In other words, what have we been doing with all of our time???
Oat Cultivars from AAFC

2012  Stride (OT2069)
2013  AAC Justice (OT2084)
2014  AAC Oravena (OT8003)
Stride

Strengths:
• Resistant to oat crown rust
• High yielding capacity
• High test weight, similar to Leggett
• High protein content
• High Beta-glucan and TDF
• Resistant to smut
• Moderately resistant to FHB, lower DON
Stride

Weaknesses:

• Higher oil content than the checks
• Intermediate to susceptible reaction to BYDV
• Later maturity than CDC Dancer
• Slightly lower % plumps and % groat than CDC Dancer
AAC Justice

Strengths:

• High Test weight
• High yield in the Black soil zone
• Good thousand kernel weight, percent groat and percent plumps
• Betaglucan content higher than checks
• Total Dietary Fibre content higher than checks
Disease Resistance

- Barley Yellow Dwarf Virus tolerance better than checks
- Improved crown rust resistance, likely due to the presence of Pc91
- Improved seedling stem rust resistance, including resistance to NA67, possibly due to the presence of Pg a.
AAC Justice

Weaknesses:

• Oil/fat content higher than checks
• Lower protein content than Leggett
• Later maturing than CDC Dancer
AAC Oravena

Strengths:
• Yield similar to AC Morgan
• Heads earlier than CDC Dancer
• High thousand kernel weight
• High Test weight
• High total dietary fibre (TDF)
• Higher betaglucan (BG) and percent protein than CDC Dancer and AC Morgan
AAC Oravena

Disease Resistance:

• Resistant to smut

• Seedling resistance to crown rust and to stem rust, including NA67
AAC Oravena

Weaknesses:
• Susceptible to BYDV
• Higher oil content
• Trace susceptibility to crown rust in field
Cereal Research Centre, Winnipeg, MB
The New Crew
THANK YOU