

**Agribusiness**

High School Entry Level	Associate Degree Entry Level	Bachelor Degree Entry Level
Retail Sales (Farm Supply Store) Food Processing (Prairie Farms, IBP) Farm Labor Crop Production Labor Transportation Manual Labor in Various Areas of Agriculture	Crop Production Inputs (Custom Applicators) Feed Mills - Sales / Management Swine Management Grain Elevator Management Technicians Precision Agriculture Transportation, Sales	Finance / Banking Management Retail Sales – Management Farmers Mechanics/Technicians

**Ag Mechanics**

High School Entry Level	Associate Degree Entry Level	Bachelor Degree Entry Level
Entry Level jobs Construction jobs, parts sales, equipment assembly, small equipment operator, small engine technician, machinery & equipment maintenance & service, ag building construction, shop maintenance, welding, grain storage construction, tire & muffler repair, truck driver	Tech/diagnostic, surveying, computer, construction foreman, electrician, equipment repairmen/ mechanics, mining technology, skilled labor, hydraulics repair/ installation, plumbing, Process Control Technician, GPS Operator, Inventory controller, machinery computer diagnostics, sales and marketing	Sales and marketing, Engineers (mechanical, mining, ag, chemical) Company Service Reps Service Trainers

**Horticulture**

High School Entry Level	Associate Degree Entry Level	Bachelor Degree Entry Level
Nursery laborer Landscape laborer Lawn mower Golf course laborer Greenhouse laborer Floral design laborer Golf course mechanic	Production designer Service technicians Greenhouse production Own business (install, turf mgt. arborist) Sales & retail for landscapers Consultant	Sales Account managers Research assistant Plant breeding assistant Landscape designer & Forester Greenhouse manager Public horticulturist Irrigation/Water manager US customs – pest inspector Horticulture therapist Public Relations specialist

**Agriculture Science**

High School Entry Level	Associate Degree Entry Level	Bachelor Degree Entry Level
Livestock care Vet Service Grain & Livestock Farm Worker General Farm Laborer Food Service Worker Meat Plant Workers Breeding Barn Assistants	Crop Production Applicator Crop Scout Precision Ag Technician Livestock Procurement All Sales Positions Operational Management Research Technicians Swine Farrowing Manager	Food Science – Product Development Plant Breeder Assistants Fert & Chem District Managers Drug & Feed Reps All Sales Positions Research Technicians

**Natural Resources**

High School Entry Level	Associate Degree Entry Level	Bachelor Degree Entry Level
-Logger -Fisherman -Taxidermist -Miner -Retail- Sporting goods -Parkground maintenance -Recycling coordinator -Wildlife Producer -Trapper -Hunter	-Forester fire dog -Soil Technician -Water quality technician -Wildlife animal caretaker -Fish Hatchery worker/mgr -EPA technician -Campground manager	-Urban forestry -Arborist -NCRS technician -Conservation police officer -Ecologist -Environmental Quality Mgr -Watershed planner -Resource Conservationist -District Conservationist -Forester -Safety educational trainer -Fish and Game officer

**B - What job skills do graduates need for positions at each level - high school, associate degree, and bachelor degree? (\* indicates skills that many employees are currently lacking)**

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<p><i>*Basic Math and Communication Skills</i>  <i>*Work Ethic, Reliability</i>  <i>*Ability to give and receive oral &amp; written instructions.</i>                      Data entry, Listening skills                      Physical Ability                      Valid Driver's License                      Basic Computer Skills                      Time Management                      Career Exposure</p>	<p><i>*Math and Communication Skills</i>  <i>*Professionalism</i>  <i>*Business Etiquette</i>  <i>*Customer Relations</i>                      Record Keeping                      Business Loyalty                      Certification                      Internship experience                      Financial Management                      Global Awareness                      Computer Skills</p>	<p><i>*Managerial Skills</i>  <i>*Planning &amp; Negotiation Skills</i>  <i>*Problem-Solving Skills</i>  <i>*Leadership</i>  <i>*Multi-tasking, Integrity</i>                      Ability to work alone and as a team.                      Ethics, Loyalty, Honesty                      Communication Skills                      Global Experiences                      Internships                      Knowledge of Economics</p>

**Ag Mechanics**

<b>High School Entry Level</b>	<b>Associate Degree Entry Level</b>	<b>Bachelor Degree Entry Level</b>
<p><i>*Communication skills</i>                      Basic computer and math skills                      Measurement tool usage                      Reading comprehension                      Work ethic                      Mechanical/electrical aptitude                      Personal skills                      Diagnostic abilities                      Importance of accuracy; basic surveying, welding, and basic carpentry skills.</p>	<p><i>*Management skills</i>  <i>*Communications Skills</i>                      Basic computer and math skills                      Measurement tool usage                      Reading comprehension                      Use your hands with your mind</p>	<p><i>*Management Skills</i>  <i>*Communications skills</i>  <i>*Bilingual skills</i>                      Engineering                      Diagnostic skills                      Measurement                      Surveying</p>

**Horticulture**

<b>High School Entry Level</b>	<b>Associate Degree Entry Level</b>	<b>Bachelor Degree Entry Level</b>
<p><i>*Basic plant knowledge</i>  <i>*Equipment skills</i>  <i>*Communication skills</i>  <i>*Writing/Reading/Math</i>  <i>*Ability to be trained</i>  <i>*Work ethic</i></p>	<p><i>*Design golf courses</i>  <i>*Plant propagation</i>  <i>*Business skills</i>  <i>*IPM</i>  <i>*Construction</i>  <i>*Lab skills</i>  <i>*Problem solving</i>  <i>*Plant knowledge</i></p>	<p><i>*Internship experience</i>  <i>*Technical science</i>  <i>*Advanced plant knowledge</i>  <i>*Big Picture problem solving</i>  <i>*Research skills</i>  <i>*Certifications</i>  <i>*Public speaking skills</i></p>

**Agriculture Science**

<b>High School Entry Level</b>	<b>Associate Degree Entry Level</b>	<b>Bachelor Degree Entry Level</b>
<p><i>*Work Ethic</i>  <i>*Listening, Understanding &amp; Following Directions</i>  <i>*Initiative &amp; Promptness</i>                      Responsibility                      Attention to Detail                      Basic Computer Skills</p>	<p><i>*Written &amp; Oral Communication</i>  <i>*Basic Math, Science &amp; Business</i>  <i>*Decision Making</i>                      Increased People Skills                      Technical Skills in specific areas</p>	<p><i>*Increase People Skills</i>  <i>*Basic Business Operation &amp; Management</i>  <i>*Critical Thinking</i>  <i>*Team &amp; Interpersonal Skills</i>  <i>*Situational Problem Solving</i>                      Skill Specific Knowledge Gained Through Internships</p>

**Natural Resources**

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<p><i>*Math – job skills</i>  <i>*Basic computer skills</i>  <i>*Penmanship</i>  <i>*Work ethics</i>                      -Small and large equipment maintenance and safety                      -Map reading                      -Life skills</p>	<p><i>*Oral and written job skills</i>  <i>*Word processing, presentation skills</i>                      -Content Mastery</p>	<p><i>*Advanced oral and written communication skills</i>  <i>*Advanced content mastery</i>  <i>*Strong math and science skills</i>  <i>*Interpersonal skills</i>  <i>*Analytical thinking and problem solving</i>                      -Economics</p>