



Agronomy Update | Improving Pasture Health and Productivity

Improving Pasture Health and Productivity Through Integrated Management

Weed pressure, brush expansion, and tree encroachment can substantially reduce pasture health, forage availability, and overall carrying capacity. A proactive management approach enables producers to increase grass production, support improved herd performance, and enhance profitability while maintaining long-term grazing system sustainability.

A Proactive Strategy for Long-Term Pasture Performance

An integrated pasture management plan incorporates multiple agronomic and grazing management practices to improve pasture performance. Key components may include rotational grazing, targeted herbicide applications, soil fertility assessment, mechanical brush control, and routine pasture condition monitoring.

Although shrubs can contribute ecological value within rangeland systems, unmanaged invasive species growth can reduce forage quality, limit grass productivity, and compromise stand composition. When used as part of an integrated management program, herbicide applications can help protect desirable native grasses and support a more balanced, resilient pasture ecosystem.

Supporting Greater Forage Production

Increasing the production of high-quality forage remains one of the most effective methods for maximizing pasture productivity. Improved forage availability can support extended fall grazing, earlier spring turnout, and reduced dependence on costly winter feed resources.

Benefits of Improved Pasture Health	The Bottom Line
• Better herd condition • Higher weaning weights • Reduced time and equipment costs for feed production • Lower reliance on imported hay • Greater drought resilience • Enhanced grass vigor • Increased pounds of beef per acre	• Implementing an integrated pasture management plan is a practical way to improve productivity and profitability. By actively managing forage and controlling invasive species, producers can support both their herd and their land for years to come.

UFA ASM's can support in making positive improvements to the health and productivity of grass pastures by recommending the correct herbicides into an integrated pasture management plan.