

Kelp Mariculture Working Group – Moving the Industry Forward

Friday, May 22, 2020 10:30am – 12:00pm

Zoom Link - <https://us02web.zoom.us/j/4610474465>

Agenda – Objective for the group to identify current activities, and develop project (s) to address bottlenecks and a path forward.

Overview:

Production: All mostly small with growing interest and capacity

- SE – Large 300k – 750k lbs (?) (Seagroves)
- Kodiak – Medium 150k – 300k lbs (?) (Alf & Nick)
- PWS – Small (organizing cooperative)

Hatcheries:

- SE – Oceans Alaska/Seagrove: Capacity for 300k' seeded twine
- Kodiak – Blue Evolution/NOAA: Capacity for 150k' seeded twine
- Seward – Alutiiq Pride: Capacity for ??? seeded twine

Processing:

- Ketchikan, Kodiak – Not more than 2k-5k per hour, each
- Need 20k-40k per hour

Bottlenecks in Seed Production – Value Added Processing – Scalable Markets

- What is the critical next step to addressing these issues?

PNNL

Update on DOE program

- Update on adding additional physiological characterization panels to the laboratory process
- Asset Mapping
- Identifying kelp value-added processes and equipment
- New information

Alaska Mariculture – Current Development

Active projects:

- Kelp Marketing Program
- Alaska Mariculture Initiative – Phase 2 – (funded by NOAA) – seaweed farm training workshops
- Alaska Seaweed Market Assessment (Funded PSFMC) – market analysis and communication plan
- Seaweed Product Development (funded ADNR) – develop prototype snack foods.
- Growing & harvesting more efficiently (funded ARPA-E) – Production and Marketing
 - Oceanium (bio-plastics company) Matthew Fagnani/Julie Decker

Projects in development:

- The Mariculture Task Force 10-research projects
- Build out market program for Alaska seaweed

Integrating Denali Project

Review of Denali Funding proposal and program. Objective is to integrate with current efforts to leverage resources and not duplicate existing tasks. Directly address bottlenecks for moving forward.

- Mobile Hatchery,
- Primary Processing
- Market for Scalable Kelp (100's millions of pounds)