



Introduction

- Agriculture is a defining element for Utah
- Production requires Land and Irrigation
- 75% of diverted water is used for agriculture

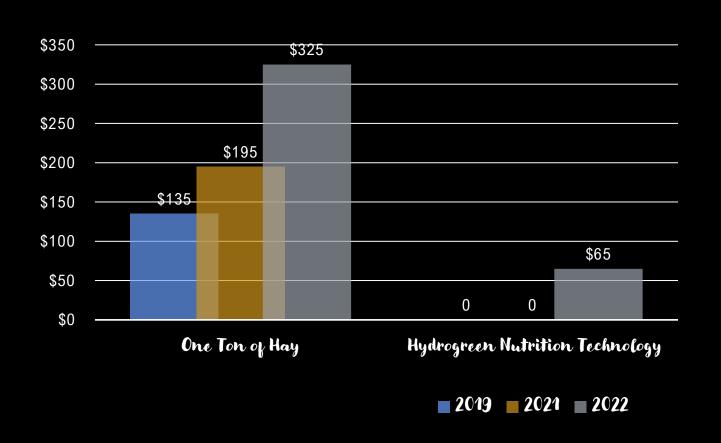


Empower Farmers, Protect Natural Resources

- Multiple year drought
 - → need economic resilience
- Increasing hay prices
- Decreasing hay supply
 - → consider alternative feed sources

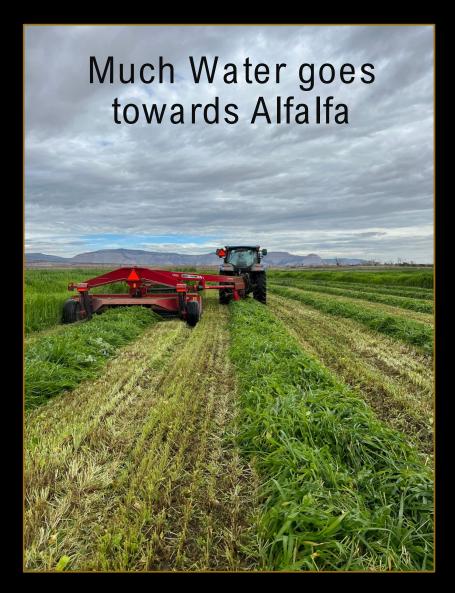
Precipitation Affects Hay Production

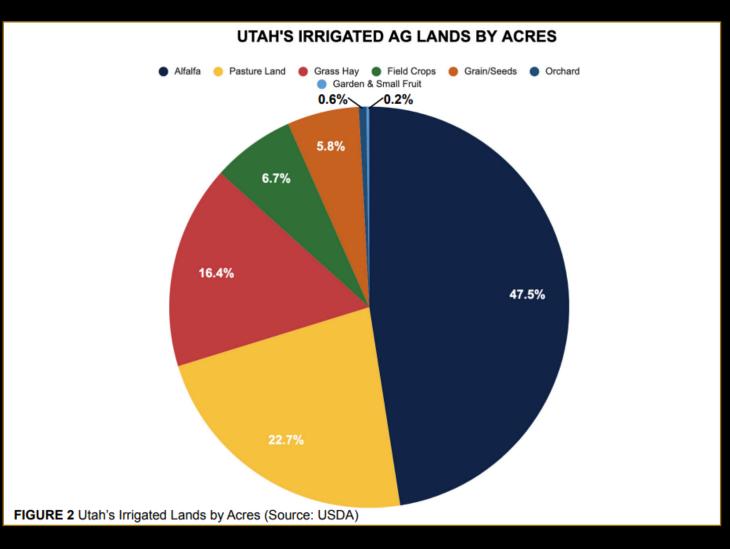
Hay production costs per ton





Utah's Largest Crop by Acreage





The Future of Agriculture

Utah's Coordinated Action Plan for Water
→1.2 million acres farmland lost 1997- 2017

→ Need to connect agricultural production with agricultural processing for growth & security





Water Optimization

Utah's Coordinated Action Plan:

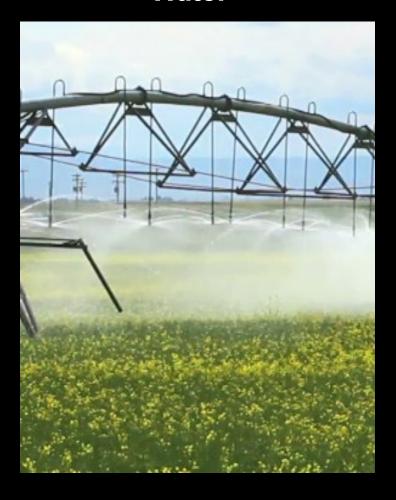
- → Prepare the State for Growth
- → Protect public resources
- → Facilitate innovation

Utah's Water and Farmland

Land Use



Water



Agriculture Economic Sustainability



August 2022 | The Future of Agriculture

The Next Generation



Calf Roping



Bull Riding



Bronc Riding



Herding



The Cowboys



Watering the Cows



Roping the Calves



Branding



Automated Hydroponic Fodder System

Conveyor Racks



Photo: Jeffrey D. Allred, Deseret News

Sprouting the Fodder



Growing the Fodder



Harvesting the Fodder



Transporting the Fodder



Loading the Fodder



Silaging the Fodder

