Sustainable Agriculture in Dryland Regions

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Farming Background

Adams

- Rainfall
  - 8-9” Annual Precipitation

- History
  - 1997: 10% Direct Seeded, 90% Conventional
  - 2002: 100% Direct Seeded

- Cropping System
  - 50% Chem fallow, 50% Cropped
Crops We Raise

- Winter Wheat
- Winter Triticale
- Dark Northern Spring
- Barley
- Winter and Spring Peas
- Winter and Spring Canola
Equipment- Sprayer

- Apache 1220 Plus II
- RTK 1-3” Accuracy GPS with Auto Steer
- 9 Section Auto Spray Boom Control
- Auto Boom Height
- Low Drift Air Induction Spray Nozzles
- Drift control Adjuvant
Equipment - Drill

- 60’ Bourgault 3710 10” spacing with Mid Row Banders
- 6550 4 compartment cart
- RTK 1-3” GPS Accuracy with Auto Steer
- 6 Section Auto Boom Control
- Fertilizer Rate is Prescription Applied
Winter Peas

- Windham Peas
- 4” Deep
Early Seeded Canola
June 28 2016

July 24 2016

August 24 2016
(16” growth in 1 month)
Grazing Canola

- 240 Head of Yearlings
- September 22 – October 20
Equipment - Combine

- Case IH 9230 Hillside Combine
- RTK 1-3” GPS Accuracy with Auto Steer and Yield Mapping Capability
- 40’ Flex Draper Header
Stripper Header

- 32’ Shelbourne Stripper Header
- Leaves Complete Height Residue
Pelletized Compost

- 40lbs Ac of Royal Organics Compost

Not full yet Aaron!