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2015 AQ Summit: Oyster Sub-sector Update

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A snapshot of the Maine Oyster Industry

Value: 4.5M farm gate

Jobs: 150 direct

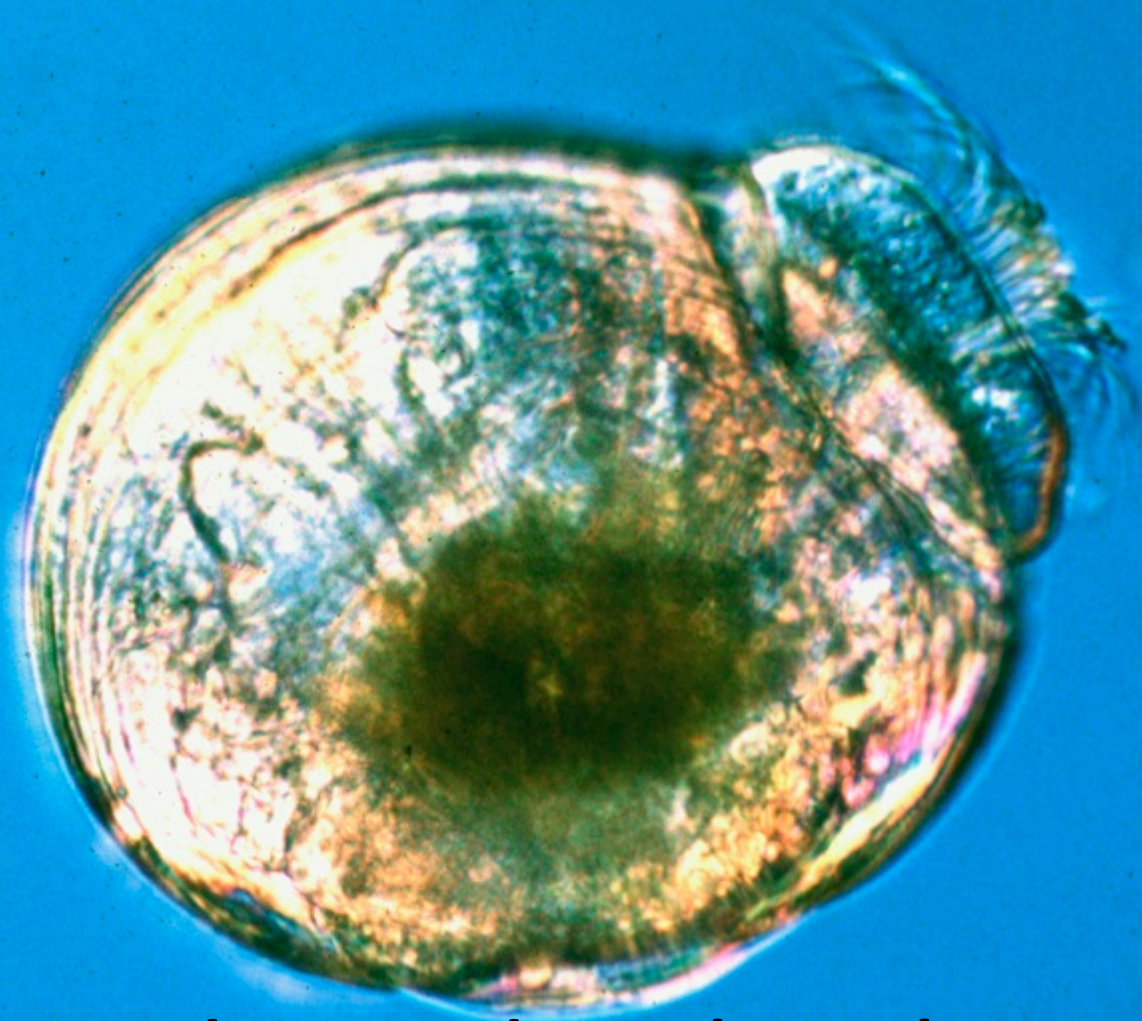
Farms: 75

Maine Oyster Farmer Profile

A satellite-style map of the Maine coastline, showing the rugged terrain of the state and the deep blue waters of the Atlantic Ocean. The map is oriented with the coastline on the right side, curving from the top right towards the bottom left. The land is a mix of green and brown, indicating forested and agricultural areas. The water is a deep, dark blue.

