



Our Sustainability Program

Our Legacy

Deseret Ranches is part of **AgReserves, Inc.**, a diversified, multinational agriculture company. Our legacy goes back seven decades and extends beyond producing high-quality product – our team embodies our values of personal integrity, education, hard work, and community service.



Our Approach

As a business, Deseret Ranches is privileged and humbled by the opportunity to produce high-quality food. Though we operate across multiple locations and in significantly different natural settings, we focus on one common goal: We continually strive to be better stewards of the environment, our animals, our people, and our communities.

Our sustainability program was created based on a review of priorities that were material to Deseret and important to key stakeholder groups, including customers, NGOs, international reporting standards, and the beef industry at large. Every year we update our program and benchmark ourselves to drive progress and continuous improvement across our business.



Areas of Focus

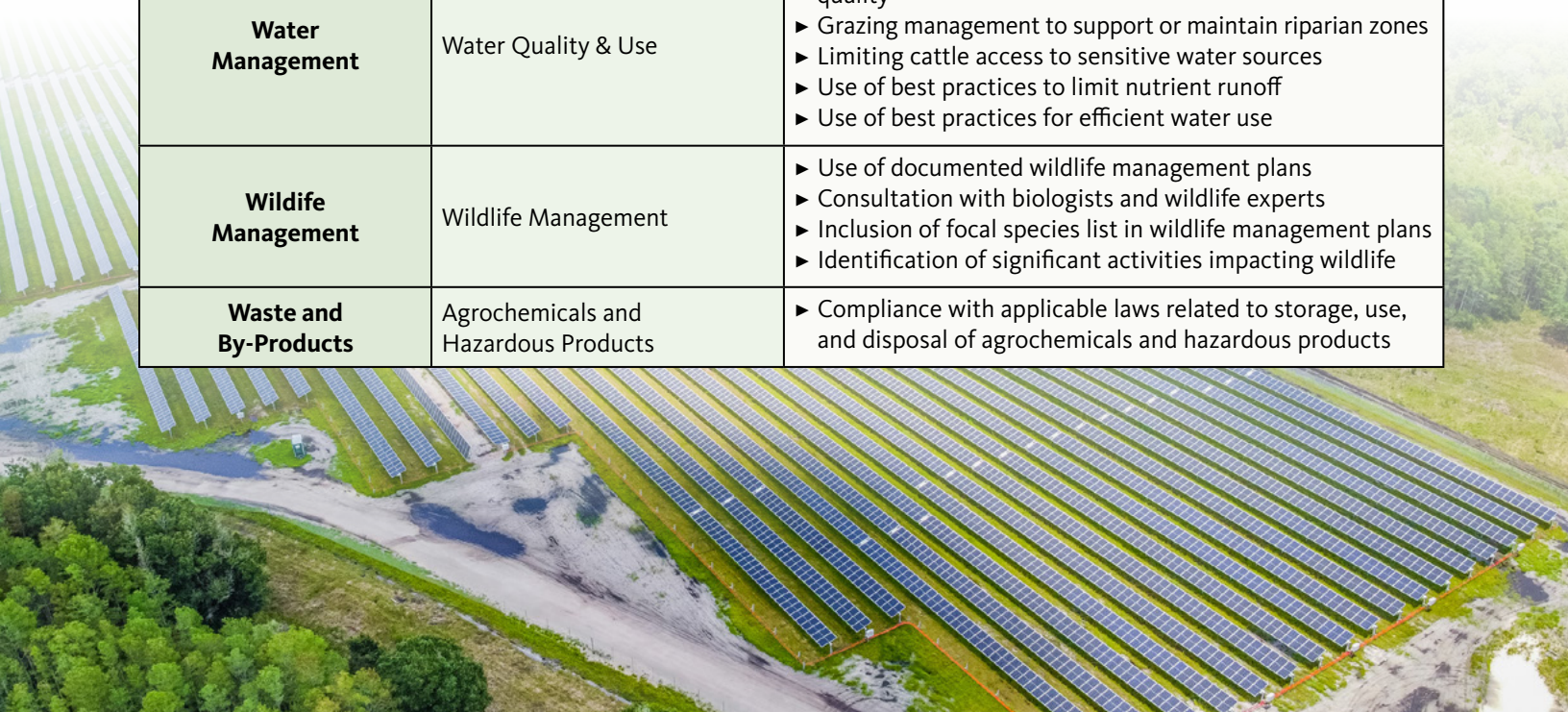
Sustainability is not new to us. In 2016, we set out to pioneer a comprehensive sustainability assessment program across our business. By measuring our year-to-year performance, we continue to hold ourselves accountable to our own high standards of conduct, which cover animal health and welfare, environmental stewardship, people and community impacts, and operational efficiencies. Our program encompasses the following topic areas:

