



AQUACULTURE TECHNOLOGY PROGRAM

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PEI AGRICULTURE & FISHERIES**

**Alternative & Emerging Species Workshop
December 7th, 2017**

Purpose

- Develop or adopt new techniques and technologies
 - Expand production
 - Reduce production costs
 - Maximize efficiencies
- Assess new approved species
- Improve environmental acceptability of aquaculture

Eligibility

- Any individual or legally incorporated company involved in aquaculture in PEI and holding the necessary permits, licenses and leases may apply
- Organizations and institutions recognized in the PEI aquaculture industry may also apply

Assistance

- 60% of eligible expenditures to a maximum assistance of \$10,000

Eligible Items

- Equipment & Modifications
- Materials & Supplies
- Seedstocks
- Design & Engineering Costs

Ineligible Items

- Real Estate
- Vehicles
- Salaries & wages

Guidelines

- New/innovative approach
 - Production techniques
 - Equipment
 - Culture stocks
- Valid shellfish lease or fish farm permit
- Completed proposal
 - Technical, operational, biological detail
 - Benefit to industry
- Assessment
 - Monitoring of progress
 - Final project report or demonstration to staff/industry
- Completed by March 31
- Program renewed annually

Samples of Approved Projects

- Mussel socking & grading
- Oyster harvesting and grading
- Finfish stock enhancement
- Fouling & predator control
- Water quality enhancement
- Farm management systems

Mussel Socking & Grading

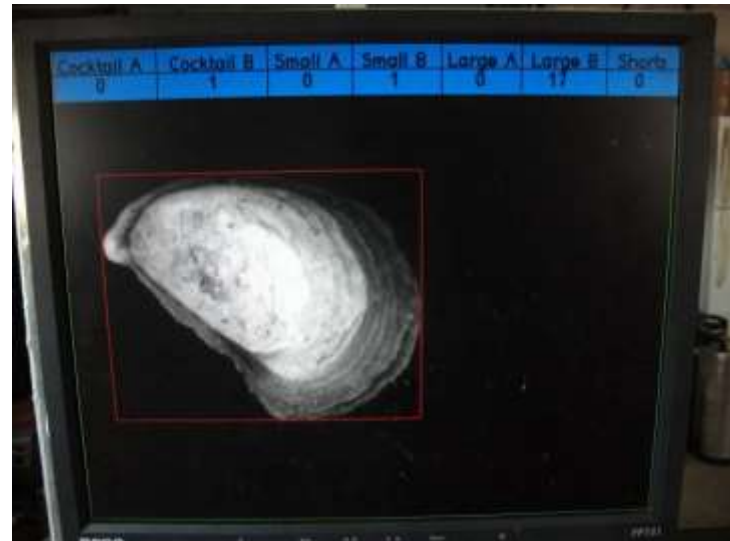
- Continuous socking
- Continuous seed collection
- Seed grader
- Mussel socking machine
- Dry mussel socker
- Automatic sock stripper



Oyster Harvesting



Oyster Grading



Cocktail A	Cocktail B	Small A	Small B	Large A	Large B	Shorts
0	1	0	1	0	17	0

Finfish Stock & Water Quality Enhancement

- Paddlewheel aeration
- UV Systems
- Containment systems
- pH control systems
- Biofilters
- Cryopreservation



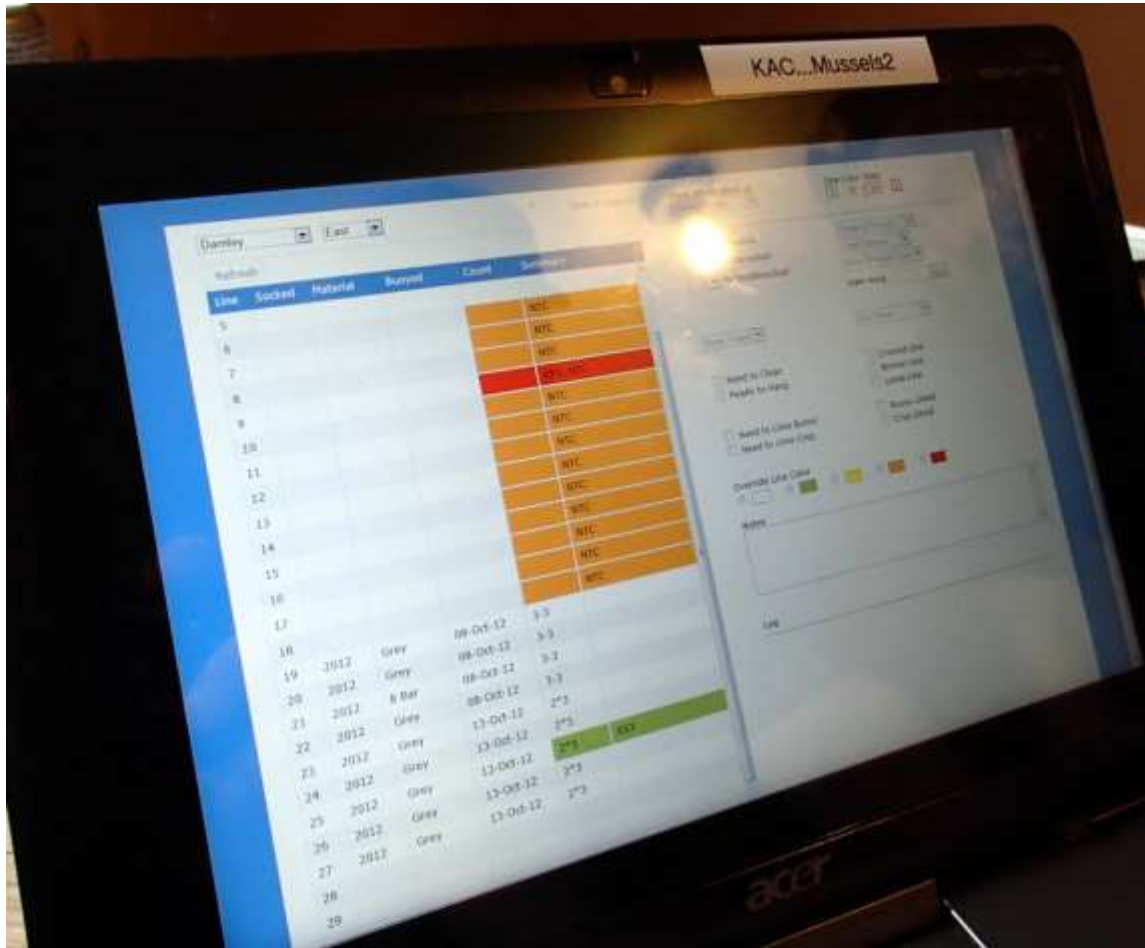
Fouling Control



Predator Control



Farm Management Systems





**Thank
You!**

"I'll be happy to give you innovative thinking. What are the guidelines?"