



CANOLA DISCOVERY FORUM

NOVEMBER 13-14, 2019 | RBC CONVENTION CENTRE | WINNIPEG

#CDF19



Canola Discovery Forum 2019

Integrated Pest Management Welcome

Curtis Rempel

VP, Crop Production & Innovation



CDF Sponsors



GRAYMONT



CCC Core Funders



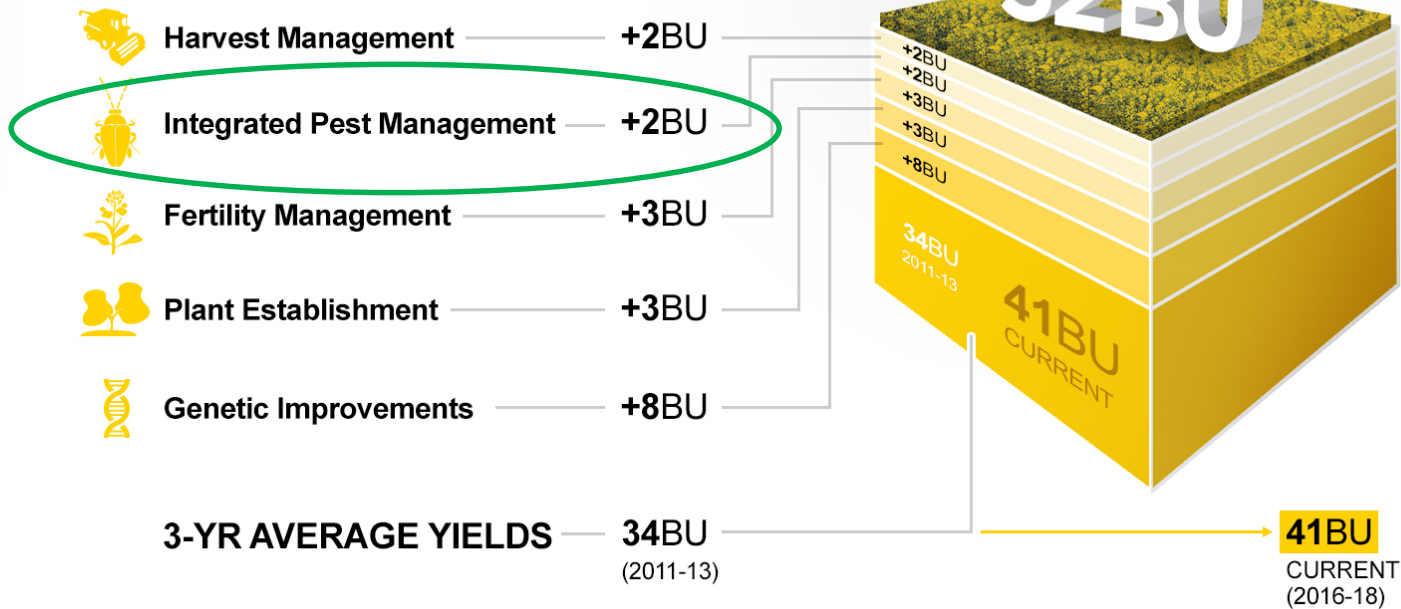


52 by 2025: How we'll get there

STRATEGY: *DEMAND Driven* - meet forecast demand of 26 mmt canola

INCREASE Yield, Profitability, Sustainability; **REDUCE** Risk

OUR TOOLS FOR INCREASING YIELDS:



2025 Environmental sustainability goals

USE LESS ENERGY



18%
REDUCTION
in fuel use
per bushel

INCREASE LAND EFFICIENCY



40%
DECREASE
in the amount of land
required to produce
one tonne of canola

SEQUESTER MORE CARBON

sequestering additional
5 **MILLION**
tonnes
of greenhouse
gas emissions in
Canadian soils,
every year



IMPROVE SOIL & WATER HEALTH

Utilize 4R nutrient
stewardship practices on

90% **OF**
CANOLA
ACRES



PROTECT BIODIVERSITY

Safeguard over

2,000
BENEFICIAL INSECTS

that call canola fields and
surrounding habitat home





Why Canola Discovery Forum?

- **Build Innovation Capacity**
 - Project Reviews
- **Align research priorities across the entire value chain.**
 - Collaboration between stakeholders; coordinated approach
- **Gap / Opportunities – Prioritize**
 - Focus resources on greatest opportunities
 - Direction to funding agencies
- **Knowledge & Technology Transfer (KTT)**



Why Canola Discovery Forum?

- **Knowledge & Technology Transfer (KTT)**
- Equip growers and agronomists with the latest research findings and best practices to farm profitably and sustainably.
- Processors and grain handlers best utilize their investments in crush plants, elevators and export terminals.
- It also helps ensure that canola continues to attract industry and public investment, providing innovation in genetics, genomics & products.
- **This benefits entire value chain.**



IPM Pillar - Research

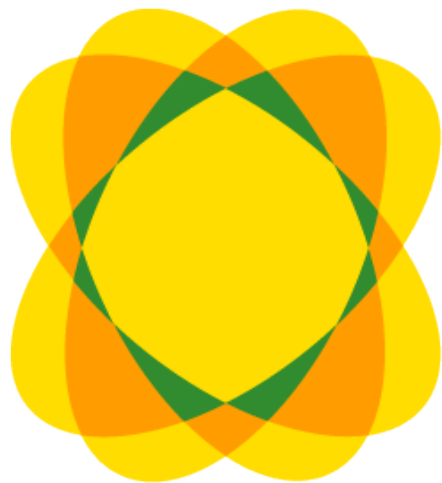
- Canadian Agricultural Partnership (CAP) Canola AgriScience Cluster
 - Value Chain (CCC) and GROWER Funded
 - \$25,513,838 Total
 - \$13,783,142 IPM – 19 Projects
- Canola Agronomy Research Program (CARP)
 - 100% GROWER Funded
 - 1999 – 2014: 61 IPM related projects - \$4.9 million
 - 2015 – 2019: 28 IPM related projects - \$9 million



IPM: CDF Agenda Highlights

- Research project updates
- Research funding update
- Research HUB
- Impact of rotations, biologicals
- Grower perspectives
- Wetland monitoring - neonicotinoids
- Trade exporter / regulatory perspective





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