Where are the Farms?

Maine Oyster Farmer Profile



100% depend on hatchery seed

Maine Oyster Farmer Profile

48% use upwellers



Maine Oyster Farmer Profile

70% use Surface Gear
40% bottom plant for growout



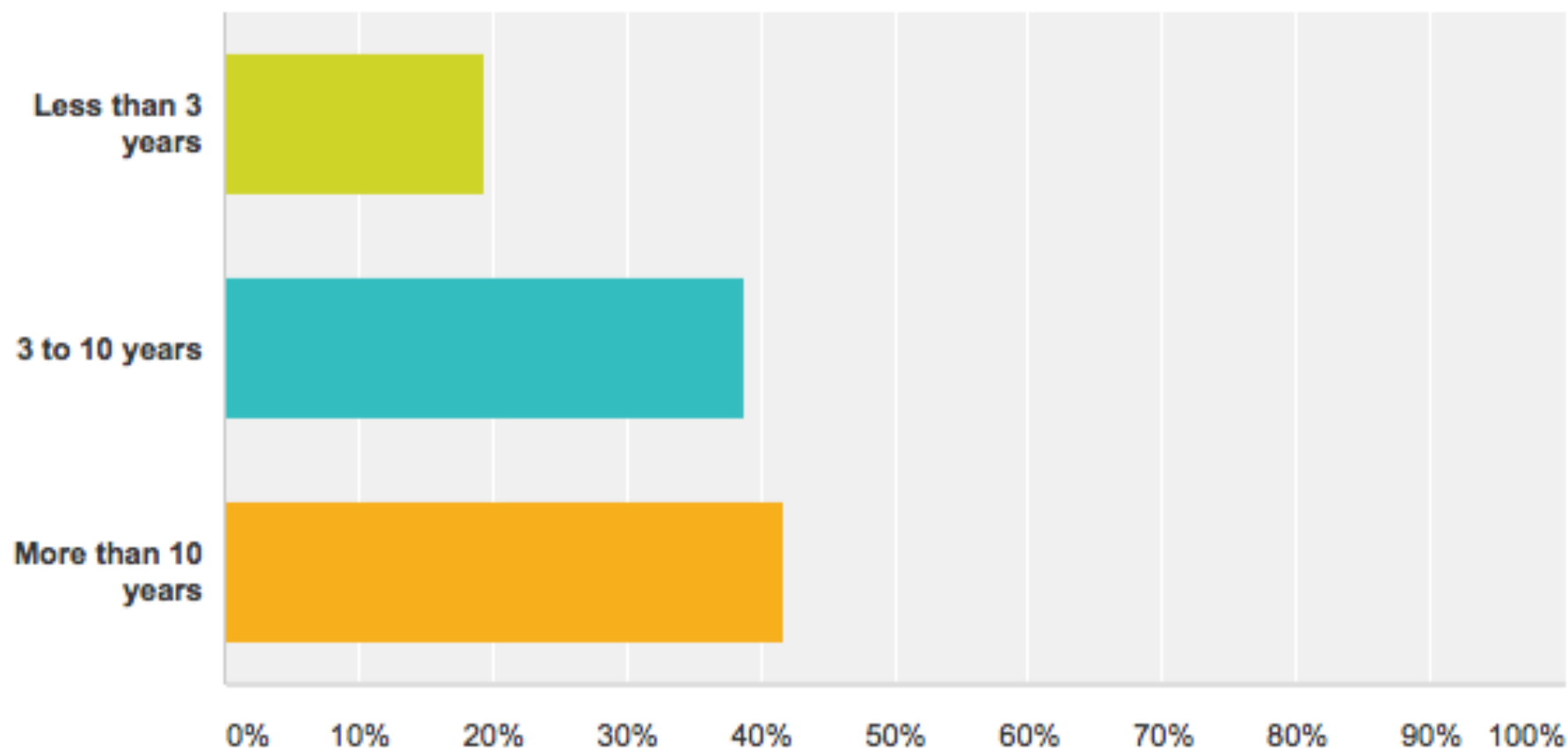
