



Oilseeds and Biodiesel Production Workshop

Local Food - Healthy, Secure and Energy Efficient
Paul T. Miller – President and CEO

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Pablo, Montana

Halloween, 2007

Our Roots and Progression...



2002

2001



2003

Montola - 2004

Vegetable Oilseed Processing and Refining – 28 employees

Historical – 300 TPD; Current – 100 TPD; Future – 600 TPD

Expeller and Conventional Vegetable Oils

Full Service Refinery – RBWD

Protein Meal Storage

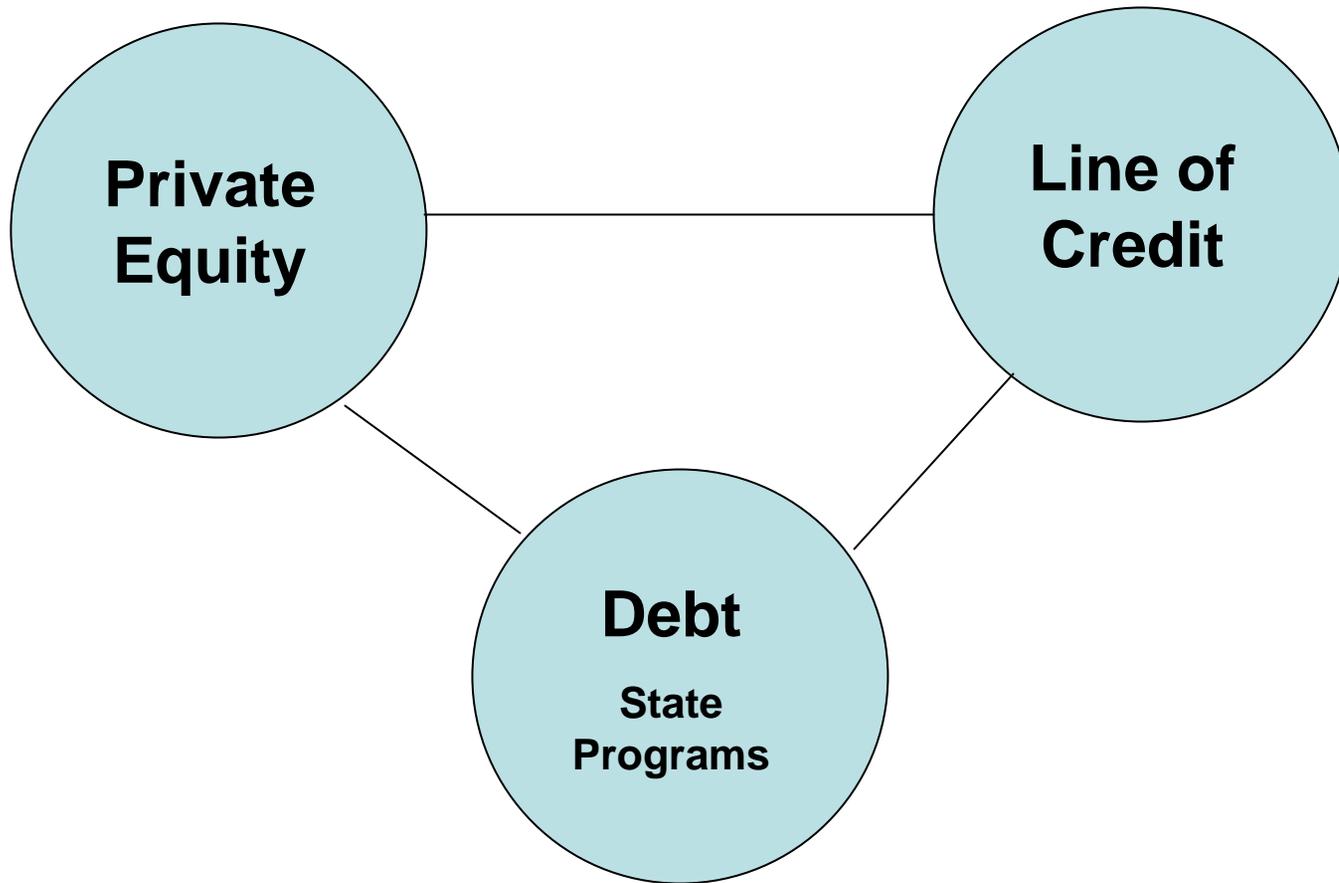
Truck and Railcar load out



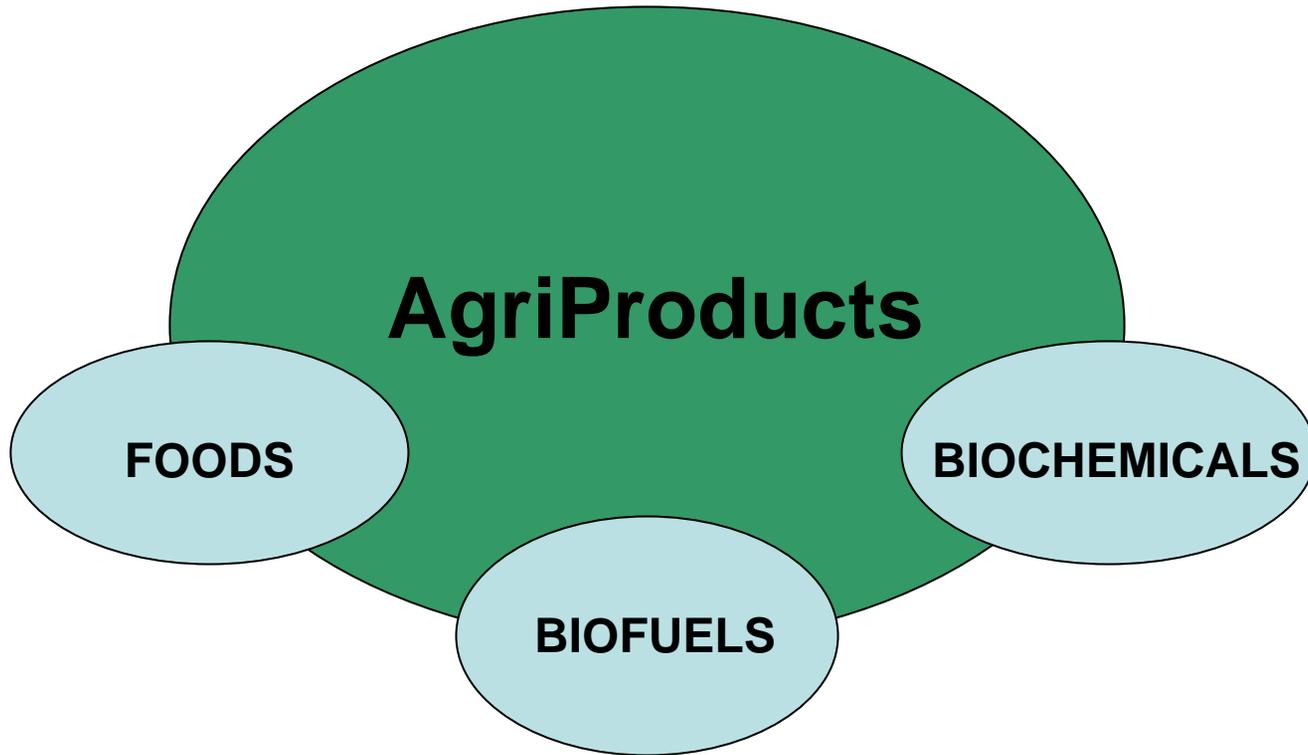
Montola – Purchase 2005



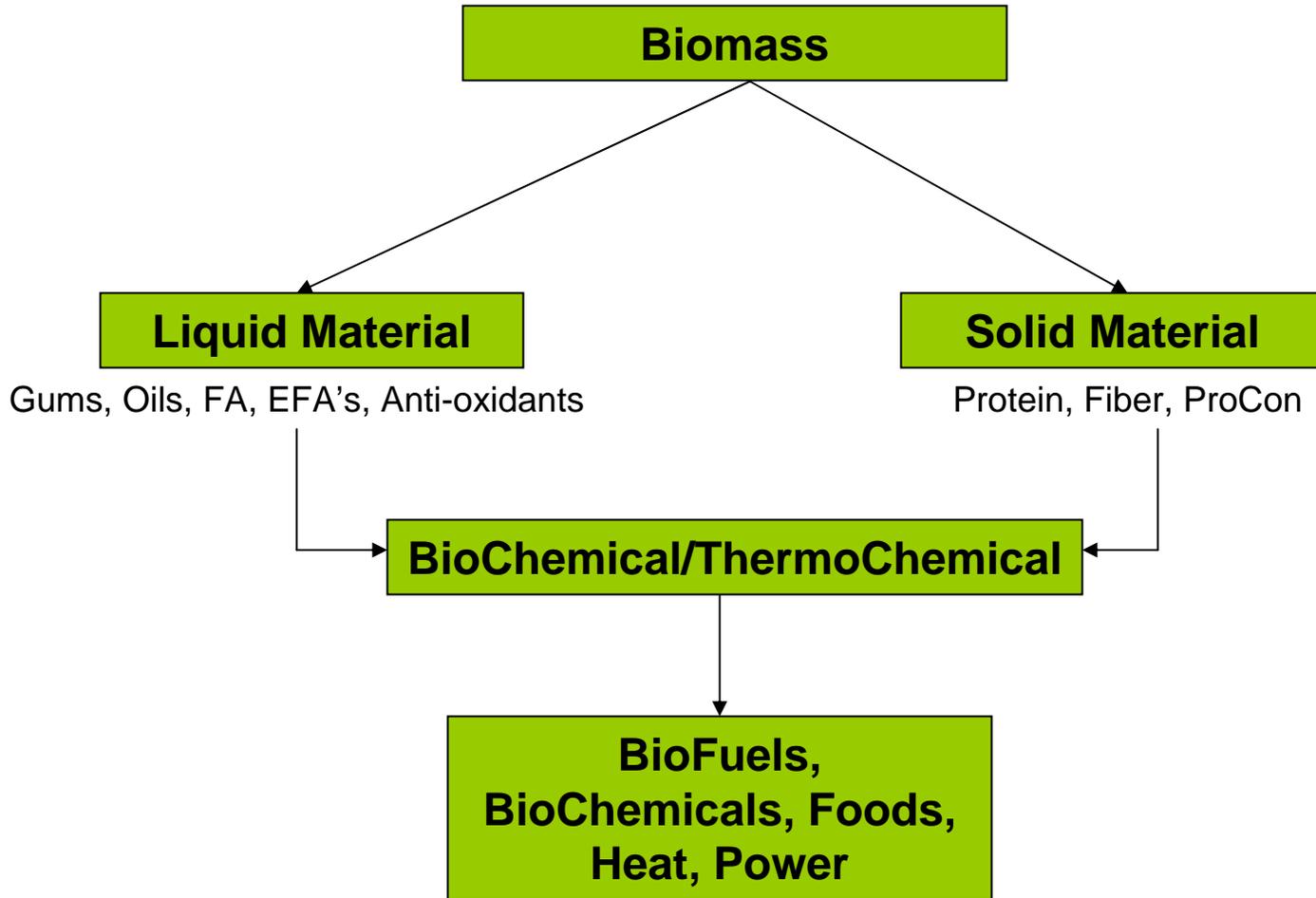
Deal Structure - 2005



The Business Model



Value Chain

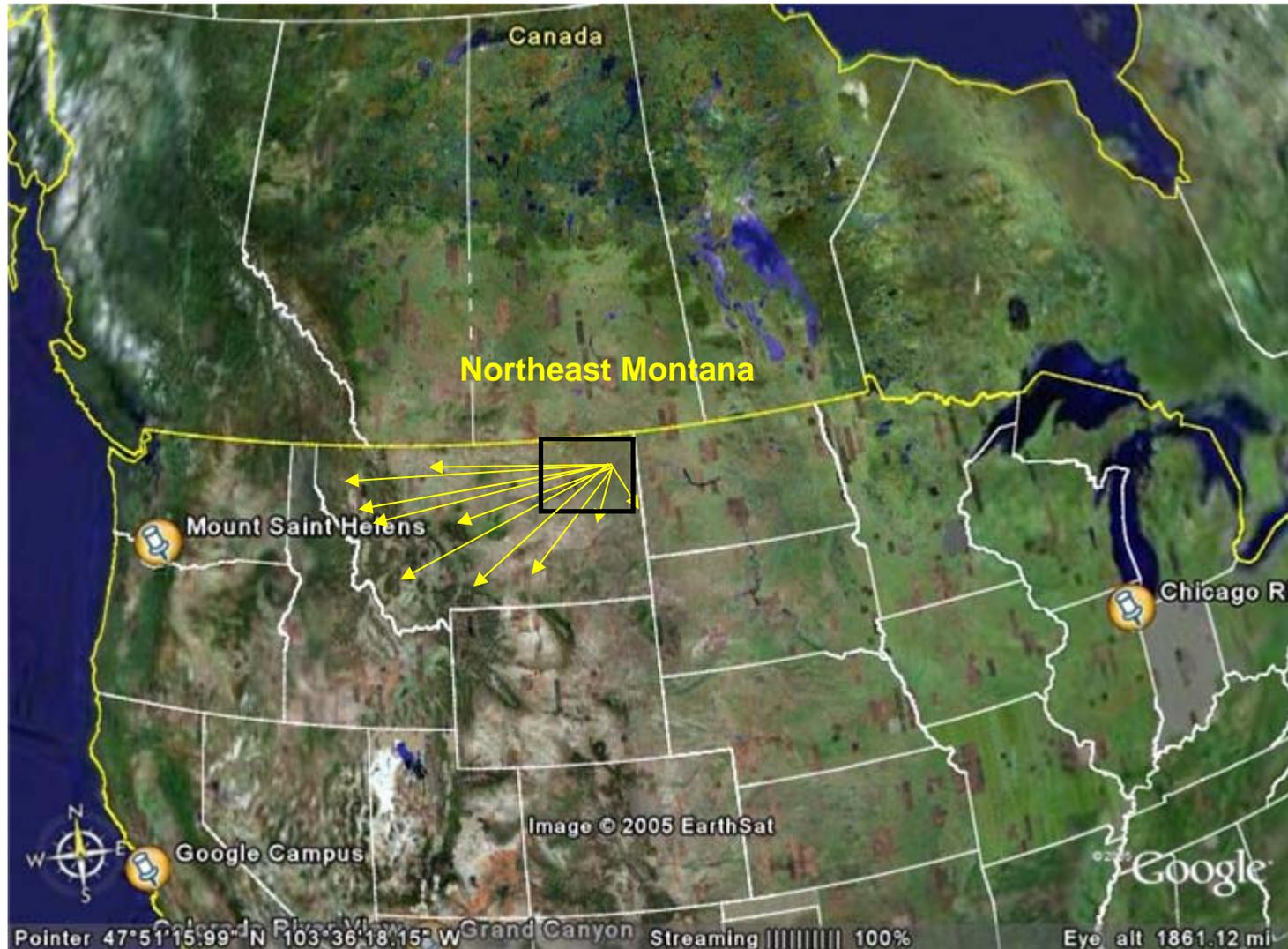


