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Meeting the Demands of Alaska's Agriculture

What The Stakeholders Are Asking For

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graph LR; A[What The Stakeholders Are Asking For] --> B[Proactively advance Agriculture & Natural Resource/FFA educational opportunities & Ag. Literacy]; A --> C[Establish a strong FFA Foundation to grow FFA in Alaska]; A --> D[Increase FFA membership while providing more leadership and scholarship opportunities for students]; A --> E[Organized effort to educate high school age students about the food, fiber & natural resource industry];
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Proactively advance Agriculture & Natural Resource/FFA educational opportunities & Ag. Literacy

Establish a strong FFA Foundation to grow FFA in Alaska

Increase FFA membership while providing more leadership and scholarship opportunities for students

Organized effort to educate high school age students about the food, fiber & natural resource industry

The Comprehensive Model





What Are The People Saying?

**Producers say we need workers,
researchers, marketing**

**Students & parents wanting to learn
about more about agriculture**

**Food security is a problem supply is a
problem**

We want the quality of locally grown



What's In?

- Strengthening career training to meet current demands
- Agriculture & Natural Resources being integrated with FFA into schools
- Advancing FFA to provide unique opportunities for students



What's Out?

- Negative views of Agriculture and Natural Resource Careers
- Lack of money to provide program support in schools
- Cows/Plows/Sows Mentality
- FFA as a after school club

Careers

Agricultural and Food Science Technicians

Agricultural Inspectors
Agricultural Sciences Teachers, Postsecondary
Agricultural Technicians
Aquacultural Managers
Butchers and Meat Cutters
Buyers and Purchasing Agents, Farm Products
Chemical Technicians
Computer User Support Specialists
Farm and Ranch Managers
Farmers, Ranchers, and Other Agricultural Managers
First-Line Supervisors of Agricultural Crop and Horticultural Workers
First-Line Supervisors of Aquacultural Workers
First-Line Supervisors of Farming, Fishing, and Forestry Workers
First-Line Supervisors of Logging Workers
First-Line Supervisors of Office and Administrative Support Workers
Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders
Food Batchmakers
Food Cooking Machine Operators and Tenders
Food Science Technicians
Food Scientists and Technologists
Graders and Sorters, Agricultural Products
Meat, Poultry, and Fish Cutters and Trimmers
Nonfarm Animal Caretakers
Office Machine Operators
Pest Control Workers
Slaughterers and Meat Packers

Processing & Ag. Products

Plant Science

Agricultural and Food Science Technicians

Agricultural Sciences Teachers, Postsecondary
Agricultural Technicians
Scientists
Agricultural Operations Managers
Biochemists and Biophysicists
Economists
Farm and Home Management Advisors
Farm and Ranch Managers
Farm Equipment Mechanics and Service Technicians
Farmers, Ranchers, and Other Agricultural Managers
Farmworkers and Laborers, Crop
Farmworkers and Laborers, Crop, Nursery, and Greenhouse
Farmworkers Farm, and Ranch
Supervisors of Agricultural Crop and Horticultural Workers
Supervisors of Farming, and Forestry & Logging Workers
Supervisors of Landscaping, Lawn Service, & Groundskeeping Workers
Supervisors of Logging Workers
Supervisors of Retail Sales Workers
Floral Designers
Food Science Technicians
Food Scientists and Technologists
Foresters
Grounds Maintenance Workers, All Other
Landscaping and Groundskeeping Workers
Nursery and Greenhouse Managers
Nursery Workers
Pesticide Handlers, Sprayers, and Applicators, Vegetation
Retail Salespersons
Soil and Plant Scientists
Soil and Water Conservationists
Tree Trimmers and Pruners

Natural Resource Careers

Aquacultural Managers	Logging Equipment Operators
Biological Science Teachers, Postsecondary	Mechanical Engineering Technicians
Captains, Mates, and Pilots of Water Vessels	Logging Equipment Operators
Cartographers and Photogrammetrists	Mechanical Engineering Technicians
Commercial Divers	Mine Cutting and Channeling Machine Operators
Conservation Scientists	Mine Shuttle Car Operators
Continuous Mining Machine Operators	Natural Sciences Managers
Conveyor Operators and Tenders	Park Naturalists
Derrick Operators, Oil and Gas	Petroleum Pump System Operators, Refinery Operators, and Gaugers
Earth Drillers, Except Oil and Gas	Plant and System Operators, All Other
Engineering Technicians, Except Drafters, All Other	Precision Agriculture Technicians
Environmental Science and Protection Technicians, Including Health	Pump Operators, Except Wellhead Pumpers
Environmental Science Teachers, Postsecondary	Range Managers
Environmental Scientists and Specialists, Including Health	Recreation and Fitness Studies Teachers, Postsecondary
Excavating and Loading Machine and Dragline Operators	Recreation Workers
Explosives Workers, Ordnance Handling Experts, and Blasters	Refuse and Recyclable Material Collectors
Fallers	Rock Splitters, Quarry
First-Line Supervisors of Aquacultural Workers	Roof Bolters, Mining
First-Line Supervisors of Construction Trades and Extraction Workers	Rotary Drill Operators, Oil and Gas
First-Line Supervisors of Farming, Fishing, and Forestry Workers	Roustabouts, Oil and Gas
Fish and Game Wardens	Sawing Machine Setters, Operators, and Tenders, Wood
Fishers and Related Fishing Workers	Service Unit Operators, Oil, Gas, and Mining
Forest and Conservation Technicians	Ship and Boat Captains
Forest and Conservation Workers	Soil and Water Conservationists
Foresters	Tank Car, Truck, and Ship Loaders
Gas Compressor and Gas Pumping Station Operators	Wellhead Pumpers
Gas Plant Operators	Zoologists and Wildlife Biologists
Geological and Petroleum Technicians	Geophysical Data Technicians
Geological Sample Test Technicians	Helpers--Extraction Workers
	Industrial Truck and Tractor Operators

Transforming Agriculture & Natural Resource Education/FFA

Active Public Relations

Partnering With
Advocates at All Levels

Strong Programs and
Teachers

Financial Commitment

Strong Leadership



Together We Can Strengthen Agriculture and Meet Alaska's Demands