Maine Oyster Farmer Profile

Post Harvest Wet Storage

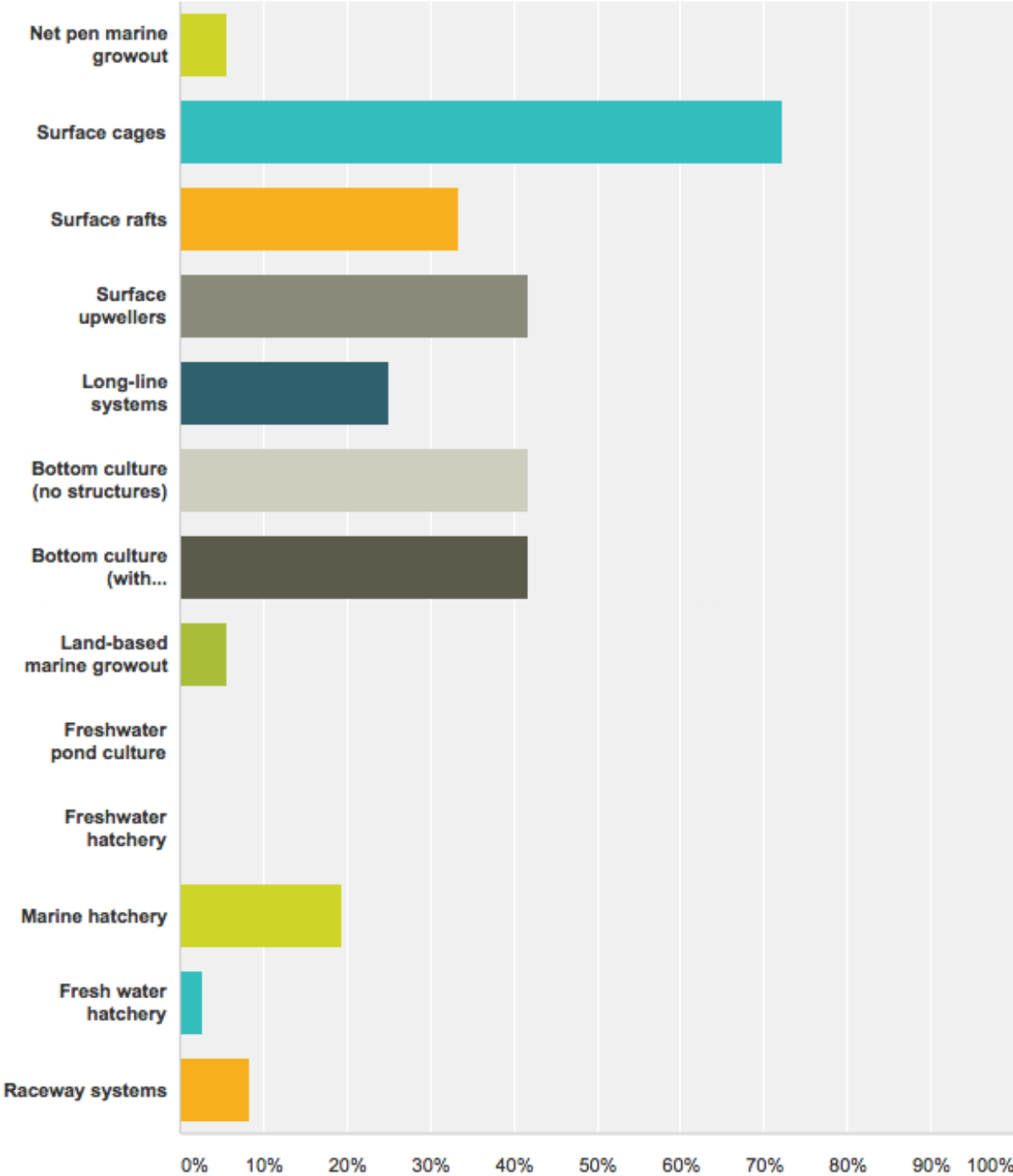


How long have you worked or been involved with the aquaculture business?

Answered: 36 Skipped: 0



Which of the following culture systems do you work with?



