

Sustainable Agriculture in Dryland Regions

A pair of hands is shown from a top-down perspective, cupped together to hold a large quantity of small, light-brown, oval-shaped seeds. The seeds are densely packed and appear to be a type of grain, possibly sorghum or millet. The background is a field of dry, yellowed grass, suggesting a dryland environment. The overall image conveys a sense of agricultural sustainability and resilience in arid 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



Video



Video

Pelletized Compost

Not full
yet
Aaron!

- 40lbs Ac of Royal Organics Compost



