prioritize mowing yards over anything else. Knowing this, I have to budget my time after practice, doing homework, and as I drive from yard to yard. I have to be sure that I get to their lawn in time, so that I can ensure their trust. Taking time to do each lawn is important because it shows my clients that I care. It's also my responsibility to perform the job the way that the client wants it done. If I do my job correctly, my clients will always be content with me and my effort of maintaining their yard.





State Star in Agribusiness

Performance Review B

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

Accomplishment/Finding #1

EXPANDING CLIENT BASE:

When I first had the idea to start a lawn care business, I didn't know the best way to get ahold of someone. Going door to door would be too tedious. After asking my dad for some help, I thought it would be best to post an advertisement on Facebook. As soon as I got my first couple clients, news spread fast and I increased my client base. In 2021 I had 11 clients and in 2024 I had 25. Word of mouth is a great advertiser for me, as it helps me expand my client base. Another factor is my desire to make a lawn look professionally done. One of the best feelings is the satisfaction of finishing a lawn exactly how you want it done. I have to focus on keeping my client base content so I am the first option in upcoming years.

Accomplishment/Finding #2

GROWING OPERATIONAL SKILLS:

Most of the skills that I'm learning throughout my SAE will help me later in life. Knowing how to operate a riding lawn mower, weed eater, and a blower is an advantage that most teenagers don't have. Even though I do not own a 725D Grasshopper, one of my customers allows me to operate theirs, which I have done successfully in 2023. At times I mow very steep ditches and uneven yards. Learning basic operational skills earlier in life are important because they will help me later in life. Learning more about the equipment that I run is crucial in expanding my business. With technology advancing nowadays, finding the right way to operate machinery can be difficult, but gaining experience will work to your advantage.

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.

ISSUE - PATIENCE IN MAKING BUSINESS DECISIONS:

In the summer of 2023, One of the larger assets I had (Gravely ZT2148) broke down in the middle of a job. I made the decision to purchase a used riding mower (Ariens) off of Facebook Marketplace, only for it to break down a week later, resulting in a loss of clients. I should've been more patient in making that decision, and instead, financing it through our local dealer.

SPECIFIC IMPACT:

When my first riding mower broke down, I was just starting a new cycle and the number of clients I had was scarce, so I couldn't afford to lose clients. In the end, if I would've explained to my clients the hardship that I was going through, they would understand, and I probably wouldn't have lost them.





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.

CAREER OBJECTIVE:

Currently, I am considering a career in the turf-grass industry. I'm interested in everything to do with landscaping, but specifically intrigued in lawn care. After high school, I am considering attending a community college.

EXPLORATION PERFORMED:

When attending the National FFA Expo and Western Farm Show, I visited numerous college booths and businesses that helped guide me down the path of the turf-grass industry. I follow a lot of entrepreneurs who make content of lawn care on YouTube, Instagram, TikTok, and many other social media platforms. My dad, one of my biggest mentors, helps me communicate with other entrepreneurs and who have experience working for themselves.

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

PURCHASING LARGE EQUIPMENT:

My first large purchase was an 8ft x 5ft utility trailer. This trailer allows me to haul a riding mower from yard to yard and helped me expand my business. Over time, I've upgraded riding mowers twice, but still use the same trailer. In order to expand my business even further, I need to purchase a larger trailer so that I can haul more than one mower at a time.

IMPACT ON CAREER CHOICE:

My career depends on reinvesting in new equipment. I won't be making any money if I don't upgrade my equipment over time. I'm also responsible for keeping the equipment safe from weather or anything that could prohibit it from running at its full capacity.

Experience/Activity/Opportunity #2

MARKETING AND ADVERTISING:

One way I gain clients is to advertise my business. I post a picture of my equipment and description of my business every year on Facebook. After asking permission from my clients, I'll put up a yard sign in their lawn. I have gained most of my clients through advertising, which is one way to show that my business is expanding.

IMPACT ON CAREER CHOICE:

Advertising helps me stay busy, whether it be running my business or working for someone else. One of the biggest ways to find work is to advertise. The more clients I have, means I get to mow more yards and make more money. Advertising plays a big role in both the business and construction industry, and has helped me choose this particular career pathway.





