



**Agriculture, Food, and Natural Resources Career Pathway - Plant Systems**  
**North Central Region**  
**Stratford High School - 2023-2025**



**EXPLORE:** Click on the links to find the job titles that seem most interesting to you to learn more! Save any jobs you are interested in from this career pathway in your XELLO account so that you can create an Academic and Career Plan (ACP) later on.

Educational Level May also require work experience	Agribusiness and Biotechnology Systems	Animal Systems	Environmental & Natural Resource Systems/Forestry & Forest Products	Food Products & Processing Systems	Plant Systems	Power, Structural, & Technical Systems
High School Diploma, Certification	<ul style="list-style-type: none"> <li><a href="#">Farm Operations Manager</a></li> <li><a href="#">Auctioneer</a></li> <li><a href="#">Office Manager</a>*</li> <li><a href="#">Data Processor</a></li> <li><a href="#">Research Assistant</a>*</li> <li><a href="#">Specimen Collector</a></li> <li>\$30,000-\$62,000</li> </ul>	<ul style="list-style-type: none"> <li><a href="#">NonFarm Animal Caretakers</a>*</li> <li><a href="#">Farmworkers, Farm, Ranch, Aquaculture Animal Workers</a></li> <li><a href="#">Pet groomer</a></li> <li>\$28,000-\$31,000</li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Field Operator</a>*</li> <li><a href="#">Logging Equipment Operator</a></li> <li><a href="#">Forest Products/Saw Mill Technician</a></li> <li><a href="#">Forest and Conservation Workers</a></li> <li><a href="#">Recreation Program Lead</a>*</li> <li><a href="#">Visitors Services State Park</a>*</li> <li>\$29,000-\$45,000</li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Production Technician</a></li> <li><a href="#">Material Handler</a>*</li> <li><a href="#">Slaughter Processor</a></li> </ul> <p>\$29,900-\$48,040</p>	<ul style="list-style-type: none"> <li><a href="#">Farmworkers, Crops, Nursery, Greenhouse Workers</a></li> <li><a href="#">Pest Control Workers</a></li> <li><a href="#">Landscaper</a>*</li> </ul> <p>\$29,630-\$38,270</p>	<ul style="list-style-type: none"> <li><a href="#">Agricultural Equipment Operator</a>*</li> <li><a href="#">Truck Driver</a>*</li> </ul> <p>\$30,000-\$60,000</p>
Certification or Technical Diploma	<ul style="list-style-type: none"> <li><a href="#">Spanish Translation Coordinator</a>*</li> <li><a href="#">Biotechnology Lab Technical Assistant</a>*</li> <li><a href="#">Research Technician</a></li> <li>\$34,000-\$59,280</li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Artificial Insemination Technician</a></li> <li><a href="#">Farrier</a></li> <li><a href="#">Livestock Hauler</a>*</li> <li>\$25,000-\$42,000</li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Sanitation Coordinator</a></li> <li><a href="#">Propane and Fuel Transporter</a></li> <li><a href="#">Forest Transporter</a>*</li> <li><a href="#">Mill Supervisor</a></li> <li><a href="#">Log Yard Operator</a></li> <li>\$28,000-\$63,200</li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Lab Technician</a>*</li> <li><a href="#">Sanitation Processor</a></li> <li><a href="#">Evisceration Processor</a></li> </ul> <p>\$26,000-\$46,590</p>	<ul style="list-style-type: none"> <li><a href="#">Soil Testing Technician</a></li> <li><a href="#">Custom Applicator</a></li> <li><a href="#">Crop Scout</a></li> </ul> <p>\$32,300-\$54,000</p>	<ul style="list-style-type: none"> <li><a href="#">Service Technician</a>*</li> <li><a href="#">Diesel Mechanic</a></li> <li><a href="#">Welder</a>*</li> <li><a href="#">Parts Sales Specialist</a></li> <li>\$30,000-\$70,000</li> </ul>
Registered Apprenticeship		<ul style="list-style-type: none"> <li><a href="#">Dairy Grazier</a></li> </ul> <p>\$37,800-\$120,000</p>	<ul style="list-style-type: none"> <li><a href="#">Wastewater Treatment Plant Operator</a></li> <li><a href="#">Arborist</a>*</li> <li><a href="#">Environmental Systems Technician and HVAC Installer Technician</a>*</li> <li><a href="#">Water and Wastewater Treatment Plant Worker</a></li> <li>\$38,000-\$58,675</li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Maintenance Mechanic/Journeyworker</a>*</li> </ul> <p>\$45,000 - \$59,000</p>	<ul style="list-style-type: none"> <li><a href="#">Organic Vegetable Farm Manager</a></li> </ul> <p>\$45,300-\$56,300</p>	<ul style="list-style-type: none"> <li><a href="#">Heavy Equipment Operator and Operating Engineer</a>*</li> <li><a href="#">Maintenance Technician</a>*</li> <li><a href="#">Welder-Fabricator</a>*</li> </ul> <p>\$40,000-80,000</p>
