

# Understanding the diversity of drivers that influence decision-making at an operational scale

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NEW HOLLAND TJ450



# Our Farm

- We farm in the Camrose area 50 miles southeast of Edmonton
- Banack Family farm was homesteaded in 1906
- Consolidated through marriage with the Kennedy Farm
- Today includes Humphrey & Terry, Willie & Sharla, Nick & Amanda
- Each of these generations bring a different view of the balance needed between natural diversity and farm productivity
- Today we are solely a grain farm but in the not distant past were a fully mixed operation
- We are planning to plant 9000 acres this year
- Our farm consists of wide mix of arable land and native areas
- We employ 1 full time employee and another 2 seasonal employees
- My discussion today will focus on Humphrey & Terry's acres



# The land we own

- We own 10 quarter sections 1560 acres
- There are 7 acreages or yard sites totalling 57 acres
- Annual Crops 1269 acres
- Hayland 49 acres
- Native Pasture 80 acres
- Natural areas 105 acres



# The land we rent

- We rent 15 quarter sections 2400 acres
- There are 5 acreages or yard sites totalling 35 acres
- Annual Crops 1823 acres
- Hayland 125 acres
- Native Pasture 365 acres
- Natural areas 52 acres



# Natural Area costs to our farm Ownership

- Costs based on 105 acres of owned natural area
- Purchase cost approximately \$2000 per acre
- Interest cost at 3% \$ 60 per acre
- Taxes \$ 4 per acre
- **\$64 per acre**
- Natural area annual ownership costs **\$ 6720**
- These costs are not recognized or acknowledged





# Hayduks



# Natural Area costs to our farm

## Operational costs

- On the Hayduk field – 107 acres
- This difference in overlap is 11%
- Our input costs per acre are \$125 per acre
- Inputs used on excess overlap \$1470
- Machinery and operational time
- Custom Farming \$70 per acre @11% \$ 825

