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2015 AQ Summit: Short Report

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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

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

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

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

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

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