

1st Multinational Meeting on Sea Lice Research

Bergen, February 10-11, 2010

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Outline

- Status
- Target Lice
- Sea lice challenge trial

Status of Ektobann/Calicide

- Norway- temporary marketing authorisation
- Canada- emergency drug release
- Ireland- AR 16
- UK



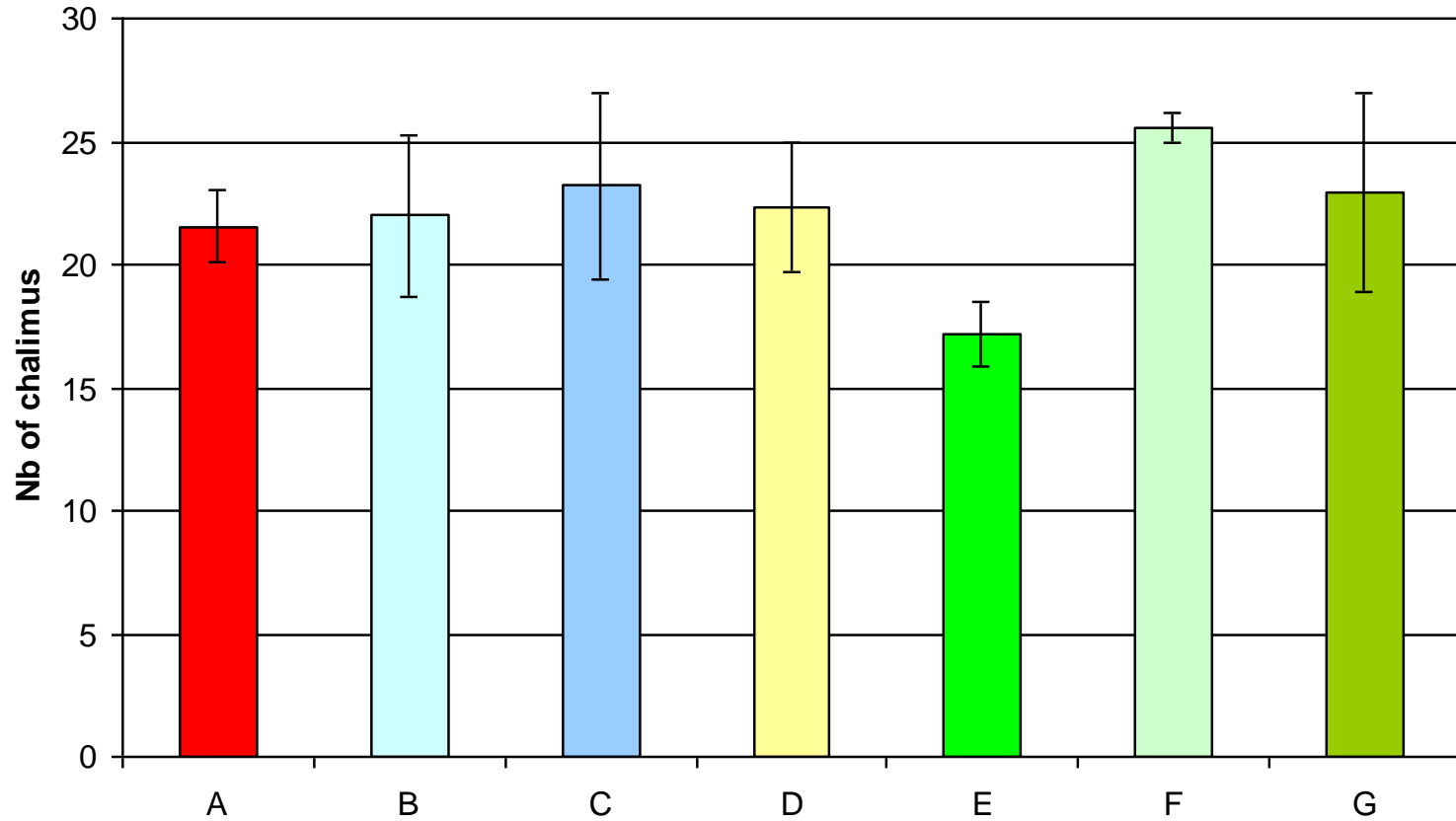
Target Lice

- Contains highly refined beta 1,3-1,6 glucans, which increase both the quantity and activity of macrophages.
- The effect of the glucans is further stimulated by a vegetable protein ingredient.
- Target Lice feed is preventive - during critical periods the salmon will strengthen its own resistance to lice infestation.

Sea lice challenge trial

- 7 diets, 21 tanks, 30 fish per tank
- Initial weight 168g
- Fed experimental diets 4 weeks before the lice challenge
- Challenged with copepodites
- 15 fish per tank sampled at Chalimus III/VI stage
- 15 fish per tank sampled at Adult stage

Lice count 9 days Post Challenge



Results

- No significant difference in growth.
- Diet E significantly less lice at the chalimus stage.
- Average lice number lower at the final sampling (~7 adults per diet).
- Waiting for results of histology of skin and proteomic of mucus/plasma.

New trial planned to test doses of diet E +
some other functional ingredients.