State Star in Agribusiness

Learning Outcomes & Efficiency Factors

Learning Outcome or Efficiency Factor		Beginning Level	Level Attained	Description
1	Creating and Maintaining My Work Schedule	<u>2021</u> 12 yards	<u>2024</u> 25 yards	I have to prioritize lawns before doing anything that I choose in my free time. I budget time between school, sports and driving between yards. I have created a document on Notes and Google Sheets that has all of my clients' information to make it easier to schedule times to mow; an increase of 13.
2	Handling Customer Desires and Client Concerns	<u>2021</u> 50%	<u>2024</u> 100%	Some of my clients are particular about their desires, especially with how short they want their grass cut, or how tall they want it to get. At the beginning I would have my dad there to help. Now when clients have concerns or questions that need to be answered I answer all objections by myself.
3	Injuries by Working Safely with Proper PPE	<u>2021</u> Zero Injuries	<u>2024</u> Zero Injuries	I have to work efficiently and safely. I wear proper PPE including hearing and eye protection when I operate my equipment. I have had zero injuries in my total operational hours of work in my SAE increase.
4	Loading/Unloading Equipment	<u>2021</u> Using just the Truck	<u>2024</u> Using the Truck and Trailer	Over time, loading and unloading equipment has gotten significantly easier due to purchasing my own trailer and attaching a weed eater rack onto my trailer. Now I don't have to unload equipment from the truck bed. I can easily access my equipment from my trailer; zero accidents have occurred.
5	Working Safely and Efficiently	<u>2021</u> 137 Operational Hours	<u>2024</u> 468.25 Operational Hours	I have to get multiple lawns done in the daylight that I have, so I have to work efficiently. I wear proper PPE including hearing and eye protection when I operate my equipment. I have had zero injuries in 468.25 total operational hours of work in my SAE.





State Star in Agribusiness

Skills, Competencies, and Knowledge

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

AFNR Pathway Standard		Description of Activity
1	ABS.01.03 Devise and apply management skills to organize and run an AFNR business in an efficient, legal and ethical manner.	I have a verbal mowing contract with all of my clients. I quote a fair price for both me and my clients and negotiate if need be. I set up a mowing schedule every week. I have a Google Sheet of all 25 of my clients' contact information for 2024, as well as where they live and the price of their yard. I use the Notes app on my phone to help me remember when I mowed their lawn last, or how much I charged them the last time I mowed. This helps me navigate through work efficiently.
2	ABS.05.03 Assess marketing principles and develop marketing plans to accomplish AFNR business objectives.	I have put advertisements on Facebook and in 2023 I purchased 5 yard signs to help gain new clients. Word of mouth has been a great advertiser for me, as Holton is a pretty small town and word spreads fast. I don't just mow in Holton, as I've had to drive to Mayetta to care for some lawns. Some marketing principles have helped me decide how much to charge for each lawn. I charge more for the lawns further away from home, as that extra money takes up the gas cost.
3	ABS.03.01 Develop, assess and manage cash budgets to achieve AFNR business goals.	I have written down reasonable goals of where I want to be by the end of the mowing season financially and have recorded the progress that I have made on a checklist. I've tried my hardest to save and budget for new machinery. I have put away money every season for saving, emergency, and spending. I have budgeted my money well and plan to keep budgeting in the future. I earned over \$1400 in 2021 and over \$5000 in 2023. I am overcoming a \$1200 short from a bad riding mower through hard work.
4	ABS.04.03 Identify and apply strategies to manage or mitigate risk.	I do my absolute best to follow all safety precautions when working with machinery, as well as repairing or maintaining equipment or machinery. I wear proper PPE like hearing and eye protection when working with all equipment to ensure that I stay safe and mitigate risk. When driving my trailer around, I make sure that my turns are wide enough, so that I don't clip someone else's vehicle, or hit a curb and cause a flat tire. I have had ZERO accidents since starting my business.
5	ABS.04.02 Develop production and operational plans for an AFNR business.	Out of the 25 clients that I had in 2024, each of my clients lawns were different. Some clients only wanted me to mow, others wanted me to only trim, but most of my clients wanted me to do everything that I offer. Part of my operation is knowing which clients want certain services done to their lawn, so that I can keep the client base content, as well as plan out the most efficient way to care for each lawn. I review my plans with my parents and my advisor, Mr. Larison, to help me with my plans.

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

AFNR Pathway Standard		Description of Activity
6	PST.02.02 Operate machinery and equipment while observing all safety precautions in AFNR settings.	I correctly operate my mower, weed eater, and blower every time. I maintain and inspect all of my equipment and machinery to make sure that I am not in danger. I wear proper PPE such as eye and hearing protection while using all of my machinery. I safely load and unload all of my equipment and machinery before and after use. I look ahead at every situation and decide whether or not it is a good idea. If something bad happens, I make sure that my client knows and then I try to solve the problem.



7	ABS.02.02 Assemble, interpret and analyze financial information and reports to monitor AFNR business performance and support decision-making (e.g., income statements, balance sheets, cash-flow analysis, inventory reports, break-even analysis, return on investment, taxes, etc.).	I collect all of my receipts after every deposit and withdraw. I also keep an emergency fund at home in case of an accident or an issue. I log all of my withdraws and deposits in a bifold savings booklet that the bank gave me when I first opened my account. It helps me stay organized and accountable through running my business. I try my best to balance account statements in AET. Next year I need to spend less in personal expenses and save money.
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C. Three Career Ready Practice and/or Cluster Skills standards