Our Products

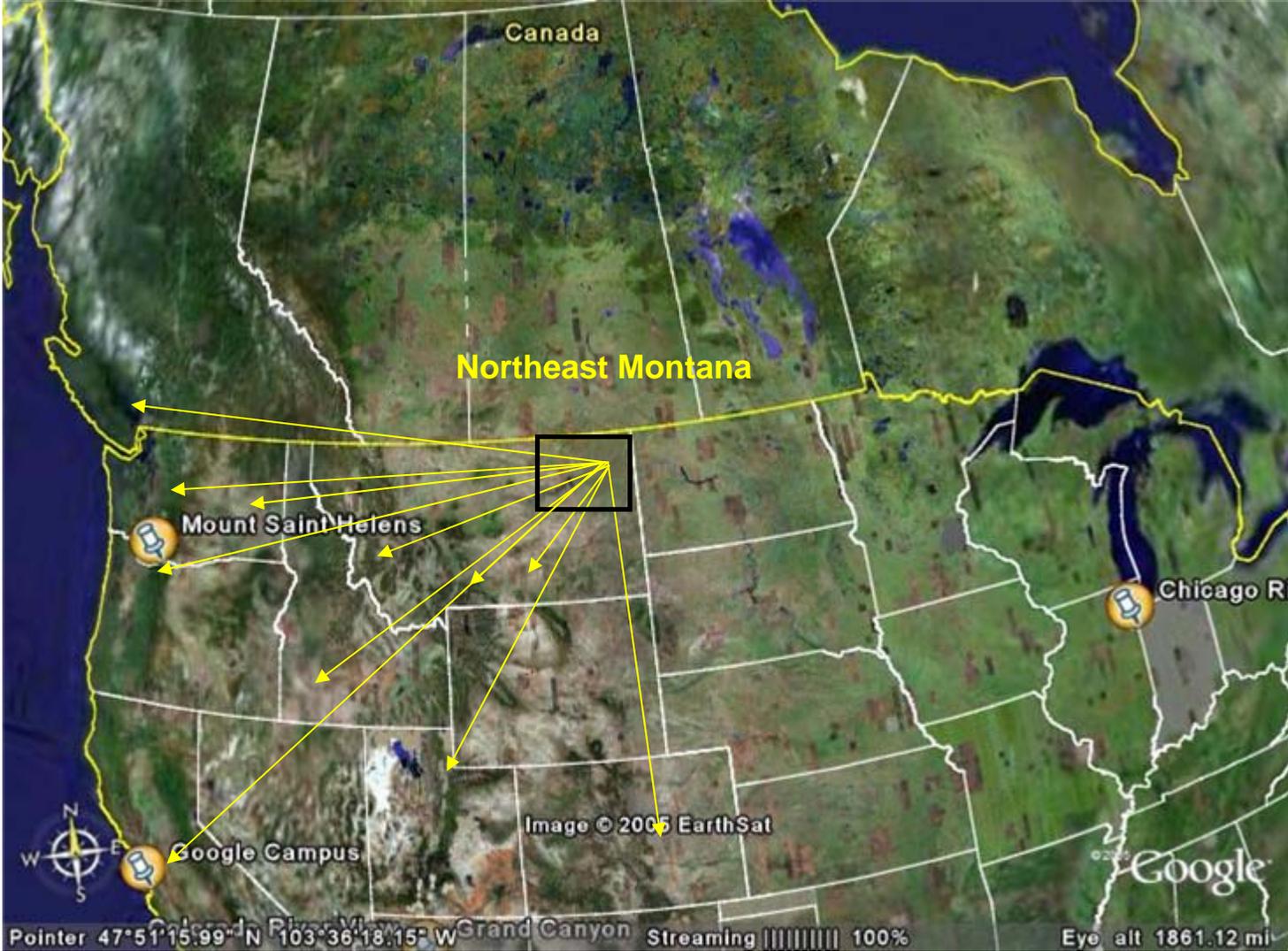
- Multiple product lines
 - Culinary Oils (Avail. at Good Food Store)
 - Fortune 50+ customer base
 - Bulk and branded
 - Protein Meal
 - BioFuels/ BioProducts (Solid and Liquid)



