

Desert Oasis Teff & Grain

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History of Teff

- Originated in Ethiopia between 4000 BC-1000 BC
- One of the earliest domesticated cereal grains
- “Teffa” meaning “lost” in Amharic



Teff Production in Ethiopia

- Primary crop in Ethiopia
 - Accounts for 24% of agricultural land used
 - Used for Injera
 - 7,413,000 acres planted a year
- All done by hand labor
 - Hand sown, hand weeded, hand harvested



Teff Production in the United States

- Between 2,000-5000 acres planted for grain harvest
 - Primarily split between Nevada and Idaho
 - Average yield is between 1300-1800 lbs per acre
- All modern machinery
 - Tractors, Swathers, Combine, Seed Cleaners etc.
 - Creates product that is unrivaled in the world

Desert Oasis' Teff & Grains take on Grain Production

- Planting
 - Mid May-Mid June
 - 2 lbs an acre is planting for grain production, 6-8 lbs for hay production
- Irrigation
 - Teff takes 5-7 irrigations
 - Drought resistant



Harvest Season for Desert Oasis Teff & Grain

- Swathing
 - Special swather without crimper is used
 - Layed in windrows to dry for combining
- Combine
 - Special Combine with custom screens is used
 - Average yield is 1300-1800 lbs an acre



Cleaning of Teff Grain Part 1

- Teff comes in on hopper bottom trailers
- Stored in 2000 lbs poly super sacs
- Transferred to black poly bins for cleaning



Cleaning of Teff Grain Part 2

- Clipper Cleaner
 - Cleans by size
- De-Stoner
 - Removes heavies such as sand
- Gravity Table
 - Cleans using density of material
- Magnet and Metal Detector



Steps Grain Takes at Desert Oasis: Clipper



Steps Grain Takes at Desert Oasis: Gravity Table



Beginning Product Vs. Final Product



Teff for Nevada Farmers:

Pros:

- Extremely Drought Resistant
- Wide Range of Soil Conditions for growing
- Can be used as a cheap cover crop
- Versatility in market



Teff for Nevada Farmers Continued...

Cons:

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