

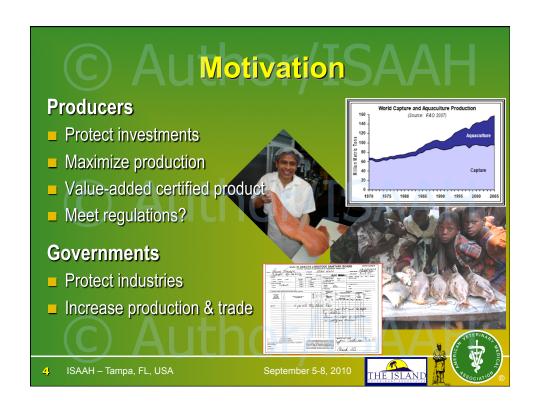
Autto Cover SAAH

- Why? Motivation
- What? Necessary components for practical & effective biosecurity plans
- How? Components are integrated
- Who? Does the work
- When? Biosecurity auditing/certified might be accomplished
- The next steps & the way forward

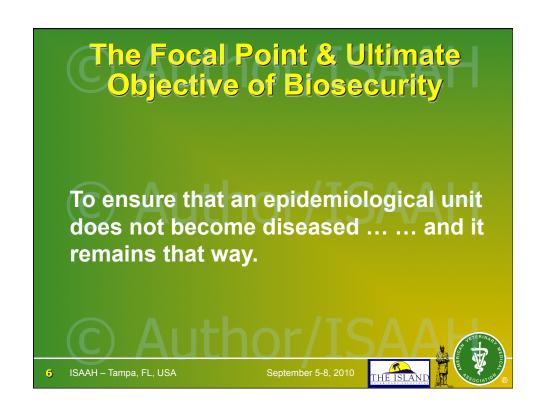
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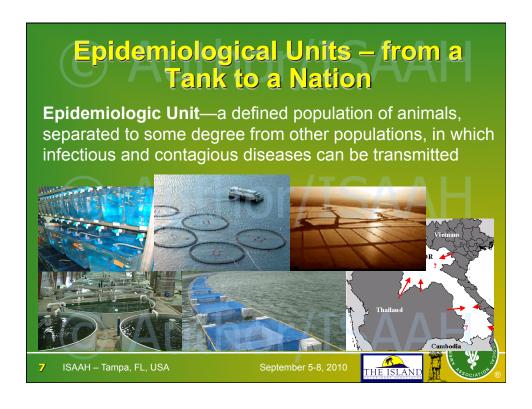












AThe Components AH

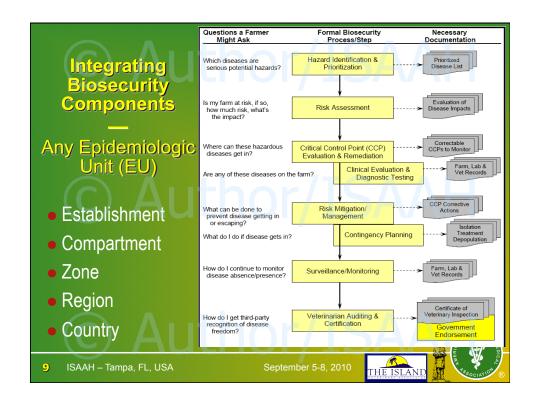
What procedures & processes need to be place to prevent (or control & eradicate) infectious & contagious diseases?

- Identify disease <u>Hazards</u> & <u>Risks</u> (risk analysis)
- Identify <u>Critical Control Points</u> (for disease entry / escape)
- Fix / Mitigate Critical Control Points (risk management)
- Develop <u>Contingency Plans</u>
- Determine <u>Disease Status / Freedom</u>
- Monitor progress & Audit implementation
- Certify Biosecurity Levels / Disease Freedom

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Implementation Personnel & Activities

Personnel

- Operation owner & employees
- Licensed/registered / accredited veterinarians
- Para-veterinary
 professionals vet techs,
 nurses, fisheries biologists

Activities

- Written operation-specific Biosecurity Plan & records
- Veterinary evaluation, diagnostic interpretation, auditing, ABC certificates
- Diagnostic lab tests, general assistance

Workforce – Training & credentialing needed for all individual involved in activities

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Implementing Biosecurity Steps

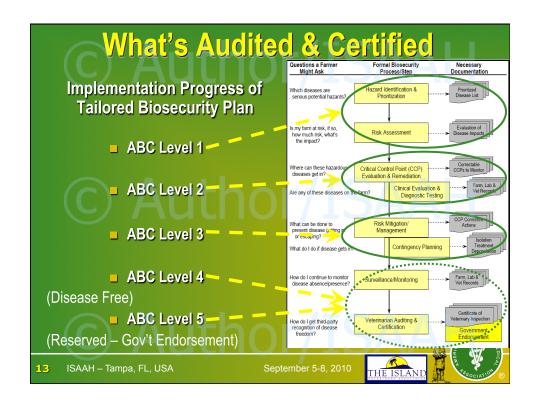
A progressive process – in written Plan

- ABC Level I Committed to developing site-specific plan; decision deciding disease hazards/risks
- ABC Level II Risk analysis, CCP evaluation & mitigation evaluation complete, diagnostics started
- ABC Level III CCP/risk management & contingency plan in place; diagnostics complete
- ABC Level IV Full audit complete; disease-free/SPF
- ABC Level V Government Agency endorsement

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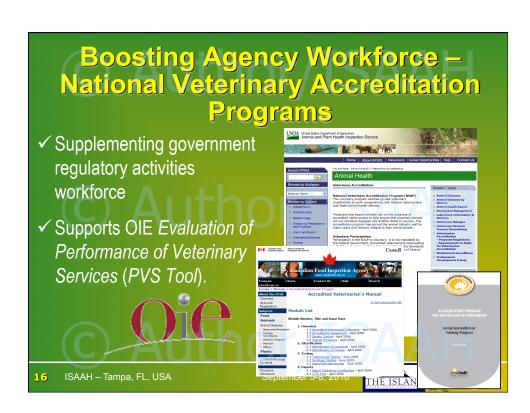


Governmental (competent authority) Endorsement

- For "official" recognition (primarily for meeting regulatory requirements) non-governmental programs require government agency endorsement
- Voluntary NGO/industry programs must meet the same endpoints as government/regulatory programs
- Biosecurity endpoints measures (prevention, control, eradication) are in place to ensure Epi-Unit (e.g. farm) is SPF

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Implementation Considerations

- Ideally an Internationally Standardized Approach
- Large well-funded producers
 - will adopt easily
- Small-scale, resource-limited producers
 - will need
 - ownership,
 - self motivation
 - explicit returns for investment

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Producer & Workforce Training & Credentialing

Next Steps

- Producer & service provider training workshops
 - 1-day theory & process
 - 1-day table-to exercises & scenario modeling
 - 1-day on-farm exercise
- On-line recognition
 - Producers actively implementing a V-ABC program (& ABC Level)
 - Service providers credentialed as trainers & implementers

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△The Way Forward△△⊢

International Veterinary Aquaculture Biosecurity Consortium Initiatives

- September 2010 ISA-Biosecurity Workshop, Norway
- October 2010 ISA-Biosecurity Workshop, Peurto Montt, Chile
- 2011/12 FOA/OIE EUS-Zambezi Valley Biosecurity Workshops
- October 2011 WVA Aquaculture Biosecurity Workshop, Cape Town, S. Africa
- Possible Turkey, UK Workshops

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