



# 2022 ABC HIGHLIGHTS



6

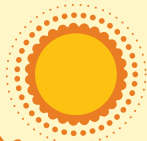
KEY AREAS:



## Research and Relationships

1. In 2021/2022, beekeepers directed the focus of the Commission's work in 6 key areas:

- Honey Bee Health & Varroa Research
- Stock Replacement
- Queen Rearing
- Assurance
- Sustainability
- Industry Innovation



15 | \$115

PROJECTS

IN FUNDING

2. We contributed time, expertise, and funds to support over 15 industry focused projects, investing over \$115K in direct funding support.
3. We partnered with leading industry, academic, and research organizations to leverage skills and expertise to deliver project outcomes.



Agriculture and Agri-Food Canada

Agriculture et Agroalimentaire Canada



\$3000  
IN EDUCATIONAL BURSARIES

## Promotion and Education

1. We awarded \$3000 in educational bursaries.
2. We recognized award-winning Alberta honey and hive products through the annual Alberta Honey Show.
3. We featured the unique flavor profile of pure Alberta honey in a custom brewed 'Honey Blonde' craft beer.



## Value for ABC Eligible Producers

1. We re-established valuable in-person learning and networking opportunities for Alberta beekeepers through a number of events, activities, and initiatives.
2. We guided the development of a set of new Commission bylaws to support a more timely response to governance requirements of the Commission.



## Expenditures 21/22

- 27% Tech Team
- 15% Producer Rel and Outreach
- 14% Research & Projects
- 13% Government & Industry Affairs
- 13% Administration
- 11% Market Dev, Promo & Ed
- 06% Honey Council
- 0.1% Board
- 0.1% Bad Debt





ALBERTA TECH TRANSFER PROGRAM

# 2022 TECH TRANSFER HIGHLIGHTS

**85** APIARIES SAMPLED

## 1. 2022 Colony Health Monitoring:

- 85 apiaries sampled 2-3x during the bee season
- 25 beekeeping operations
- 2343 samples collected throughout the season

**2** ON FARM TRAINING COURSES

## 2. Beekeeping education and training:

- 2 On-farm Integrated Pest Management (IPM) training courses
- 1 Honey Bee Diseases and Pest course
- 1 IPM Workshop
- 1 Breeder's Day
- 1 Southern Alberta Beekeepers Meeting (SAB)
- 1 Hive-side chat

## 3. Current research, extension and educational projects through important collaborations:

- Mass storage of summer-mated queens during the winter in Alberta (University of Lethbridge, end date: Feb 2023)
- Assessing Molecular, Individual, and Colony Markers of Local and Important Stocks to Improve Honey Bee Health in Alberta (University of Alberta, University of Lethbridge and Agriculture & Agri-Food Canada, end date: Mar 2025)
- Queen rearing online course (ABC bees, end date summer 2023)
- Bee biosecurity training (Alberta Farm Animal Care, end date: winter 2022)
- Effect of extreme heat during hybrid canola seed pollination on pollen nutrient status and pesticide residue (end date: winter 2022)
- Apivar Efficacy in Alberta (Alberta Forestry)

## 4. Communications and social media:

- 112 YouTube subscribers
- 10 New blog posts
- 1112 Instagram followers
- 7 TTP e-newsletters
- 11 Bee News/extension materials produced

**1112**  
INSTAGRAM FOLLOWERS

**\$30,000**  
FROM POLLINATORS FUND

## 5. Funding:

- \$50,000 from Project Apis m.
- \$30,000 from Pollinators Fund
- \$32,000 from Canada Summer Jobs
- \$64,240 from RDAR through the 'Drought and Extreme Heat Funding Opportunity'
- \$15,000 from RDAR through the 'Accelerating Agricultural Innovation Program'
- \$81,000 CAP - Risk Mitigation Program
- Additional funding comes from TTP Store sales and services:
  - Sale of locally bred queens (Revival Queens), queen rearing wheels, hive-side guides, CAPA disease books and TTP mite shakers.

