

POMS FORUM AGENDA

1. Welcome & Introducing new ExO	1:00-1:10	Dan Roden
2. Introduction to Research Projects	1:10-1:20	Christine Crawford
3. Biosecurity Tasmania: Update	1:20-1:35	John Preston / Rod Andrewartha
4. Window of Infection Project	1:35-2:00	Sarah Ugalde
5. POMS Survey	2.00-2:30	John Preston
6. The Yield's Sensors: Refresher and Update	2:30-2.40	Ros Harvey
Afternoon Tea		
7. ASI research update	3:10-3:40	Matt Cunningham
8. DPIPWE Strategy	3:40-4.00	Ellis Cox
9. Summary of Research Projects related to farm management	4:00--4:15	Christine Crawford
10. General Discussion	4:15-5:00+	All participants, Dan Roden (chair)
Informal discussion, dinner / drinks in the evening at Midway Point Tavern		

Oyster farming post POMS the new reality

Introduction to research

Christine Crawford IMAS



Business
Cooperative Research
Centres Programme



Biosecurity Tasmania
Department of Primary Industries, Parks, Water and Environment

1st POMS outbreak January 2016

Funding from Aus. & Tas. Governments

1. Immediate support to industry

- clean up, industry fees paid by govt, low interest loans
(now ended)
- Biosecurity Officer, POMS Liaison Officer

2 Research CRC-P Future Oysters 2016-2019

CRC-P's support industry-led collaborations to develop important new technologies, products and services.

CRC-P Future Oysters research priorities developed by industry reps in collaboration with researchers and government managers



Research CRC-P Future Oysters 2016-2019

1. **Better Oysters:** Accelerated Pacific oyster (PO) breeding research (ASI)
2. **Healthy Oysters:** Advanced understanding of POMS to guide farm management decisions in Tasmania (IMAS)
3. **More Oysters:**

Research activities developed in collaboration with University of Sydney POMS researchers (Whittington, Hicks & team).

Research conducted in collaboration with Biosecurity Tas., including POMS newsletter



Healthy Oysters: Advanced understanding of POMS to guide farm management decisions in Tasmania

Objectives:

1. To determine:
 - i) the periodicity of infection of OsHV-1 virus in Tas.,
 - ii) advance the understanding of the drivers of POMS disease outbreaks,
 - iii) develop a predictive framework that allows Tasmanian oyster industry to forecast danger periods for POMS.

2. To develop farm husbandry and handling protocols to maximise oyster production in POMS areas by investigating oyster survival in relation to:
 - i) subtidal versus intertidal culture,
 - ii) high water flow areas compared with low flow,
 - iii) reduced handling,
 - iv) size and timing of spat onto growout farms, stocking density.



Healthy Oysters: Advanced understanding of POMS to guide farm management decisions in Tas.

- Summer 2016/17 – first summer with POMS already established.
- Only one year of data for period of infection.
- Results preliminary and reliability will improve as more data gathered each year.
- First year a big learning year, similarities/ differences with NSW
- Funding limited to part time researcher/PI, 1 full time research officer, and part time technical officer, PCR analysis, travel and consumables.
- Funding arrived late



Results to be presented on Window of Infection, POMS survey, trial mortality assessments and a summary plus additional information