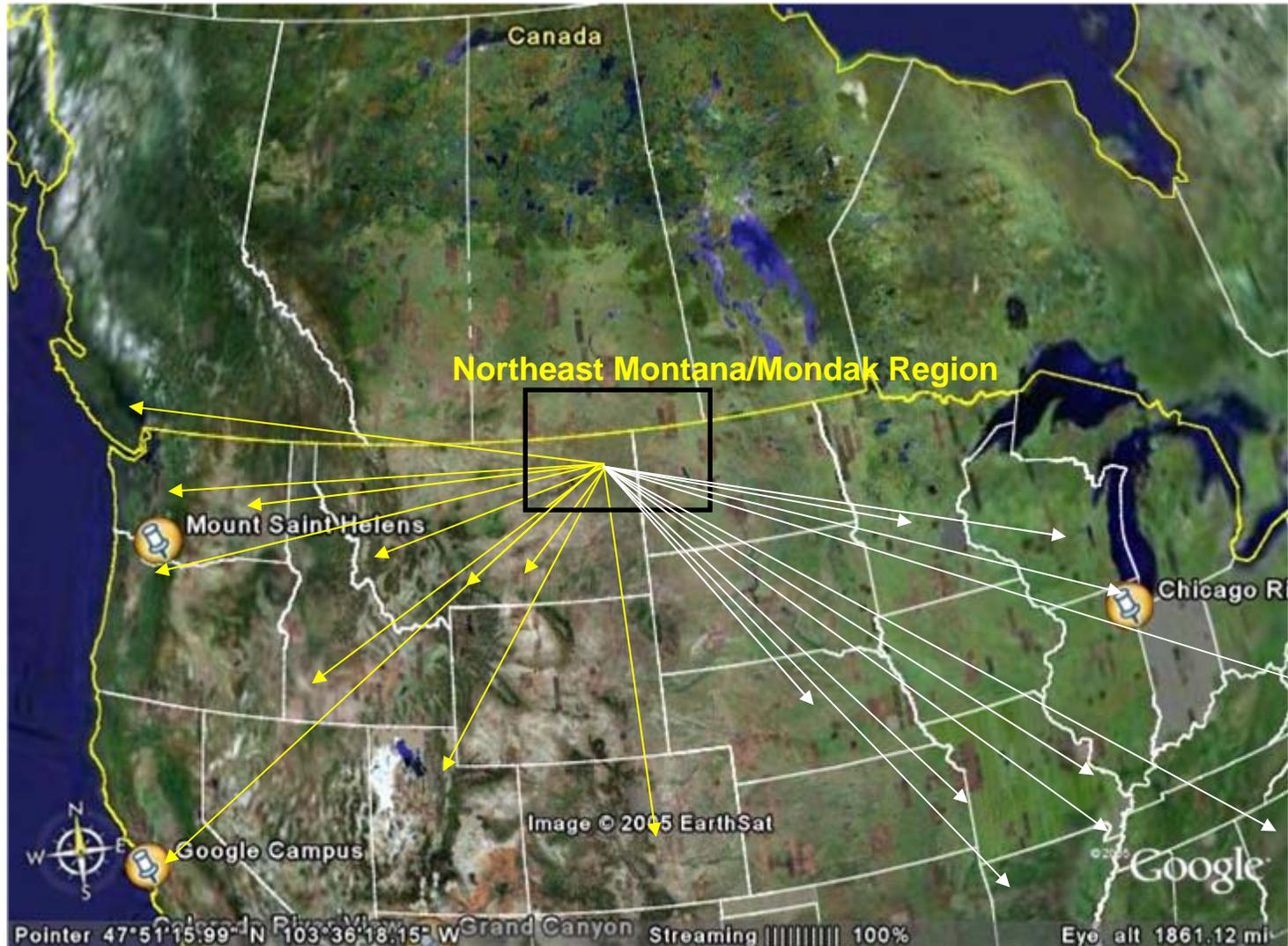
Sustainable Location –Source and Supply



Sustainable Location –Source and Supply



Sustainable Location – Source and Supply



TIME FOR AN OIL CHANGE

**Local
Restaurants!!
The Red Bird
Scotty's Table
Biga Pizza
Institutions!!
U of Montana**



MCHARVILLE
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From the Farm to the Fryer – An Economic Food Link

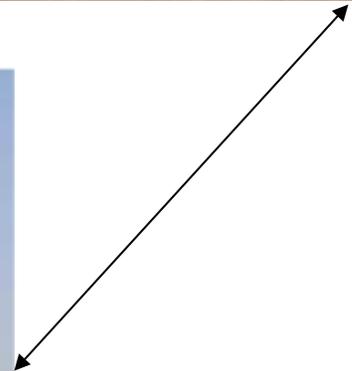
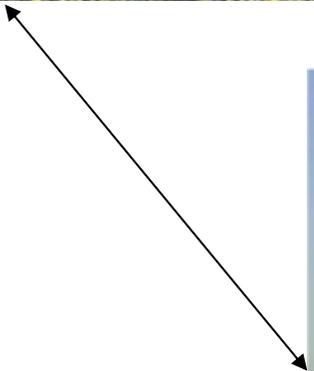
Our network of family farming operations grow our proprietary mix of natural vegetable oils.



Our state of the art processing facility ensures that we process the volumes and meet quality that our customers desire.



Our products are enjoyed across the country!