AFNR Pathway Standard		Description of Activity
8	CRP.01.01 Model personal responsibility in the workplace and community.	Before mowing each yard, I check to see if there are any tree limbs or branches that fell off due to the wind or weather. It is my job, based off of my verbal agreement, to pick up all of the brush before I start mowing. Some of my clients want their grass bagged, so it's my responsibility to follow their request. I blow the sidewalk, driveway and street clear of yard clippings. When equipment is more expensive to repair than it is to buy new, I am responsible for making the business decision.
9	CRP.08.03 Establish plans to solve workplace and community problems and execute them with resiliency.	Factors such as temperature, moisture, and even drought can impact the growth of grass significantly. Understanding how these factors influence plant growth is crucial to scheduling. Drought can stunt the growth of grass development. I've had many instances where dew sets in the morning of a big day and it causes clogging problems, which slows down each yard. Taking that into consideration, I've had to figure out when dew is most likely to set in, so that I can schedule my lawns accordingly.
10	CRP.02.02 Use strategic thinking to connect and apply technical concepts to solve problems in the workplace and community.	Running both 2-stroke and 4-stroke engines have helped me learn more about them. I have to make sure that I don't put 2-stroke oil in a 4-stroke engine, or vice versa, because it could damage the engine. I've had issues with bad carburetors in my 2-stroke machines, such as my Stihl 56 RC and Echo Hedge Trimmer, and have had to replace them. Mix gas is fuel for the engine and the carburetor has main passage ways for the gas into the engine, so it's crucial that the carburetor operates smoothly.





State Star in Agribusiness

Resume

Objective

To graduate high school with a 3.5 GPA or higher.

To attend a junior college and possibly transfer to a bigger university.

To get a great job, doing what I love to do.

Agricultural Classes/Coursework

- Jul 2024-Jun 2025 - Agriculture Structures (5 White)
- Jul 2023-Jun 2024 - Agriculture Mechanics (5 White)
- Jul 2022-Jun 2023 - Plant & Animal Science (3B)
- Jul 2021-Jun 2022 - Agriculture, Food, and Natural Resources (AFNR)
- Jul 2020-Jun 2021 - Exploratory Agriculture

SAE

- 2021-2024 Landscape Management (Ownership) 1 project
- 2021-2024 Wood Splitting Service (Ownership) 1 project
- 2021-2024 Turfgrass Management (Ownership) 1 project

FFA Leadership

- 2024 FFA Chapter White Committee Chair: Help organize and run activities for our FFA chapter
- 2023 FFA Chapter Gold Committee Chair: Help organize and run activities for our FFA chapter
- 2023 FFA Chapter Ag-a-thon Presenter/New Member Recruiter: Helped present about the opportunities students have if they choose to participate in FFA.
- 2022 Greenhand Officer: Secretary

FFA Activities

- 2022 National FFA Competitions: Conduct of Chapter Meetings: Competitor
- 2021 & 2023-National SAE Grant Award Applicant
- 2022-2024 State FFA Competitions - 6 events (Environmental & Natural Resources-State Envirothon; Agricultural Technology & Mechanical Systems; Meats Evaluation; Conduct of Chapter Meetings)
- 2022-2024-Regional & State Environmental & Natural Resources/Envirothon Competitor
- 2021-2024 District FFA Competitions - 17 events (Meats Evaluation; Nursery/Landscape; Veterinary Science; Homesite Evaluation; Parliamentary Procedure; Opening and Closing Ceremonies; Floriculture; Junior Quiz; Junior Prepared Public Speaking; Farm Business Management)
- 2022 FFA State Band Member, State Convention Leadership Workshop Attendee

Community Service

- 2024 Volunteer - Ukrainian Refugee Night at the Farm: Community Engagement Youth Volunteer
- 2024 Volunteer - Farm Bureau Meal & Awards Ceremony: Setup, Server & Cleanup the Event
- 2024 Volunteer - Fall Blood Drive: Volunteer & First Time Donor
- 2023 Volunteer - Fall Blood Drive Volunteer
- 2022 Volunteer - JCLA Banquet: Set up & Serve at the Jackson County Livestock Association Annual Banquet
- 2021 Volunteer - Ag and Water Festival Volunteer: Help mentor & guide youth around the FFA station
- 2021 Volunteer - USDA Farm to Families Food Distribution Volunteer: Hand out food and milk to needy families in the Holton area
- 2021 Volunteer - Adopt-A-Spot Highway 75 Cleanup Volunteer: pickup waste along 2 miles of roadside through Holton



School and Extracurricular Involvement

- 2021-2024 FFA Chapter Member
- 2021-2024 HHS Band: Trumpet 1, First Chair
- 2024 HHS Baseball Team: First Base, Pitcher: Letter Winner
- 2024 HHS Football Team: Right Tackle and Defensive Tackle: Letter Winner
- 2023 HHS Baseball Team: Outfielder, Pitcher
- 2022 HHS Football Team: Center and Defensive End
- 2022 HHS Track Team: Shot put and Discus Competitor
- 2022 HHS Baseball Team: Centerfielder
- 2022 HHS Football Team: Center and Defensive End
- 2021-2023 Evangel Youth Fellowship: Youth member
- 2021 HHS Football Team: Center and Defensive End
- 2021 HMS Track Team: Shot put and Discus Competitor
- 2020 HMS Football: Guard and Nose Guard/Defensive End