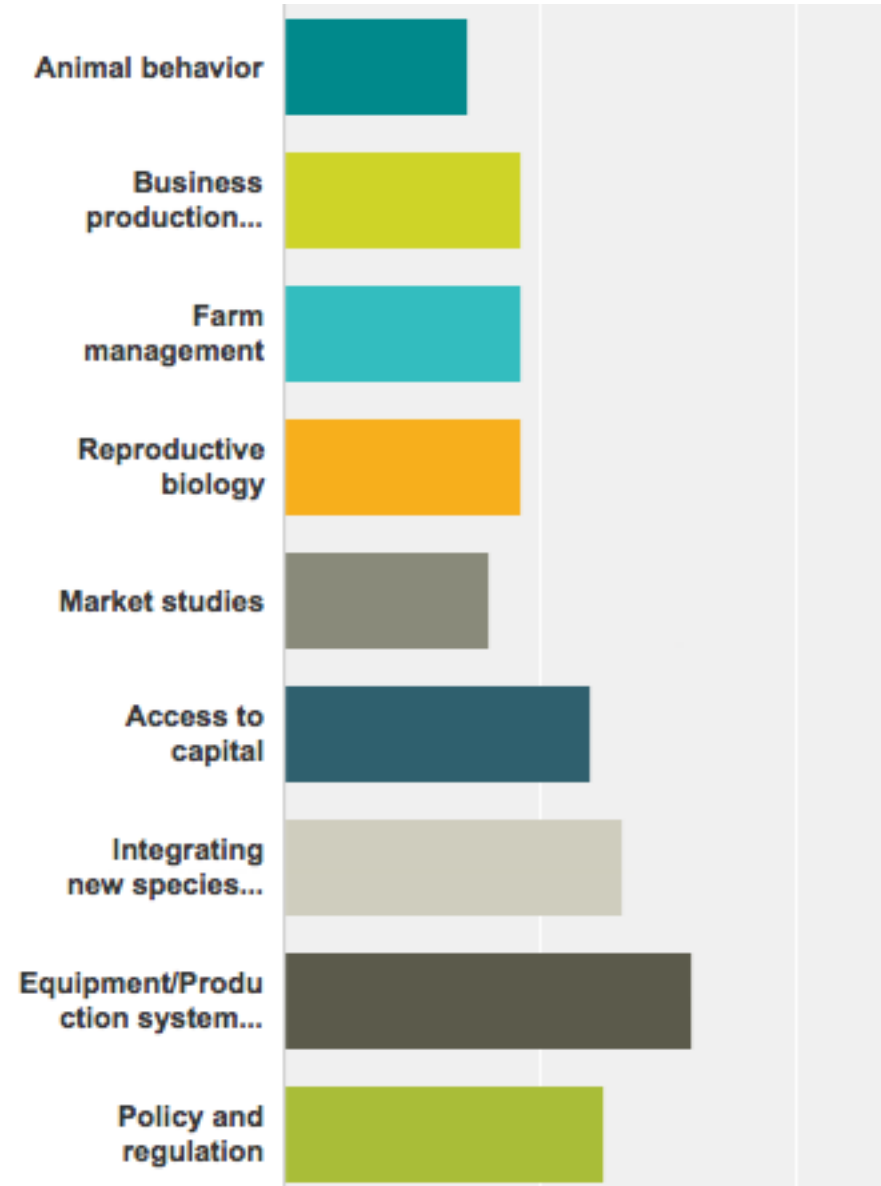
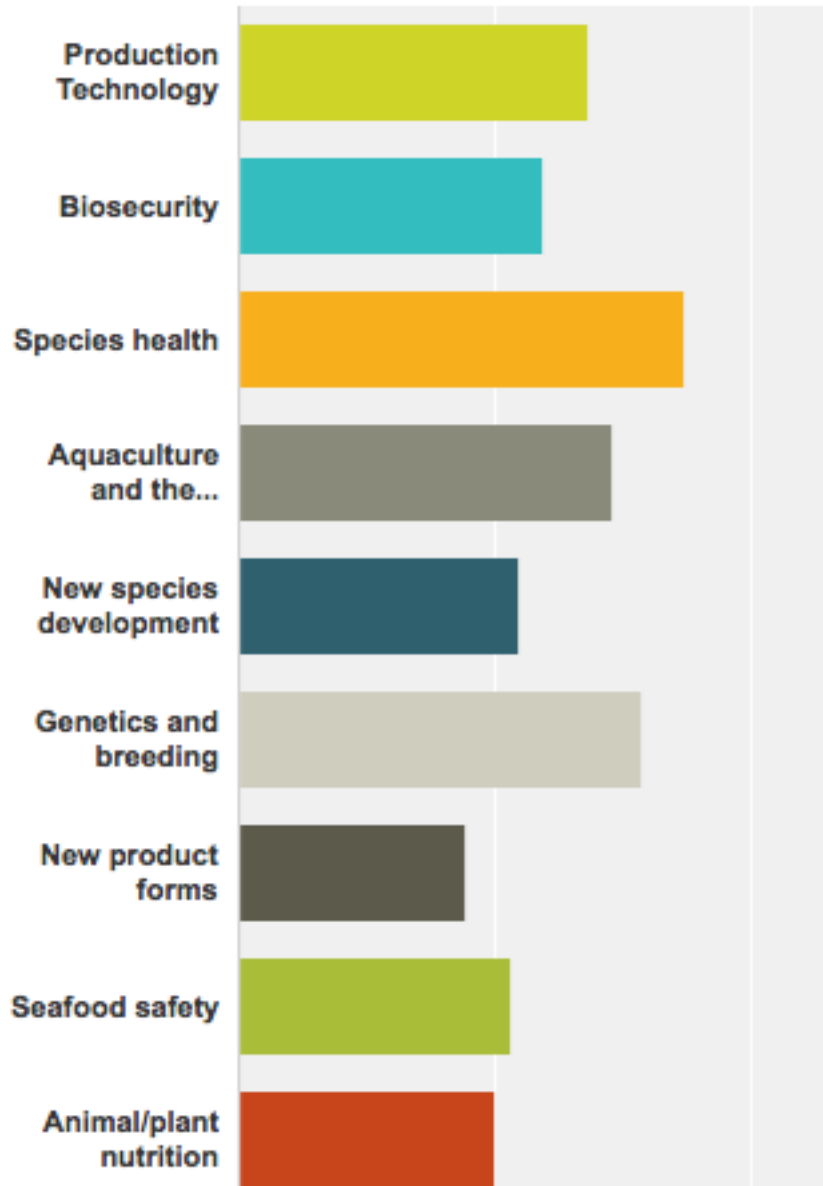
Single Greatest Barrier to Success

- Predation
- Disease
- Water quality monitoring
- Access to capital
- Permitting time

