



nexsteppe

DEDICATED TO SUSTAINABILITY

NexSteppe Vision

Be a leading provider of
scalable, reliable and
sustainable feedstock solutions
for the biofuels, biopower,
biogas and biobased product
industries

Why a Dedicated Crop?

- Reliable, scalable supply
- Production cost, not volatile market price
- Reduced transport distance
- Better biomass quality

Why Sorghum?

- For the grower...
 - High yielding
 - Short cycle
 - Can be rotated with other crops
 - Established agronomic systems
- For the processor/project developer...
 - Drop-in / high-quality
 - Broad geographic adaptation
 - Range of maturities
 - Heat and drought tolerant
- For the seed company...
 - Huge genetic diversity
 - Rapid breeding and product development cycle
 - Fast scale-up
 - Established hybrid systems
 - Seed propagated



Our Technology Platform

Industry leading diversity and quality of germplasm collection

Germplasm & Breeding

Agronomy

Focus on developing optimized crop management practices

NexSys

Proprietary data management system linking information and providing insight to breeding program

Unique knowledge of impact of composition on downstream processing and resulting ability to develop process-optimized products

Chemistry & Composition

Genetic Markers

World-class marker-assisted breeding program to enhance product improvement efficiency

Our Product Lines

Palo Alto

Biomass
Sorghum



Low
Moisture
Biomass



Biopower

Malibu

Sweet
Sorghum



Fermentable
Sugar



Advanced
Biofuels &
Biobased
Products

Metano Alto

Biogas
Sorghum



High
Methane
Production



Biogas &
Biomethane

Carbo Alto

Cellulosic
Sorghum



High
Carbohydrate
Biomass



Cellulosic
Biofuels

Palo Alto *(Biomass sorghum for biopower)*

compared to: **Malibu** *(Sweet Sorghum for 1G ethanol)*

Palo Alto Sorghum

High Biomass Yield
Low Moisture at Harvest



Malibu Sweet Sorghum

High Sugars & Juice
Ethanol

Commercial Seed Shipping to Customers



Palo Alto in Texas at 90 Days



Palo Alto in Brazil at 130 Days



NexSteppe Today



2015 Rio Verde Field Day



2015 China Field Day



2015 German Field Day



Competitor
hybrid

NexSteppe
NS009

NexSteppe
NS264





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