

Information about the health conditions in Camanchaca macro-zone # 6 grow out centers

Complementing previous disclosures, Camanchaca reports it has voluntarily conducted exhaustive testing of all of its salmon farms operating in the Aysen region, in order to look for any possible evidence of the presence of virulent ISA virus.

To date, Camanchaca reports that of the total samples collected and analyzed by independent laboratories, none of these has shown positive results. Therefore, there is no evidence to indicate the presence of virulent ISA virus in Camanchaca's centers located in the XI Region.

Additional information on these subjects:

1. Camanchaca currently operates five salmon sites in the Aysen XI Region; all of these five sites are located in the macro-area # 6, which has been declared a health emergency zone by Sernapesca. In these five sites, Camanchaca has to date 3,791,000 live Atlantic salmon. As a preventative measure Camanchaca has decided to accelerate the harvest pace of 2 of these 5 sites. This will mean that in the next 6 weeks, there will be only 3 active sites left in macro-area #6. The current average weight of the salmon being harvested in these two sites is 4.1 kg so far, this is below the average weight for Camanchaca in 2013 year to date which reached 4.8 kg per fish. In terms of total planned harvested weight the impact of this preventive accelerated harvest from these two sites is estimated to be negligible on the full year 2013 plan.
2. Following the ISA virus surveillance regulation (PSEVC-ISA), Camanchaca has sampled in a monthly basis each of the different farms owned throughout Chile, and has been doing so ever since the fish enter the sea water. The last one was conducted on April 4th; and to that date, there have been no positive results for the presence of this virus in its virulent type.
3. Preventively and to show the most updated health status of our centers in the XI Region, between April 10th and 11th, Camanchaca voluntarily proceeded to make a thorough sampling in 100% of the cages of the five centers mentioned above. Sampling was done with the "search" criterion of ISA virus presence; therefore, samples of 75 cages of five farms of macro-zone 6 were analyzed. Sampling was carried out by Company veterinarians, considering the use of samples that have a higher risk of containing the virus (i.e. animals dying and /

or recently dead). These samples were processed and sent to *Aquainnovo Laboratory* (included in Sernapesca Network) ensuring the molecular quality of these. Samples were subjected to the official technique for determining ISA virus (Taqman probe real-time RT-PCR).

4. The sample results taken on April 10th and 11th, for all of the 75 cages Camanchaca is operating in the macro-area # 6, were negative for ISA virus presence in its virulent type. All quality controls associated with the process of analysis showed values within accepted ranges.
5. In addition to the mandatory norms, Camanchaca has taken steps to prevent additional risks, among which are:
 - a. Strict monitoring and biosafety policy enforcement throughout the seeding operation at sea, including the reinforcement of biosecurity knowledge and policies to all personnel involved, as well as information campaigns on contagion vectors. A proactive policy exists regarding transparency and timeliness of reporting abnormal situations.
 - b. Reinforcement of center's disinfection measures, extending it to the higher risk components of the supply chain, including suppliers.
 - c. Severe restrictions of access to the centers to non-members of the working team, and duplication of safeguards.
 - d. Reducing the time of mortality causes diagnosis through adequate daily necropsy.
 - e. Implementation of new safety procedures for the extraction, handling and disposal of mortality.
 - f. Independent audits on critical production and health processes, to ensure adequate enforcement of Camanchaca's biosafety standards. This also includes processes hired by third parties.
 - g. Full cooperation and willingness to work in coordination with the other companies that own concessions in the macro-area # 6, in all that relates to preventive biosecurity measures.
 - h. Exhaustive review of seeding plan for XI Region, seeking optimization of risk mitigations for 2014 harvests, including seeding reductions in underperforming districts.
6. Camanchaca maintains its double commitment of maximizing measures to detect anomalies, and keeping the interested public informed in a timely manner.