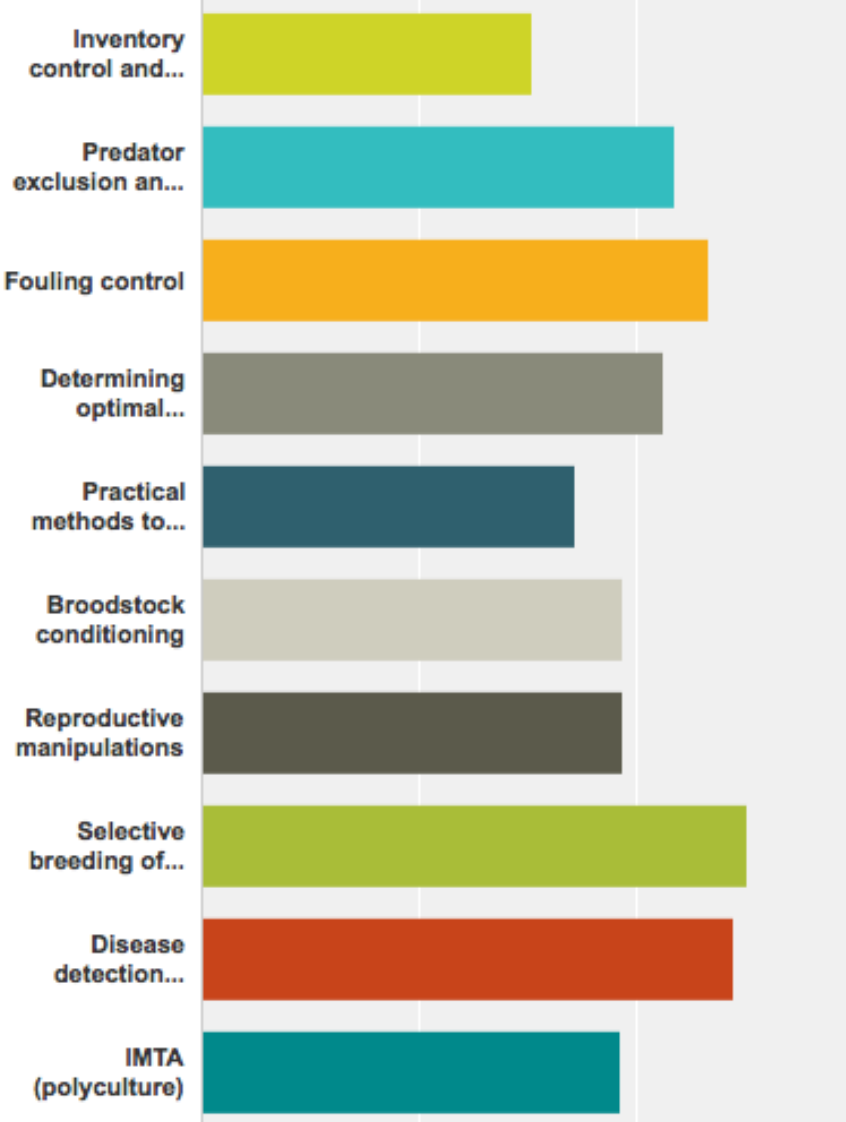