Awards and Honors

- 2024 District & Chapter Proficiency Award Winner: Turf grass Management & Landscape Management
- 2024 Kansas FFA Parliamentary Procedure: Champion
- 2024 Kansas FFA State CDEs - Meats Evaluation
- 2024 Regional Envirothon Team member: 1st place
- 2022-2024 Kansas FFA State Meats Judging CDE: Competitor
- 2021, 2023 National SAE \$1000 Grant Recipient
- 2023 State Runner Up Parliamentary Procedure Team: Competitor
- 2023 State Runner up Homesite Team: Competitor
- 2022 National FFA Conduct of Chapter Meetings: Competitor
- 2022 Kansas FFA Conduct of Chapter Meetings: Champion
- 2022 NE District FFA Star Greenhand in Agribusiness
- 2022 National FFA Conduct of Chapter Meetings: Competitor
- 2021 Holton FFA Greenhand Officer

Certifications

- 2024 OSHA 10-Hour General Industry: Agriculture: Through CareerSafe
- 2024 Full Unrestricted Driver's License - KDMV
- 2018 Hunters Education Certification - KDWP

Skills

- 2024 Wood Shop Skills: Circular Saw, Compound Miter Saw, Jig Saw, Sanders, Drills, Hand tools and Safety.
- 2022 Welding Skills: GMAW-MIG Welding, SMAW-6013 Arc Welding and Safety.
- 2021 Shop Skills: Hand tools, Power Tools, Safe Oxy-Act Torch Operation, Plasma Cutting, Brazing and Safety.
- 2021-2024 Proper Turf and Mowing Equipment Maintenance and Operational Skills
- 2021-2024 Proper Landscape Equipment Maintenance and Operational Skills
- 2021-2024 Proper Log Splitting Service and Skills: Safety, Equipment Maintenance and Operational Skills
- 2021-2024 General Business Skills: Recording Keeping, Marketing, Sales, Customer Relations
- 2021 General Computer Skills: Software (Excel, Word, Slides, Canva), Maintain Facebook Page



References

Jason Larison
Ag Teacher/Head FFA Advisor
Holton High School
910 New York
Holton, KS 66436
785-364-0255
j.larison@holtonks.net

Ethan Phillips
Owner/Greenacres Feed and Farm Supply, LLC
24107 US 75 Hwy
Holton, KS 66436
(785) 364-4761
ethan@greenacresfeed.com

Tyler Teske
Mowing Client
419 Kansas
Holton, KS 66436
785-844-0754
tylerteste11@yahoo.com





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.

My name is Noah Bartel, I am 18 years old and a senior at Holton High School. My parents are Alex and Sheri Bartel. I have two siblings: Katina (21) and Elisa (17). I currently live in rural Jackson County. I have been an active member in both band and FFA for 4 years. Outside of school, I love to compete in sports where I play both baseball and football. I earned a varsity letter for my junior and senior years in both football and baseball. Both of these sports have taught me lessons that I can take with me through life. Sports aren't the only thing that I do outside of school. I attend Evangel Global Methodist Church every Sunday and during the spring, summer, and part of the fall, I run my own business. I began with the intention to earn money and to learn about different types of machinery and how to run them, but never really thought about the idea of owning a business before that. I didn't have much money at all, so finding people to work for and acquiring tools and machinery by myself would not be easy to do. FFA has done more for me than I realize. It's not only helped me learn a ton of important skills in life, but has also shaped me into being a better person, leader, teammate, and friend.

My lifelong involvement in FFA started due to my early opportunities. My dad is one of the agriculture education teachers at Holton, so I have been around FFA and going to FFA events my whole life. I have competed in several FFA competitions at the district, state and even national levels. I have been recognized each year as one of the top active members in our chapter. Early on, the two CDEs (career development events) that have impacted me the most are Nursery/Landscape and Ag Mechanics. Being able to identify and care for plants plus being able to maintain and repair my own equipment is invaluable. My journey in FFA hasn't been easy, but the successes I have earned, I can confidently say that I'm proud of.

From the Agriculture classes I have taken and through my experiences, I learned a lot about small engines, both 2-stroke and 4-stroke. The skills from my turfgrass and landscape operations include all the maintenance and operation for each piece of machinery, from simple tools like a handheld bypass pruner, to more complex tools like the zero turn riding lawn mower and the truck I drive. I have learned how to hook up, operate, drive, back up and unhook a trailer correctly. From the log splitting operation, I have learned how to properly operate and maintain a log splitter and how to stack wood effectively to dry for my future customers. I have learned about and applied multiple safety precautions such as wearing safety glasses to protect my eyes, hearing protection to protect my hearing and ears, and I wear pants to protect my legs. I am refining the skill of how to communicate with my clients effectively and respectfully since those are the links to my future clients. I have had to create and follow a budget which is extremely hard because I am a teenager and I have lots of desires to purchase and spend freely. I continue to learn from multiple influencers, both locally and distantly, in person and on the internet.

I take pride in my business that I own and operate called Bartel Lawn Care. I started the business in 2021 by doing basic yard work for my parents and a few community members that I knew from church. My dad helped me get started with letting me use one of my family's push mowers and one of our trucks that he drove. He also helped pay for the gas that I used to mow, and the truck to get from yard to yard. Dad let me use the equipment, as long as I maintained their yard as well. I liked making people happy while getting paid for doing tasks that I enjoyed.