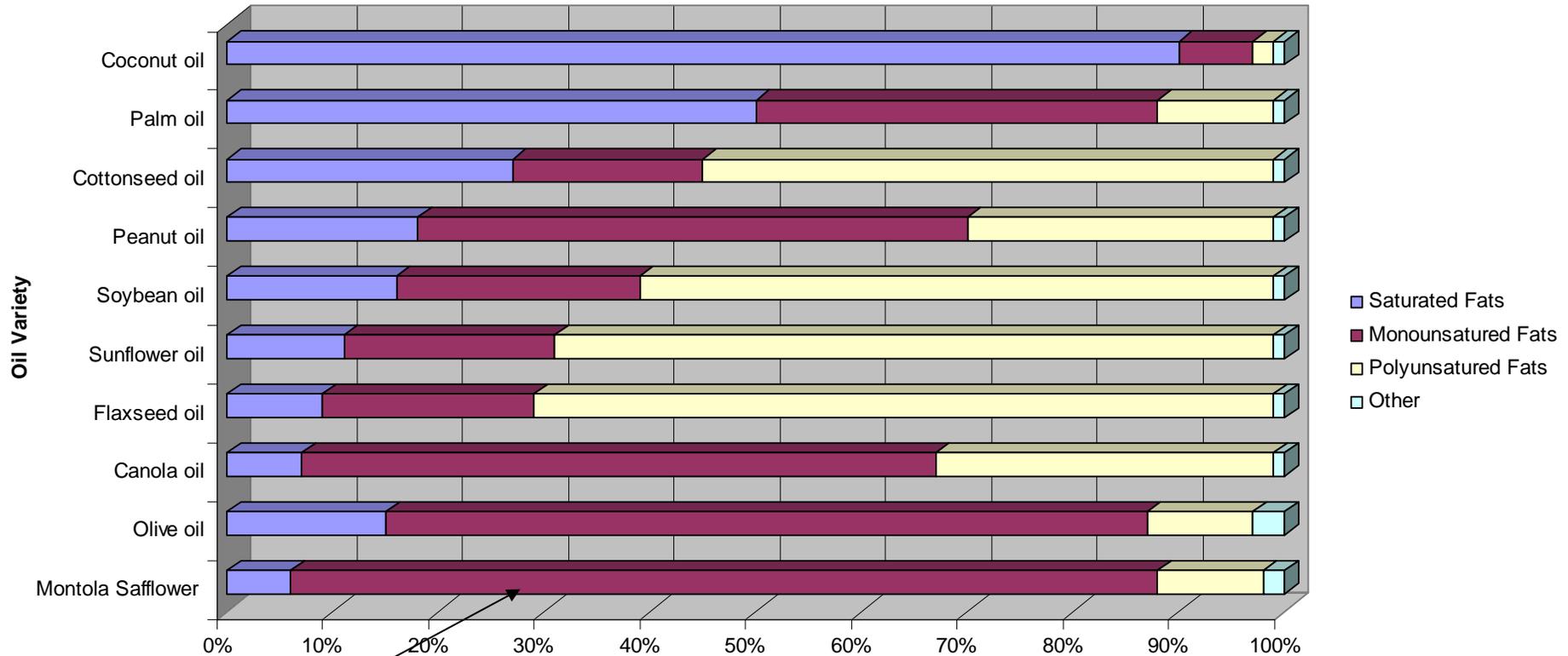


Branded Growth



Compare on a Chart

Vegetable Oil Comparisons



Montola is the best Oil – Period!

Relative Fatty Acid Percentages

Source – MSU EARC

Remember! – Saturated Fats (Bad), Mono's (good and heat stable), and polys (unstable under heat and cause off flavors in food)

In-State Initiatives

- U of M Farm to College Program
 - \$1,500,000 in purchases/40 vendors
 - Reduced energy
 - Increased security
 - Prime Vendor participation
 - <http://ordway.umt.edu/sa/UDS/index.cfm/name/Overview>
 - Costs of food decreased for U of M.
 - “Who is your Farmer”
- SB 328 – Montana Food to Institutions
 - allows institutions to buy Montana grown food within certain parameters, even if it costs more than the cheaper, national product.



State Food Markets

- Over \$3BB in food purchases in Montana in 2003
- Only \$235MM was instate manufacturers
- Local schools, institutions, prisons represent \$33MM market opportunity
- Viral spread from private to public sector