Environmental	Animal Health & Welfare	Community & Workers	Economic
<ul style="list-style-type: none"> ▶ Air ▶ Energy ▶ Land Use ▶ Grazing Management ▶ Soil ▶ Water Quality ▶ Water Management ▶ Wildlife Management ▶ Waste and By-Products 	<ul style="list-style-type: none"> ▶ Animal Comfort ▶ Animal Health ▶ Animal Nutrition ▶ Animal Traceability ▶ Certifications ▶ Weaning ▶ Genetics 	<ul style="list-style-type: none"> ▶ Community Focus ▶ Benefits ▶ Engagement ▶ Retention ▶ Rights ▶ Worker Health and Safety ▶ History / Legacy 	<ul style="list-style-type: none"> ▶ Forecasting ▶ Input Costs ▶ Optimizing Value ▶ Additional Income

Environment

We strive to improve the condition of the land, soil, water, and wildlife across all our ranches for present and future generations. Our mission is to not only protect the natural resources on which our business depends, but to enhance them while producing high-quality food. We are proud to implement practices that support healthy ecosystems and plant communities, enhance nutrient cycling and carbon sequestration, improve soil health, reduce erosion, and increase water filtration while improving forage quality.

Focus Areas	Sustainability Priorities	Aspects We Measure
Air	Greenhouse Gases	<ul style="list-style-type: none"> ▶ Production efficiency practices that reduce GHG emissions ▶ Practices that increase soil carbon sequestration
Energy	Fuel Use	▶ Fuel purchases
	Solar Energy Generation	<ul style="list-style-type: none"> ▶ Land covered by solar energy installations ▶ Amounts of energy produced from solar energy installations
Land Use	Land Management	▶ Land use plans
Grazing Management	Grazing Management Plan	<ul style="list-style-type: none"> ▶ Use of an annual grazing management plan ▶ Use of frequent range condition assessments and plan adjustments
Soil	Soil and Range Health	<ul style="list-style-type: none"> ▶ Retention of cover on soils ▶ Use of rotational grazing practices ▶ Use of water distribution systems that enhance range health
Water Quality	Fertilizer Application	<ul style="list-style-type: none"> ▶ Use of soil testing prior to fertilizing ▶ Implementation of fertilizer application best management practices
Water Management	Water Quality & Use	<ul style="list-style-type: none"> ▶ Implementation of best management practices for water quality ▶ Grazing management to support or maintain riparian zones ▶ Limiting cattle access to sensitive water sources ▶ Use of best practices to limit nutrient runoff ▶ Use of best practices for efficient water use
Wildlife Management	Wildlife Management	<ul style="list-style-type: none"> ▶ Use of documented wildlife management plans ▶ Consultation with biologists and wildlife experts ▶ Inclusion of focal species list in wildlife management plans ▶ Identification of significant activities impacting wildlife
Waste and By-Products	Agrochemicals and Hazardous Products	▶ Compliance with applicable laws related to storage, use, and disposal of agrochemicals and hazardous products



Animal Care

We are unconditionally committed to the humane treatment and care of our cattle because it's the right thing to do. We believe our cattle are entitled to respectful treatment and healthy living conditions. Under our company-wide Animal Welfare Policy, we regularly train our employees on animal handling and welfare, Beef Quality Assurance standards, and conduct animal welfare audits; and we provide all animals with appropriate feed, water, living conditions, health inspections, and respectful treatment. We have zero tolerance for abuse, and we consider humane treatment of animals of the utmost importance

