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2015 AQ Summit: Short Report

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1st ANNUAL MAINE AQUACULTURE R&D FORUM

AQUACULTURE IN MAINE: SUMMARY OF R&D PRIORITIES

Shellfish Aquaculture R&D Priorities in Maine

1. Selective breeding
2. Site selection for grow out
3. Harvesting efficiency

Other priorities identified:
Nursery technology
Seed collection technology
Direct sales from Farms
Crop protection
Shell hardness (mussels)
Vibrio detection/resistance

Fin fish Aquaculture R&D Priorities in Maine

1. Sea lice
2. Feed quality
3. Superchill

Other priorities identified:
Amoebic Gill Disease
Bacterial Kidney Disease
Disease diagnostics
Effluent treatment
Farming Blue Fin Tuna

Sea Vegetable Aquaculture R&D Priorities in Maine

1. Identifying new high value products
2. Processing technology
3. Nursery & Seeding Technology

Other priorities identified:
Site selection for grow out
Harvesting efficiency

Non-sector specific Aquaculture R&D Priorities in Maine

1. Waste utilization
2. Social acceptability
3. Identification of new candidate species

Other priorities identified:
Management of invasive species
Management of impacts of environmental change
Offshore aquaculture
Inter-tidal aquaculture
Engaging citizen scientists for environmental data
Knowledge sharing

Processing/Product Development Aquaculture R&D Priorities in Maine

1. By-product re-use

2. Understanding consumer preferences & markets
3. Value added products for pharma, biotech etc industries

Other priorities identified:
Multi/shared-use processing centers
Food traceability
Social acceptability

Aquaculture Gear Technology R&D Priorities in Maine

1. Re-using working waterfront infrastructure for aquaculture
2. Heating efficiency

3. Adapting lobster boats for aquaculture, & Using lobster pounds for aquaculture

Other priorities identified:
Gear share schemes