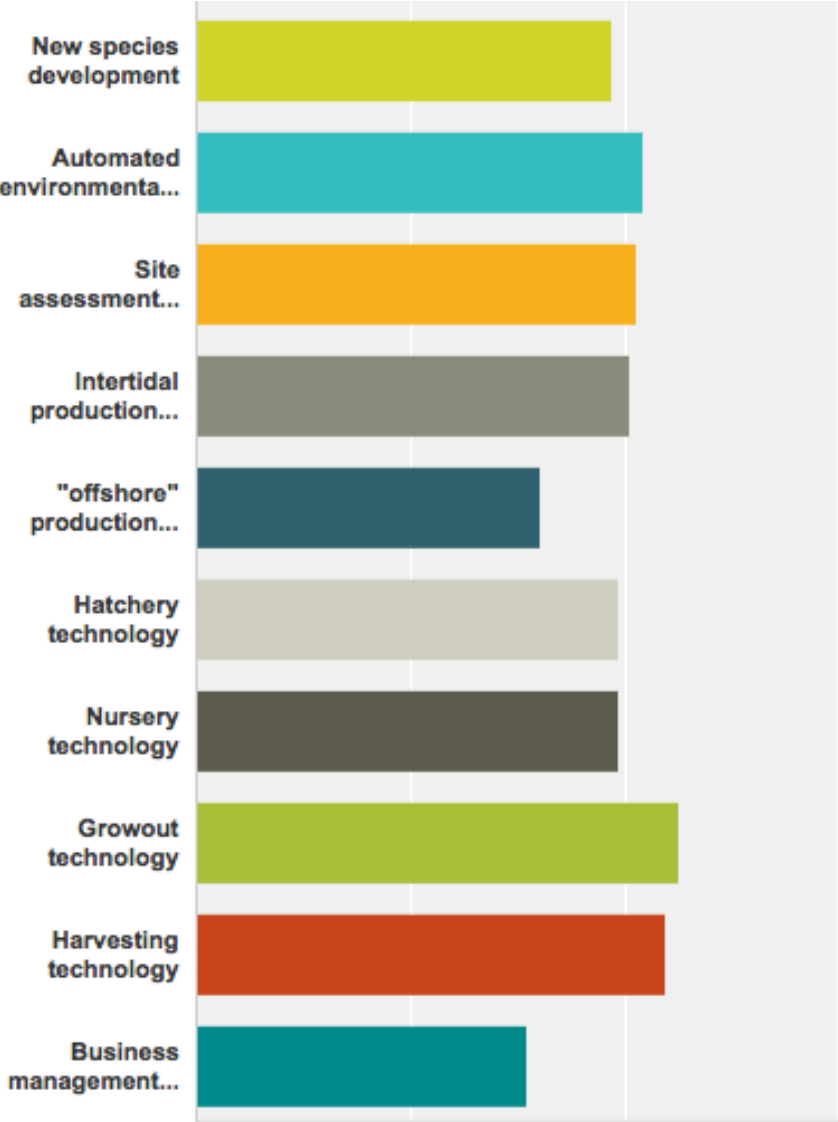
Single greatest Opportunity