Associate Degree	<ul style="list-style-type: none"> <li><a href="#">Agricultural Salesperson</a>*</li> <li><a href="#">Technology Programmer</a>*</li> <li><a href="#">Biotechnology Lab Tech</a>*</li> <li><a href="#">Agricultural Tax Specialist</a></li> <li><a href="#">Biotechnology Researcher</a></li> <li><a href="#">Agricultural Information</a></li> <li><a href="#">BioFuels Technician</a></li> <li><a href="#">Agricultural Certification Spec.</a></li> <li>\$38,000-\$100,000</li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Veterinary Technician</a>*</li> <li><a href="#">Breeding Manager</a></li> <li><a href="#">Companion Animal Trainer</a>*</li> </ul> <p>\$31,000-\$47,000</p>	<ul style="list-style-type: none"> <li><a href="#">Forest and Conservation Technician</a></li> <li><a href="#">Forest Equipment Maintenance Technician</a>*</li> <li><a href="#">Arborist</a>*</li> <li><a href="#">Forest Product Specialist</a></li> <li><a href="#">Log Grader</a></li> <li><a href="#">Lumber Sales/Inspector</a></li> <li><a href="#">Dry Kiln Operator</a></li> <li>\$36,750-\$74,930</li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Supply Chain Associate</a>*</li> <li><a href="#">Quality Assurance Specialist</a></li> <li><a href="#">HACCP Coordinator</a></li> <li><a href="#">Storage and Hygiene Coordinator</a></li> </ul> <p>\$47,000-\$67,280</p>	<ul style="list-style-type: none"> <li><a href="#">Seed Sales</a>*</li> <li><a href="#">Nutrient Manager</a></li> <li><a href="#">Shipping Coordinator</a></li> </ul> <p>\$44,000-\$61,410</p>	<ul style="list-style-type: none"> <li><a href="#">Service Manager</a></li> <li><a href="#">Fabrication Technician</a>*</li> <li><a href="#">Power Systems Engineer</a></li> </ul> <p>\$40,000-65,000</p>
Bachelor Degree and beyond	<ul style="list-style-type: none"> <li><a href="#">Agricultural Marketer/ Communicator</a></li> <li><a href="#">Agricultural Lender</a></li> <li><a href="#">Agricultural Educator</a>*</li> <li><a href="#">Agricultural Lawyer</a>*</li> <li><a href="#">Geneticist</a></li> <li><a href="#">Embryologist</a></li> <li><a href="#">Biochemist</a>*</li> <li>\$39,000-\$160,000</li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Feed Specialist/Nutritionist</a>*</li> <li><a href="#">Geneticist</a></li> <li><a href="#">Veterinarian</a></li> </ul> <p>\$53,280-\$111,000</p>	<ul style="list-style-type: none"> <li><a href="#">Environmental Engineer/Manager</a>*</li> <li><a href="#">Forester &amp; Urban Forester</a></li> <li><a href="#">Water/Wastewater Engineer</a></li> <li><a href="#">Environmental Educator</a>*</li> <li><a href="#">Forestry Inventory Analyst</a></li> <li><a href="#">Paper Scientist</a></li> <li><a href="#">Geographic Information System Analyst</a></li> <li>\$45,000-\$137,000</li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Food Scientist</a>*</li> <li><a href="#">Meat Inspector</a></li> <li><a href="#">Supply Chain Coordinator</a>*</li> </ul> <p>\$40,700-\$100,000</p>	<ul style="list-style-type: none"> <li><a href="#">Precision Agriculture Specialist</a>*</li> <li><a href="#">Safety Specialist</a>*</li> <li><a href="#">Crop Specialist/Agronomist</a>*</li> <li>\$52,000-\$59,000</li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Precision Equipment Specialist</a>*</li> <li><a href="#">Agricultural Engineer</a></li> <li><a href="#">Geographic Information System Specialist</a>*</li> <li>\$40,430-\$82,640</li> </ul>
Postsecondary Options	Click <a href="#">HERE</a> for Postsecondary Options	Click <a href="#">HERE</a> for Postsecondary Options	Click <a href="#">HERE</a> for Postsecondary Options	Click <a href="#">HERE</a> for Postsecondary Options	Click <a href="#">HERE</a> for Postsecondary Options	Click <a href="#">HERE</a> for Postsecondary Options