In 2022, I secured a grant through National FFA which transformed my operation tremendously. I purchased an 8 foot by 5 foot utility trailer from Tractor Supply which has helped me by being able to utilize a riding mower or haul larger loads of landscaping material. I made enough money to buy additional equipment, such as a string trimmer and leaf blower from Tarwater Farm and Home and a zero turn riding lawn mower from a family friend here in Holton. I started to file my annual taxes with Mike Tanking, owner of Holton Tax Services. I use my records on AET to do so. I have been able to show expenses and equipment depreciation that help decrease my tax rate.

In 2023, I had my first real hardship. I had to decide whether to take the quick, easy, and cheap approach, or be patient and take the smarter, more logical and trustworthy approach. I made the wrong decision the first time something significantly bad occurred, as I impulsively bought a used riding mower off of Facebook Marketplace. I knew that I made the wrong decision when it broke down halfway through the yard I was mowing that afternoon. I should've taken a couple days, pulled things together, gathered some additional information, and considered all the possibilities. I have had to seek advice from not only my dad but from others in the same industry such as Sam Schumaker. Sam guided me to purchase several new pieces of equipment and has been a true ally as I continue to deliver high quality work in the most efficient ways. As a small business owner I really cannot afford to have any breakdowns since each moment I am not able to work, during the season, I am losing revenue and the opportunity to do more. Because of the breakdowns, I have learned to be more proactive in maintenance and purchasing high quality equipment to limit lost time.

So, with some advice from my dad, I made the best investment for the business by purchasing a Hustler zero turn riding lawn mower. This was the first big purchase that I made with money that I had earned from my own blood, sweat, and



tears. I was able to show not only my parents, but Sam Schumaker, owner of Sam's Equipment and Sales, that I could afford making payments on an equipment loan. I also review my earnings monthly to determine how personal expenses impact my savings. I wrote my second grant for National FFA, giving me another \$1,000 to spend on something SAE related. I needed a way to make some money during the winter months when I couldn't mow. I got into log splitting after working for a family friend, David Klahr, for a couple winters. I saw how useful a log splitter was and thought that it would be important for me to buy one. I shopped for a log splitter for months, only to find the perfect one at Home Depot in Topeka. Over the last year, I have not only learned how yet another piece of machinery runs, but have also learned the many safety precautions that splitting logs requires.

2024 was successful for me, but I was as busy as a bee. I not only had to run a business, but also had legion baseball that summer too. This was for sure the busiest I've ever been business-wise with over 20 clients. I became almost completely independent, as I only used Dad's truck and the fuel from the labor exchange for the mowing season. All of the other equipment used in previous years are all mine now, as I've purchased my own, all through either Tarwater Farm and Home or Sam's Equipment and Sales in Holton.

Flashing forward to today, Bartel Lawn Care is still growing. I'm consistently caring for people's yards around town and I still mow my parents' yard every time that they need it mowed. I can't thank my parents enough for everything that they have helped me with, whether it be the numerous things they let me borrow at the start of my business, or the time they have spent with me outside of work and school. I still split wood in the winter time as I'm unable to mow. I keep track of all my daily work and save that onto a Google Sheets program so I can later bill the customer. I collect and deposit my earnings, to Denison State Bank, and ratify those in AET and Google Sheets and my monthly bank statement. That is not the funnest part, but record keeping is crucial to my business's success.

For my future, I want to get further training at a tech school or junior college in the trades such as landscaping or turfgrass management. I am open to attending a 4-year university to further training if need be. I hope to keep all of my equipment that I purchased in past years. No matter what, I want to strive to be the best I can, to get a great job, doing what I am passionate about, working to beautify the world. Last year, my Turfgrass and Landscape Proficiency Awards for my SAE work finished as a district winner and just shy of being a state winner. I am extremely thankful for the opportunities that my SAEs have brought me and hope it continues. I have developed friendships in my community because of these SAEs. It has shown me how truly connected Agriculture can be and has shaped me into the person that I am today.





State Star in Agribusiness

Safety Photo #1



SAFETY PRACTICE - PRE-TRIP INSPECTION:

Before leaving the house, I make sure that everything that I need for the day is loaded and secured. An important thing to check is the truck and trailer's tire pressure. If everything rides stable, it is much more safe and will prolong the life of the tire. The trailer hitch, lights, and safety chains are properly hooked up to the truck. I haven't lost any equipment using this safety practice.





BLOWING OFF SIDEWALKS AND PATIOS

Before I leave each yard, I use my Echo PB9010T backpack blower to blow the grass clippings off of the sidewalks and patios. This was one of my best investments this season, as it not only makes the client's property look more inviting, but clean. The client won't have to drive or walk through grass clippings to get into their house. While operating the blower, I use proper hearing protection to ensure that I don't lose or damage my hearing.





State Star in Agribusiness

Project Photo #3



MOWING ON SLOPES

On one of my client's yard, there are lots of slopes that are difficult to mow. Mowing slopes is a dangerous task even if you have experience. I have to stay on the top side of the hill, so that I don't accidentally roll the mower. After it has rained, it's important that I'm careful mowing slopes, because there is always a risk of sliding into the ditch. I have mowed this slope a lot and I'm very comfortable mowing more slopes now.