- Market demand for Maine product

Importance to your business of new research in the following topic areas



Please rank the following production areas with respect to the need for further research



Examples of specific research sited

- *Polydora websterii* (life history)
- Green crab predation (mitigation)
- Biofouling control
- Oyster breeding for disease resistance
- Water quality/public health (*Vibrio*)
- Culture technology
- Oyster diseases (MSX, Dermo)

Polydora websterii infestation



- Courtesy of Canadian DFO

Green Crab Predation



Biofouling control



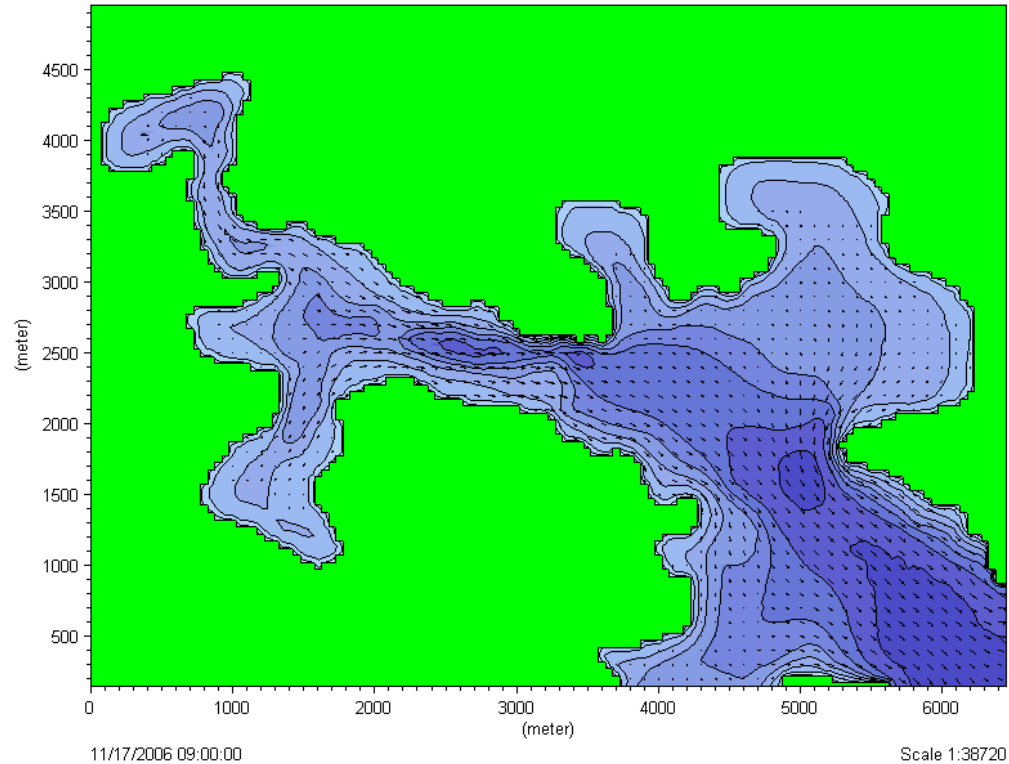
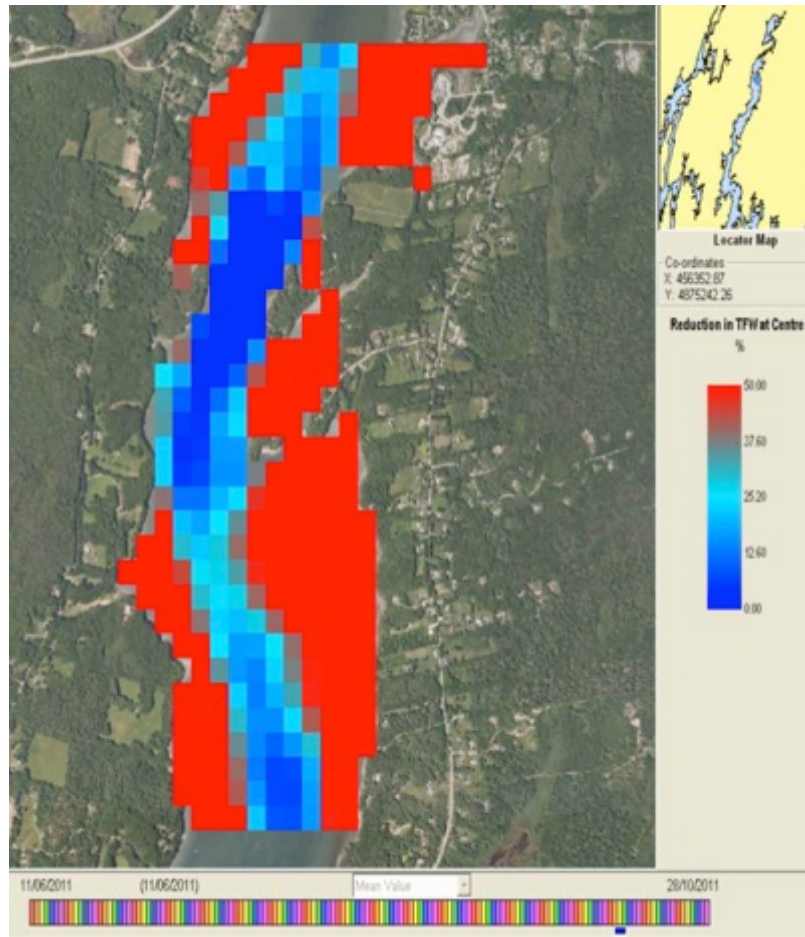
Breeding Programs



Vibrio Management



Culture Technology



MSX & Dermo