Expansion Efforts



Crown Iron Works – Equipment

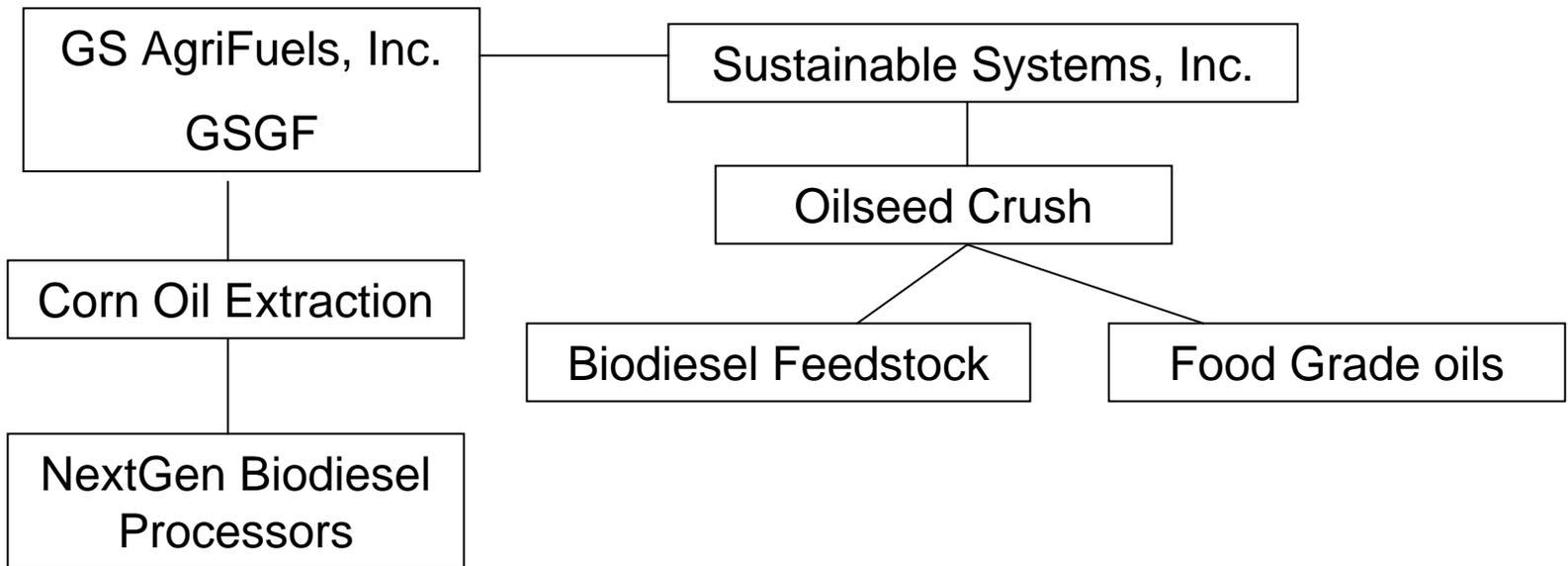
Industrial Contract Services – General Contractor (Design/Build)

Spring of 2008

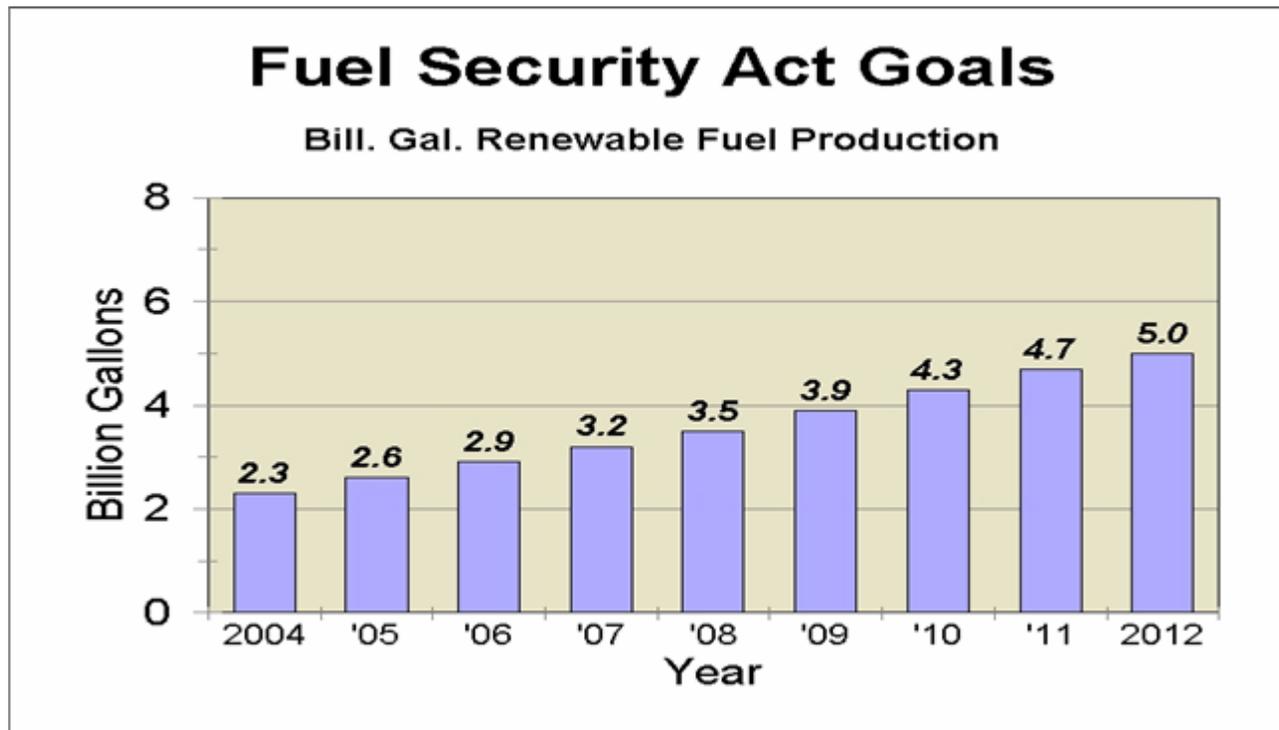
Biofuels/Biobased Product

- Our Goals...
- Excess Capacity for Biodiesel/Bioprocess Feedstock
- Investigate other oilseed crops for the region
- Develop other products from oilseed crops
 - Montana Board of Research and Commercialization Grant