IMPORTANCE OF TRIMMING

Trimming is essential in the clean look of a yard. It sharpens up the edges and cuts the grass where you can't get a mower to cut it. Occasionally, it isn't grass I am trimming, it's light brush or weeds. In this case, I go through string twice as fast and it becomes a much slower job. Sometimes trimming on hilly slopes is good, so that I don't run the risk of rolling my mower. If a ditch is too wet to mow, I'll use my weed eater instead so that I don't tear up the ground.





CLEANING OUT THE MOWER DECK

After about every month of mowing, I jack up the front end of my mower to clean out the deck. Before I do so, I make sure to remove the blades to prevent any accidents or injuries. Cleaning out the inside of the deck prevents corrosion and allows proper airflow for a cleaner cut. While scraping the clumps of dead grass off of the deck, I make sure to wear proper PPE to protect my eyes from any debris that might fall on my face.





State Star in Agribusiness

Project Photo #6



SHARPENING BLADES

Sharpening blades is an important part of the maintenance that I do on all of my mowers. Sharpening your blades ensures a clean cut and prevents any blade of grass from being uncut. While sharpening the blades, I wear Z87 protective safety glasses to ensure that any flying sparks or shards of metal don't get thrown into my eyes. After sharpening my blades, I make sure that they are balanced, so that I don't damage the blade shaft, spindle, or engine due to excess vibration.





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 - Holton

Noah Bartel 604160769

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SAE Agreement - Bartel Lawn Care

SAE Information

Name:	Bartel Lawn Care
SAE Type:	Entrepreneurship/Ownership
AFNR Pathway/Category:	Plant Systems - Turfgrass

SAE Plan - Bartel Lawn Care

Description

My Supervised Agricultural Experience is that I own and operate my own business called Bartel Lawn Care. The services I provide include mowing, trimming, string edging, blowing off sidewalks and patios, small brush removal, and raking leaves. At the beginning of 2021, I borrowed equipment from my Dad in trade of labor from another project at home. I was able to purchase a new weed eater (Stihl 56 RC) and a used blower (Stihl 55 BG) from Tarwater Farm & Home in Holton.

Bartel Lawn Care started out with few clients which grew to 11 by the end of 2021. In 2022, I was able to acquire a trailer from a National FFA grant which enabled me to purchase a used zero turn riding mower (Gravely ZT2148). In 2022, I consistently care for 20 different clients' lawns. Some of these clients have some additional landscaping work such as trimming hedges and bushes. I continue to stay in contact with all of my clients through Facebook Messenger and texting and advertise Bartel Lawn Care on Facebook.

Bartel Lawn Care determines the price for each client by the labor and tools involved, the proximity of other clients, the amount of grass that needs to be cut and hauled away if bagged, how difficult the tasks are and if the clients are to be put on a weekly schedule. Each year I collect information from my clients for how I can improve my business and make it more efficient. I reinvest every year by purchasing new equipment and selling my old equipment and will actively save money for college.

Time Investment

I work when I have time in the evenings and weekends until school is out, then I work almost every week day in the summer for about 3-6 hours.

Financial Investment

The funds I need to invest in my project are from previous years of mowing. In 2020 I had money earned from other projects that I will use to invest into my mowing business. I plan on using the previous years funds to purchase better equipment.

Learning Objectives (SAE Skills):

Skill Area	Planned Activities	Results or Outcome
ABS.02.02 Assemble, interpret and analyze financial information and reports to monitor AFNR business performance and support decision-making (e.g., income statements, balance sheets, cash-flow analysis, inventory reports, break-even analysis, return on investment, taxes, etc.).	I record all of my deposits and withdraws in a bifold booklet that the bank gave me when I first opened my account. I try my best to record all of my account statements.	In 2021 - I wrote my information in a small notebook. In 2022, 2023 and 2024 - I used my iPhone to record notes of each yard. I keep a schedule on my phone. Bank Every year, Bank Statements are filled in my business folder at home.
ABS.04.03 Identify and apply strategies to manage or mitigate risk.	I wear proper PPE, such as hearing and eye protection to help keep me safe. I operate all machinery correctly to help mitigate risk.	In 2021, 2022, 2023 and 2024 I continue to wear the appropriate PPE while I use the equipment. I have had ZERO accidents to me or my customers structures and property.
ABS.05.02 Assess and apply sales principles and skills to accomplish AFNR business objectives.	I will work hard, earn money, record it in AET. I budget my money well by putting most of it in my savings account, some in my emergency fund, and keep some to spend or reinvest.	In 2021, I earned \$1433. In 2022, I earned \$4010. In 2023, I earned \$5192. In 2024, I earned \$

Budget - Bartel Lawn Care

Income/Expense Type	Amount	Notes
Expense - Fertilizer and Lime	\$25.00	
Expense - Gas, Fuel, and Oil	\$600.00	
Expense - Other Expenses	\$1800.00	
Expense - Repairs and Maintenance	\$30.00	
Expense - Supplies	\$50.00	
Income - Crop/Forage Sales	\$2000.00	
Income - Other Income or Premium	\$1000.00	

SignaturesNoah Bartel

Student

2/20/2025 2:42:00 PM

Date

Alex E Bartel

Parent / Guardian

2/20/2025 5:06:00 PM

Date

Jason Larison

Ag Science Teacher

2/24/2025 1:57:00 PM

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.