Focus Areas	Sustainability Priorities	Aspects We Measure
Animal Comfort	Animal Welfare Policy	▶ Annual employee training on Animal Welfare Policy
	Animal Welfare Audit Use	▶ Use and passing of animal welfare audits
	Water Access	▶ Accessibility to sufficient quantity and quality of water
	Environmental Stress	▶ Use of SOP for extreme weather conditions
	Facility Conditions	▶ Audited ratings for condition of cattle handling facilities
	Cattle Transportation	▶ Use of an established shipping SOP or BQA Transportation SOP ▶ Examinations to ensure animals are free from withdrawal period ▶ Inspection of cattle prior to shipping ▶ Transportation without non-compliance issues
	Cattle Processing	▶ Use of a processing SOP or BQA Processing & Injections SOP ▶ Castration, branding and/or dehorning prior to 120 days old or <300 lbs. ▶ Avoidance of excessive ear marking, wattling or dewlaps ▶ Percent of cattle processed without use of an electric prod
Animal Health	Preventative Herd Health Plan	▶ Use of a herd health plan for disease prevention and treatment ▶ Annual review/update of herd health plan
	Animal Loss Rates	▶ Death loss percentages
	Treatment Timing / Effectiveness	▶ Presence of a valid veterinary-client patient relationship ▶ Maintenance of all veterinary records ▶ Use of observations for cattle health risks and needs
	Antibiotic Usage	▶ Antibiotic usage ▶ Documentation of any needed Veterinary Feed Directive
	Euthanasia	▶ Use of a Euthanasia SOP ▶ Employee training on Euthanasia SOP and procedures
	Body Condition	▶ Use of SOP addressing body condition management
Animal Nutrition	Supplemental Feed	▶ Use of BQA guidelines for feed storage ▶ Absence of ruminant-derived protein ▶ Availability of supplemental feed ▶ Availability of salt/mineral sources
Animal Traceability	Animal Identification	▶ Individual traceability with electronic ID and visual tag prior to leaving ranch of origin
Certifications	Training & Certifications	▶ Employee BQA certification ▶ Employee completion of quarterly animal handling training
Weaning	Weaning Protocols	▶ Use of weaning SOP
Genetics	Genetics	▶ Selection to suit local climate and land resources

People & Communities

Our employees are critical to our success as a business, so we are proud to contribute to the wellbeing of our team and the places in which we operate. We take pride in our responsibility to our team members and our communities. We foster a culture of hard work, integrity, dedication, learning, and impact in all we do. Among our team members, we prioritize safety training, professional development programming, benefits and pay, engagement, compliance, and rights. Within our communities, we promote service, engagement, preservation, and partnerships.

Focus Areas	Sustainability Priorities	Aspects We Measure
Community Focus	Community Service Levels	<ul style="list-style-type: none"> ▶ Volunteering ▶ Donations
	Community Relationships	<ul style="list-style-type: none"> ▶ Visitors ▶ Relationships with universities, community groups, and civic organizations
Employee Benefits	Leadership Development	▶ Use of employee development programs
	Value of Overall Benefits	▶ Value of benefits and salaries
Employee Engagement	Employee Engagement Levels	▶ Use of employee engagement surveys
Employee Retention	Employee Retention / Turnover Levels	<ul style="list-style-type: none"> ▶ Employee longevity ▶ Employee turnover
Employee Rights	Compliance with Labor Standards Regulations	▶ Use of employee grievance reporting system
	Anti-Discrimination Policy Adherence	▶ Training on anti-discrimination and anti-harassment
Worker Health & Safety	Worker Safety Training	▶ Monthly health and safety training



Economics

For over 70 years, we have treated our profitability and impact as equal. We identify opportunities that simultaneously increase efficiency and yield across our business and ensure the health of our ecosystems, the wellbeing of our animals, the safety and development of our employees, and the role we play in our communities.

Focus Areas	Sustainability Priorities	Aspects We Measure
Forecasting	Future Analysis Cost	<ul style="list-style-type: none"> ▶ Planning to address economic impacts ▶ Use of succession planning
Input Costs	Land, Supplemental Feed, & Other Costs	<ul style="list-style-type: none"> ▶ Cost per pound of calf produced ▶ Total supplemental feed and minerals lbs/cow ▶ Labor hours / animal unit
Optimizing Value	Overall Resource Efficiency	<ul style="list-style-type: none"> ▶ Usage of land in acres/animal unit ▶ Calf crop percentage ▶ Margin/acre
	Conception Rate	<ul style="list-style-type: none"> ▶ Conception rate
	Performance Testing	<ul style="list-style-type: none"> ▶ Use of cattle performance and efficiency tests for bull selection
Additional Income	Alternative Sources of Income	<ul style="list-style-type: none"> ▶ Percent of revenue from non-cattle sources



What's Next in Deseret Ranches' Sustainability Journey?

As sustainable producers, we are proud of the progress we have made within each of these areas over the last four years. Looking forward, we are excited to leverage our success to contribute to the goals and priorities of our customers, our key stakeholders, and the industry at large while maintaining our own commitment to the highest level of stewardship and sustainability.