\* BRIGHT OUTLOOK = these jobs are expected to grow in the future - which means more opportunities for you! XELLO = you can learn more and save this job in your Xello account (note: some job titles might look a little different in Xello)



# Agriculture, Food, and Natural Resources Career Pathway - Plant Systems

At Stratford High School

Your Academic and Career Plan (ACP) for this career pathway starts here.

Use this page to determine which classes and activities you will take to prepare for this career pathway. Record your plan in XELLO.



<b>Career and Technical Education Courses</b>	Must include a sequence of at least TWO Career and Technical Education courses. Should align with CTE standards for the pathway: <ul style="list-style-type: none"> <li>• Exploratory AgriScience</li> <li>• Exploratory Ag Biotechnology</li> <li>• Leadership</li> <li>• Horticulture</li> <li>• Advanced Horticulture</li> <li>• Environmental Science</li> </ul>						<b>CAREER EXPLORATION PROGRAMS</b>
<b>Additional Employer Recommended Courses</b>	<ul style="list-style-type: none"> <li>• Computer Apps</li> <li>• Intro to Business</li> </ul>						State: <ul style="list-style-type: none"> <li>• <a href="#">Careers in Dairy videos</a></li> </ul>
<b>Career and Technical Student Organization</b>	<a href="#">Wisconsin FFA Organization</a> <a href="#">National FFA Organization</a>						
<b>Work-Based Learning Program Options</b>	<ul style="list-style-type: none"> <li>• <a href="#">Youth Apprenticeship</a> (450 hrs/year; 1-2 years)</li> </ul>						
<b>Industry Recognized Credential Options</b> Learn the skills that employers want to see!  <i>Italics = must be 18 years old to obtain</i>	Agribusiness Systems	Animal Systems	Biotechnology Systems	Environmental & Natural Resource Systems	Food Products & Processing Systems	Plant Systems	Power, Structural, & Technical Systems
						<a href="#">Pesticide Applicators Certification</a>	
<b>College Credit Opportunities</b>  You can find the list of college credit opportunities included in the postsecondary options for this pathway <a href="#">HERE</a> .	College Courses Offered at Your High School						
	<b>Transcribed Credit</b> <ul style="list-style-type: none"> <li>• Intro to Soils - NTC</li> <li>• Intro to Agronomy - NTC</li> </ul>			AP and/or IB Courses			
	College Courses You Can Take at a College Campus						
	Application Deadlines:						
	October 1st: Spring Courses		February 1st: Summer Courses (ECCP only)		March 1st: Fall Courses		
	Start College Now			Early College Credit Program			