KS - Holton

Noah Bartel 604160769

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SAE Agreement - Landscape Management

SAE Information

Name:	Landscape Management
SAE Type:	Entrepreneurship/Ownership
AFNR Pathway/Category:	Agribusiness Systems - Landscape Management

SAE Plan - Landscape Management

Description		
<p>My Supervised Agricultural Experience is that I own and operate my own business called Bartel Lawn Care. The services I provide include landscape management and care. I will help trim and maintain bushes and trees, install landscapes, snow removal and basic landscape needs form each client in the Holton area.</p> <p>Bartel Lawn Care started out with few clients which grew to 11 by the end of 2021. In 2022, I was able to acquire a trailer from a National FFA grant which enabled me to purchase a used zero turn riding mower (Gravely ZT2148). In 2022, I consistently care for 20 different clients' lawns. Some of these clients have some additional landscaping work such as trimming hedges and bushes. I continue to stay in contact with all of my clients through Facebook Messenger and texting and advertise Bartel Lawn Care on Facebook.</p> <p>Bartel Lawn Care determines the price for each client by the labor and tools involved, the proximity of other clients, the amount of grass that needs to be cut and hauled away if bagged, how difficult the tasks are and if the clients are to be put on a weekly schedule. Each year I collect information from my clients for how I can improve my business and make it more efficient. I reinvest every year by purchasing new equipment and selling my old equipment and will actively save money for college.</p>		
Time Investment		
<p>I work when I have time in the evenings and weekends until school is out. Then I will work when I have clients, available to spend 3-6 hours.</p>		
Financial Investment		
<p>The funds I need to invest in my project are from previous years of mowing. In 2020 I had money earned from other projects that I will use to invest into my mowing business. I plan on using the previous years funds to purchase better equipment.</p>		
Learning Objectives (SAE Skills):		
Skill Area	Planned Activities	Results or Outcome
ABS.02.02 Assemble, interpret and analyze financial information and reports to monitor AFNR business performance and support decision-making (e.g., income statements, balance sheets, cash-flow analysis, inventory reports, break-even analysis, return on investment, taxes, etc.).	I record all of my deposits and withdraws in a bifold booklet that the bank gave me when I first opened my account. I try my best to record all of my account statements.	I recorded all of my deposits and withdraws in a envelope. I tried my best to record all of my account statements.
ABS.04.03 Identify and apply strategies to manage or mitigate risk.	I wear proper PPE, such as hearing and eye protection to help keep me safe. I operate all machinery correctly to help mitigate risk.	I wore proper PPE, such as hearing and eye protection to help keep me safe. I operated all machinery correctly to help mitigate risk.
ABS.05.02 Assess and apply sales principles and skills to accomplish AFNR business objectives.	I will work hard, earn money, record it in AET. I budget my money well by putting most of it in my savings account, some in my emergency fund, and keep some to spend or reinvest.	I worked hard, earn money, record it in AET. I budgeted my money well by putting most of it in my savings account, some in my emergency fund, and keep some to spend or reinvest. I also market my work on Facebook to help gain clients.

Budget - Landscape Management

Income/Expense Type	Amount	Notes
Income - Product/Service Sales	\$1155.00	earned from 2021-2023

Signaturesnoabartel@holtonks.net2/24/2025 3:01:00 PM

Student

Date

Alex E Bartel2/24/2025 3:53:00 PM

Parent / Guardian

Date

Jason Larison2/24/2025 3:10:00 PM

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.



KS - Holton
Noah Bartel 604160769
SAE Agreement - Log Splitting

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SAE Information

Name:	Log Splitting
SAE Type:	Entrepreneurship/Ownership
AFNR Pathway/Category:	Agribusiness Systems - Service

SAE Plan - Log Splitting

Description		
I starting this project in the off season of my mowing business. I plan on working on occasional weekends to split and stack wood for future sales. I use my extra labor and supplies from home to take this is opportunity for me to stretch into a different business area.		
Time Investment		
I will spend weekends, during late fall through early spring time, splitting and stacking wood. This will be just a few hours each weekend when I am available.		
Financial Investment		
I initially I will not purchase any equipment and will charge either by labor or the amount of wood processed or based on how long the job takes.		
Learning Objectives (SAE Skills):		
Skill Area	Planned Activities	Results or Outcome
ABS.03.01 Develop, assess and manage cash budgets to achieve AFNR business goals.	I plan to develop a budget using Google Sheets. I will manage my earnings through AET. My current goal is to earn \$250 in a season.	I earned \$200 in 2021 and \$170 in 2022. I was able to log my hours and time in a Google Sheet.
ABS.04.03 Identify and apply strategies to manage or mitigate risk.	I plan on lifting the correct way, such as using my legs and not my back, when lifting objects. I plan on using the log splitter within its tolerance and range; not to overload it. I will keep my hands and body away from pinch points.	I did not occur any injuries from my work in 2021 nor 2022.
CRP.01.01 Model personal responsibility in the workplace and community.	I plan on wearing good leather gloves, durable clothes and shoes. I plan on wearing appropriate hearing protection.	I used appropriate clothing and shoes. I wore hearing protection when I worked with the splitter.
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.	I plan on building a good business relationship with others that could help me do other work for him in the future.	I received praise for my work and he showed off my handy work to other family members when they were around.
CRP.03.02 Design and implement a personal financial management plan.	I will develop a plan that is for a year and track it on AET.	I have used AET to help track my income and expenses for my project.

