Shellfish
Aquaculture
Gear

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Where do you start?

- Species
- Location - depth, current, wind
- Existing Infrastructure
- Available Capital
- Market
- Production Plan

All can play a major role in which gear you choose.
Gear Selection
Some Factors to Consider

- Initial cost and gear life span
- Capacity (production unit)
- Handling (manual vs mechanical)
- Fouling control (labor)
- Predation
- Tumbling (shape, growth)
- Storms
Materials

- Initial cost and gear life span

Fasteners:
- Clips
- Hog rings
- Zip-ties

Rigging:
- Pins
- Hooks
- Rope
- Longline Clip
- Ropes
- Cables
Fouling control

Fouling on Gear - inhibits flow and feeding
Fouling on Animals - affects product quality, cause mortality

Reduce fouling by:
• Air Drying
• Dips
• Powerwashing
• Tumbling
Zones for Culture Gear

- Land-based
- Intertidal
- Subtidal
- Floating
- Suspended
- On-Bottom
On Bottom
Oysters in trays directly on bottom
Off - Bottom

Trays

Cages or Condos
Australian Long-line System

Fixed or adjustable height
Suspended cages

Deeper water
Floating Bags
Floating Cages

Large floats dry gear and animals
Aquaculture Demonstration Center