Network of Companies/Technologies

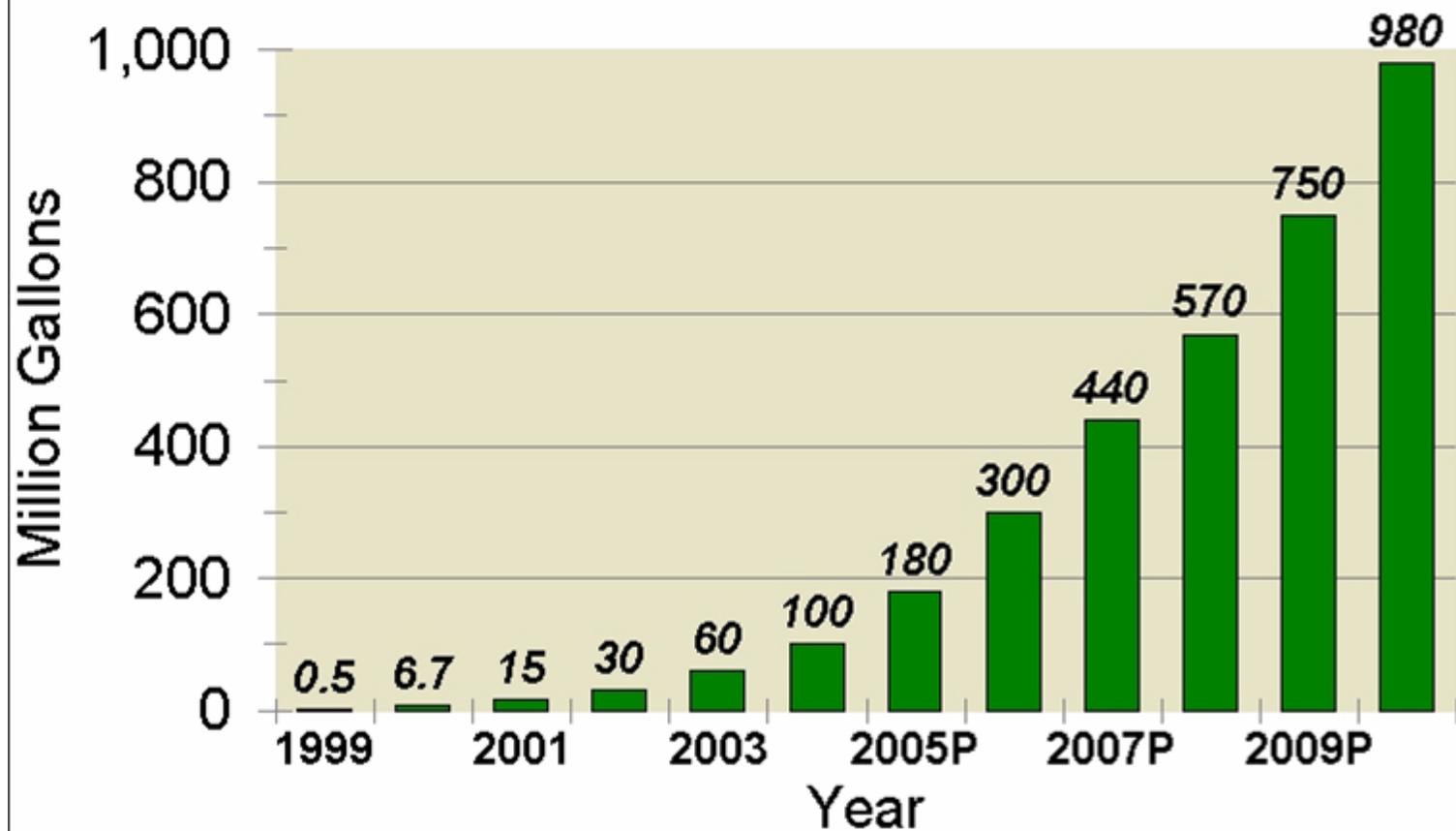


The 5 Billion Gallon Target**



****Currently set at 8 Billion gallons by 2012**

Biodiesel Production Past and Potential Future Growth



Hiring and Training

- Montana WIRED Program
 - Montana Department of Labor
 - Montana Department of Commerce
 - Montana Governors Office
 - Montana Department of Agriculture
- Currently Hiring and Training
 - Refinery
 - Mill
 - Foreman

Crop Contracts and Delivery

- High Oleic Safflower
- High Oleic Sunflower
- Juncea
- Canola
- Camelina
- 600 TPD Crush Expansion – Looking forward to expansion producer contracts and purchasing more oilseeds from region!



Acknowledgements

- Montana Dept of Ag
- Montana Dept of Commerce
- Montana Dept of Labor
- Great Northern Development Corporation\
- Montana Community

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