Budget - Log Splitting

Income/Expense Type	Amount	Notes
Income - Product/Service Sales	\$300.00	Paid at \$10/hr, estimated 10 hours a month, working 3 months (December, January, February).

Signatures

noabartel@holtonks.net

Student

2/24/2025 3:04:00 PM

Date

Alex E Bartel

Parent / Guardian

2/24/2025 3:54:00 PM

Date

Jason Larison

Ag Science Teacher

2/24/2025 3:10:00 PM

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.



Holton FFA Chapter



March 11, 2025

Dear State FFA Star in Agribusiness Selection Committee:

I have had the pleasure of having Noah Bartel in class for the last 4 and a half years and as the son of my teaching partner Mr. Bartel, I have known him his entire life. Noah has been an outstanding FFA member and student. He is one of our committee chairs, active on the Envirothon team, was a member of our national conduct of meetings team plus a vital part of our State Champion Parliamentary Procedure team last year. In school he is a varsity letter winner on the football and baseball teams plus is a gym rat in the weight room. He is a hard worker in many aspects of his life.

For his SAE, Noah is the owner and operator of Bartel Lawn Care in Holton, Kansas. His business has grown over the years and his focus is on high quality work and professional service. His knowledge is strong and he has set high goals and achieved them. From billing, to mowing, to bidding clients and everywhere in between, Noah has developed valuable business skills and relationships. Noah has learned a few things the hard way about purchasing used equipment and strengthening his preventative maintenance program which is what makes this SAE such a valuable learning project. He has added services such as tree and shrub removal, minor landscape jobs and much more. He is a three time NE District Champion in Turf Grass Management, State Finalist in 2024. Two time District Champion in Landscape Management and State Finalist in 2024 Landscape as well. I truly believe he is poised for a National Gold or Finalist proficiency run this year.

I believe if you look closely, you will see the skills, experience, and knowledge will show Noah Bartel is an outstanding candidate for the State FFA Star in Agribusiness Award. I think a student and agribusinessman like Noah is exactly what this whole award is about. Please do not hesitate to ask if there is any additional information that I can provide.

Sincerely,

A handwritten signature in black ink that reads 'Jason M. Larison'.

Jason M. Larison
Holton FFA Advisor

Ethan Phillips
Greenacres Feed and Farm Supply, LLC
24107 US 75 Hwy
Holton, KS 66436
March 7th, 2025

To whom it may concern:

Noah Bartel, with Bartel Lawn Care has mowed and landscaped for Greenacres Feed and Farm Supply, LLC for about a year. Greenacres Feed and Farm Supply became a client for Bartel Lawn Care last year while the company was looking for a mowing business that went above and beyond just "mowing".

Noah is a bright and knowledgeable individual. He is highly self-motivated and well capable of achieving any goal he sets his mind to. Noah was easy to schedule with, flexible and did not miss any deadlines. We look forward to working with Noah again this warm season.

If you would like additional information about Noah, you can reach me at ethan@greenacresfeed.com.

Sincerely,

Ethan Phillips
Owner, Greenacres Feed and Farm Supply



March 8, 2025

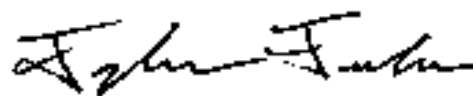
Dear FFA Selection Committee,

I am writing to recommend Noah Bartel for consideration to be recognized with the Kansas Star Award in Agribusiness. As a client of Bartel Lawn care, I have seen Noah demonstrate all of the qualities for this recognition.

Noah has proven to be a hardworking and dependable business owner. He openly communicates about scheduling, always shows up on time, and provides consistent quality of work. He is efficient with his time while maintaining the quality of care when mowing my lawn. Noah is proactive, checking in when storms have taken down tree limbs and when there has been snow accumulation, to see what additional services he can provide, which has reduced the stress I have in managing my yard. The rapport he has built with me as a customer makes me feel comfortable reaching out if needs or questions come up between our regularly scheduled services. I appreciate Noah's dedication and care put in to my yard and look forward to continuing being his customer moving forward.

Noah is an excellent student and member of the community, who has set himself up for success academically, and professionally. Whether it's in the classroom or managing his lawn care business, his dedication and work ethic shine through. Should you have any further questions about Noah, please feel free to reach me through email at tylerteskell@yahoo.com or by phone at 785-844-0754.

Thank you,



Tyler Teske