



DIE GEBIRGSGARNELE AUS
DER STEIERMARK

Shrimp Hatchery

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Hatchery timeline

2019

Oct 2019

Apr 2020

Jun 2020


Dec 2020

2021



Construction

- Biosecure location
- Artificial seawater



P. stylirostris 1st generation

- SPF Stylirostris
- Genetic program



P. vannamei broodstock

- 15 females
- 15 males
- SPF from USA



P. vannamei production

- First customers for PLs
- Real 24h transport
- Big size >8mm



New tanks

- 6000 liters /each
- 10 times bigger
- Increased automation



Full scale production

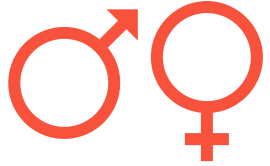
- From 2M PLs/month
- Up to 4M PLs/month



Penaeus stylirostris



Only SPF *P. stylirostris* available in Europe



Second generation breeding program



Own use only



Penaeus vannamei

SPF
Breeders



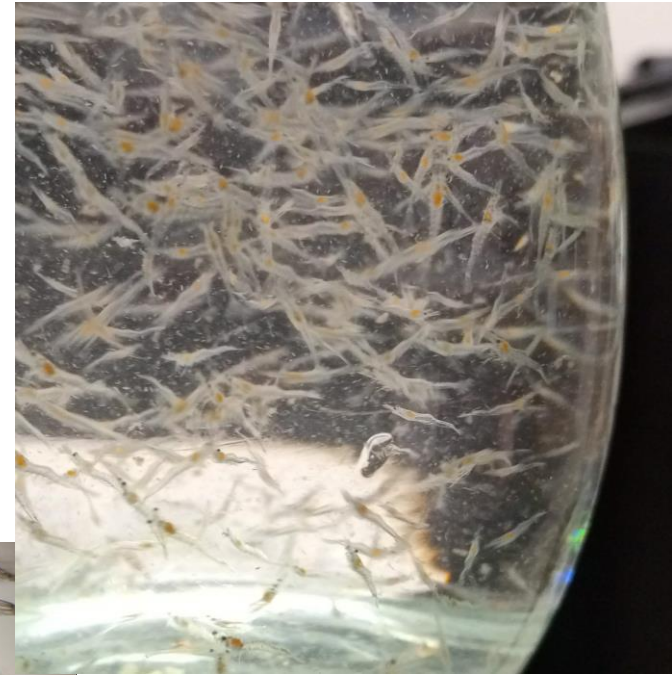
Live feeds



Traceability



Quality
monitoring



Hatchery performance



Genetics:

- High growth performance
- High resistance to bacterial load
- High resistance to intensive farming



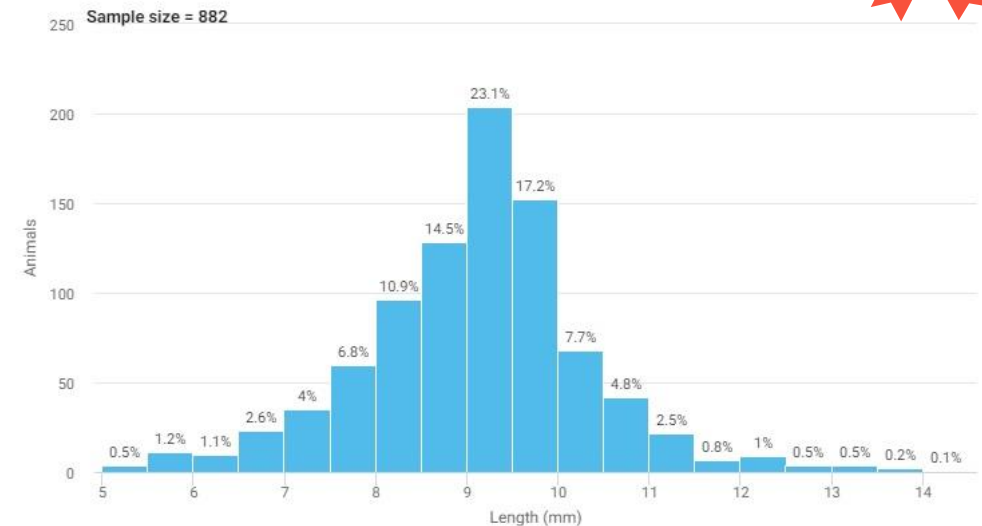
Quality:

- Daily larval monitoring
- Post larvae statistics
- No use of antibiotics or disinfectant

Results

Total count	Avg length	Length CV
1,418	9.11 mm	13.84%

Length distribution



Hatchery performance



Current → half million PLs per month



2021 → 2 million PLs per month



Target → 4-5 million PLs per month





End