Cost per acre - **\$21 per acre annually**

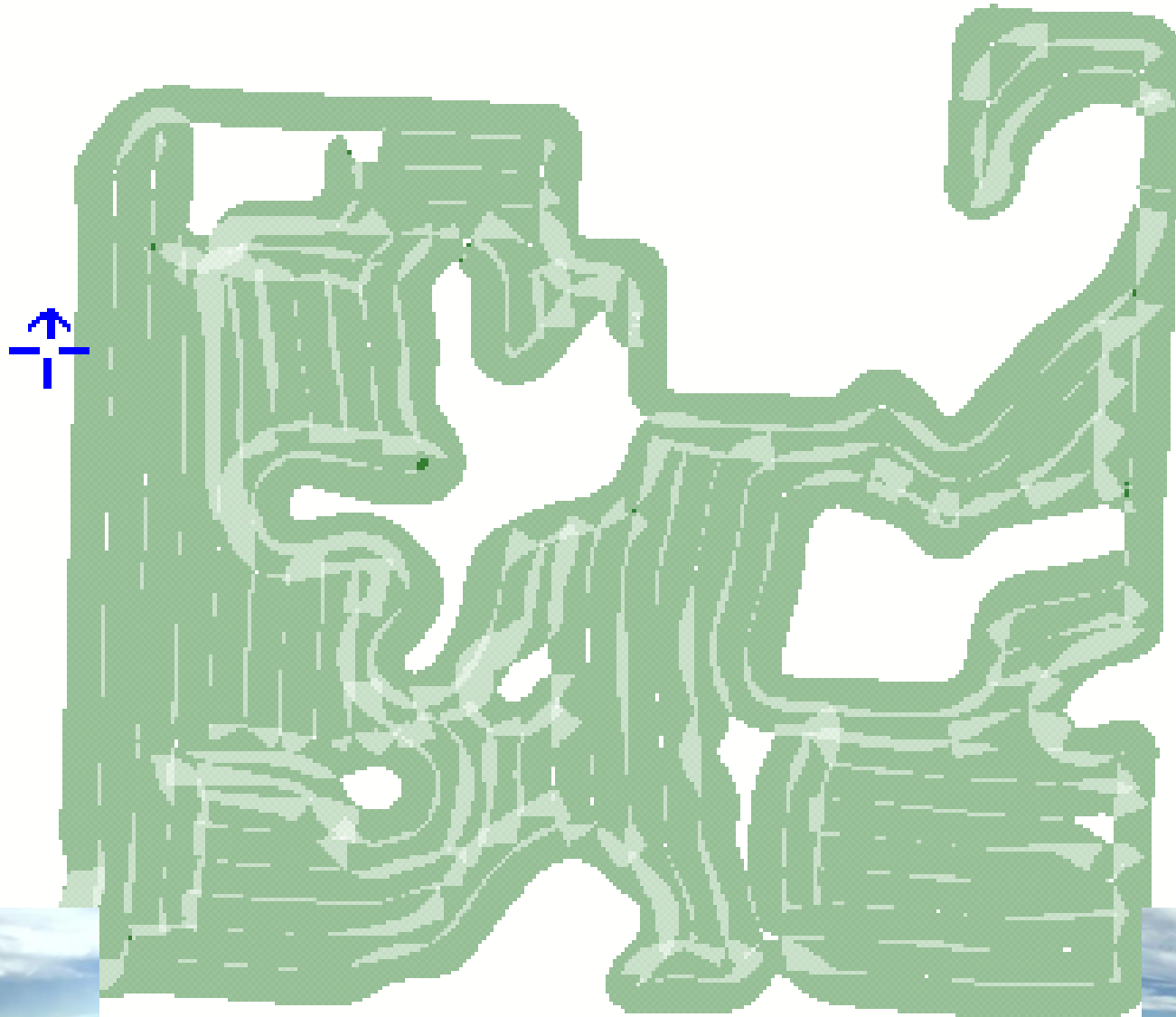
Cost per field **\$2295**



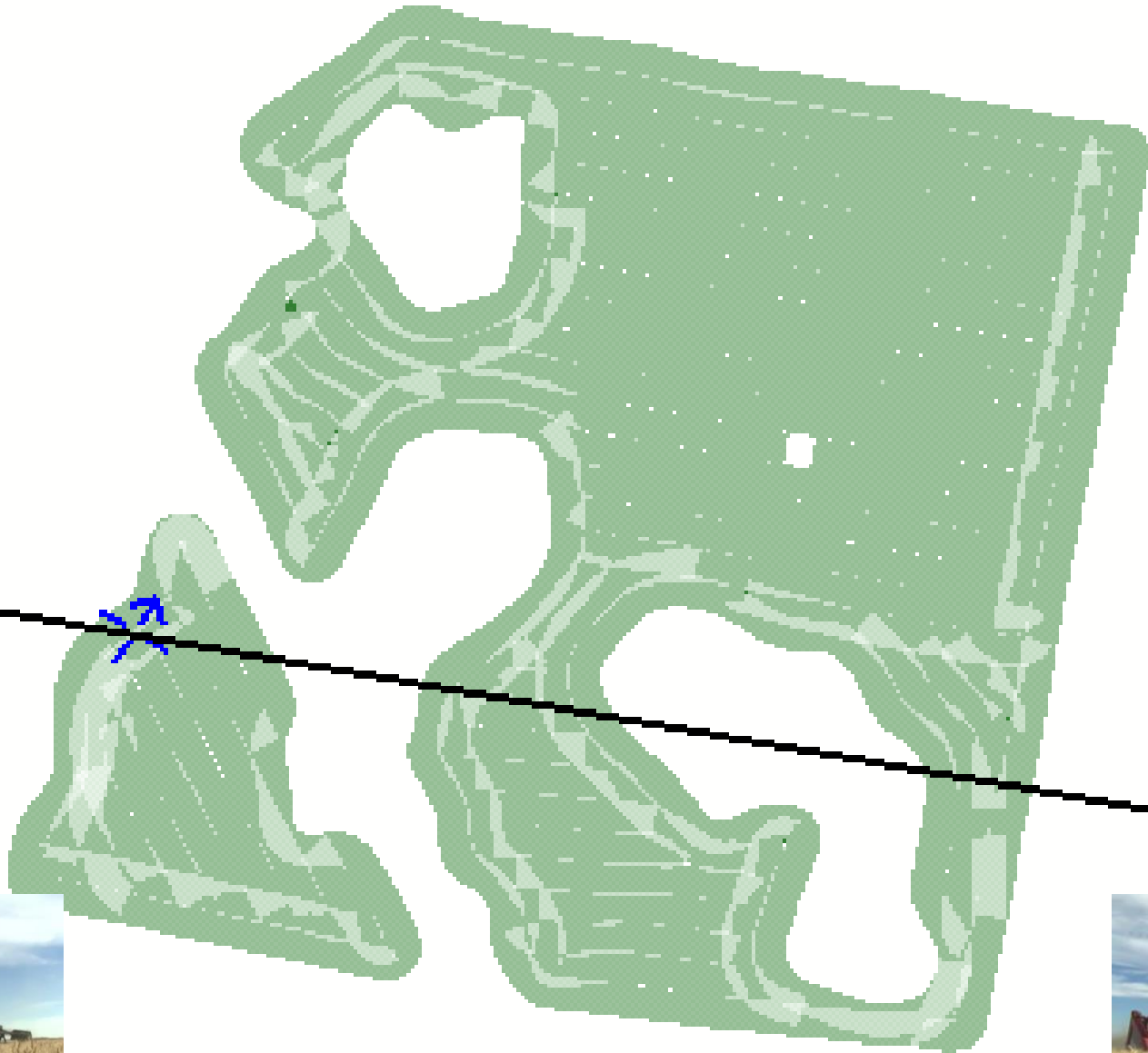
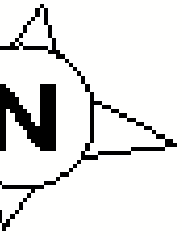




# The duck Patch



# Sams



# Our farm is a business

- Strive to be both viable and sustainable to achieve long term success
- We need a balanced blend of the following to achieve sustainability
  1. Productive and healthy soils
  2. New technology both equipment and cropping innovations
  3. Being a good neighbor to both our rural and urban neighbors
  4. Meeting customer demands
  5. Stable governments to provide us access to a world market
  6. Profitable – we cannot do this as a hobby



# Viterra's Sustainability Program



- World population is expected to grow by over a third, or 2.3 billion people, between 2009 and 2050
- The projections show that feeding a world population of 9.1 billion people in 2050 would require raising overall food production by some 70 percent between 2005/07 and 2050
- Only 5 per cent of Canada's entire land base is suitable for growing food.
- Edmonton added 185,800 acres of built-up area from 1971 to 2011, giving it the fastest growth rate in the country: 220 per cent – this is only one city in Canada
- Western Canada is expected to be one of 6 regions in the world in 2050 that will produce enough food to export to feed the balance of the world





Thank You





# Kelsey North



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**OFARM.**

