



XIV FENACAM

Produção de Matrizes e Pós-larvas Resistentes: A alternativa de Maior Viabilidade para Continuar Produzindo na Presença da Mancha Branca

Luiz Augusto Moniz de Aragao Faria

Confirmação de Mancha Branca nas Americas



Centroamérica



Pueblo
Nuevo

Reserva de
Vida Silvestre
San Bernardo

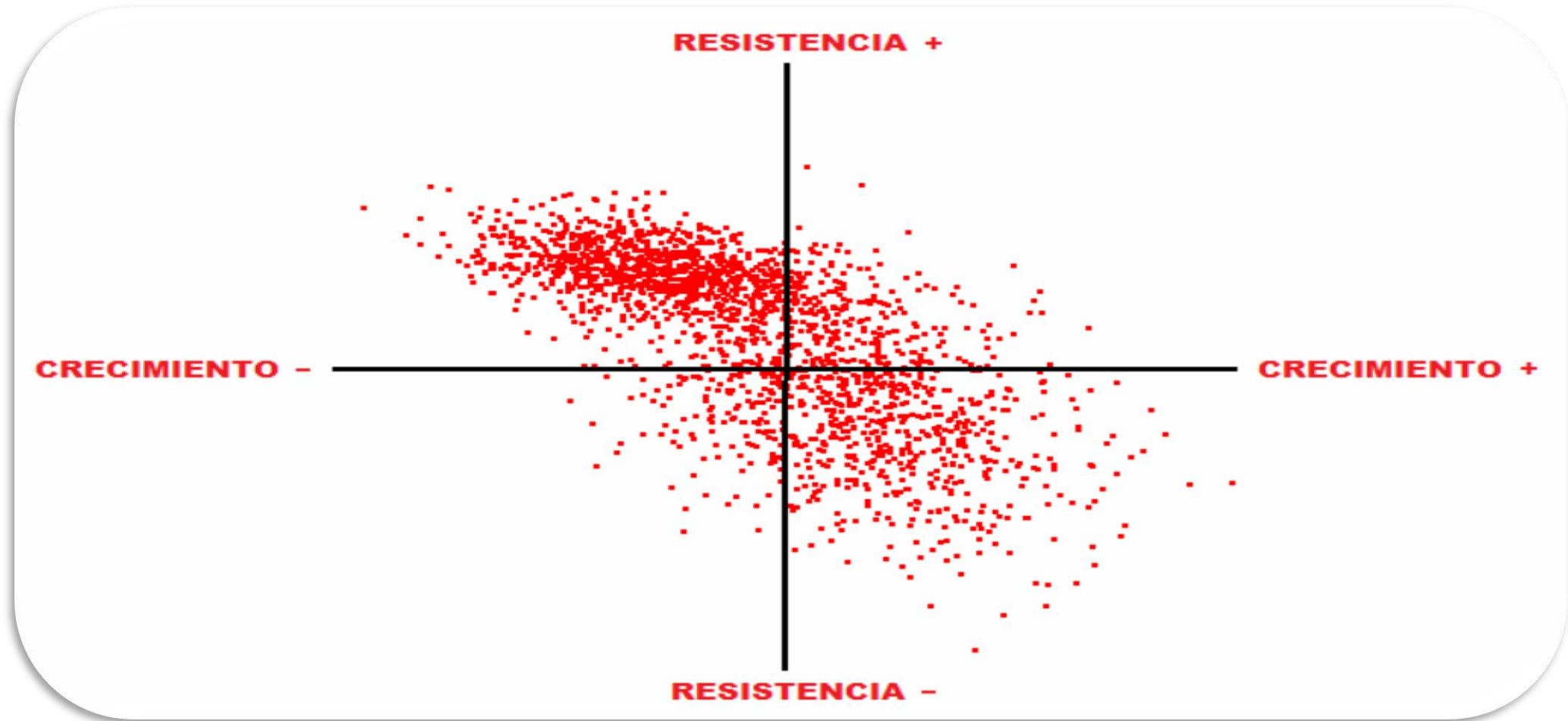
Furacão Mitch



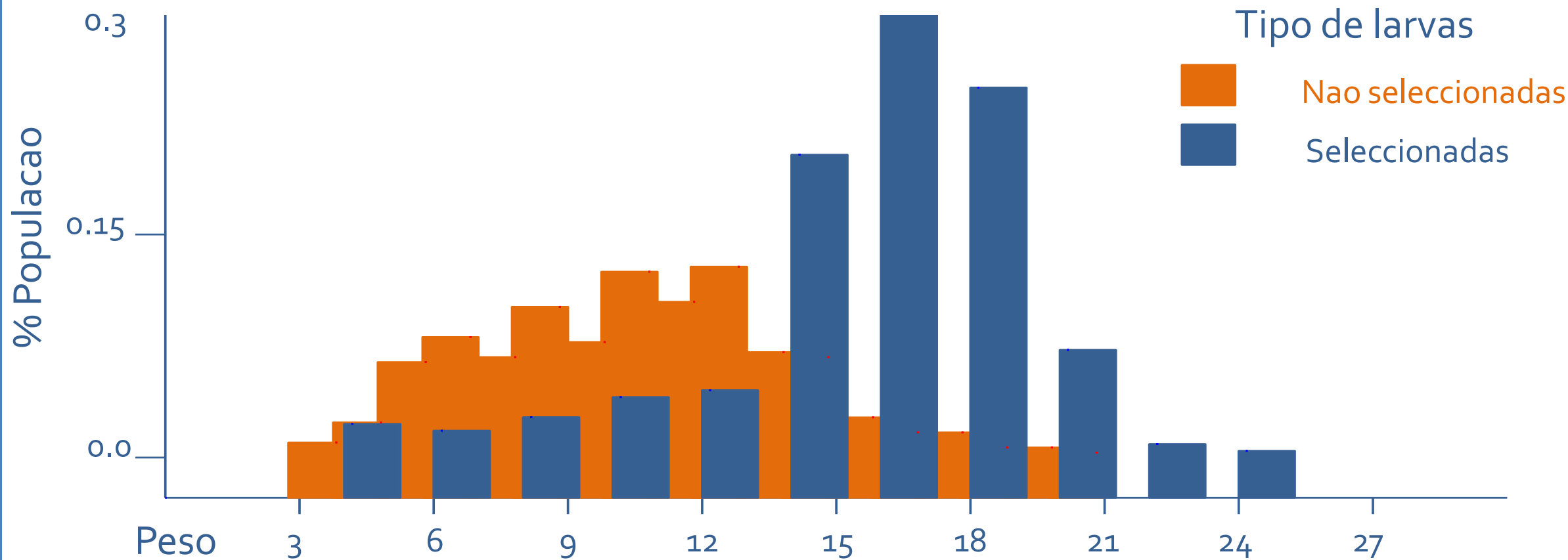
Necesidades Basicas Para Produzir Post Larvas

1. NAUPLIOS 
2. AGUA
3. ALGAS
4. INSTALAÇÕES E INSUMOS

Dispersao Natural

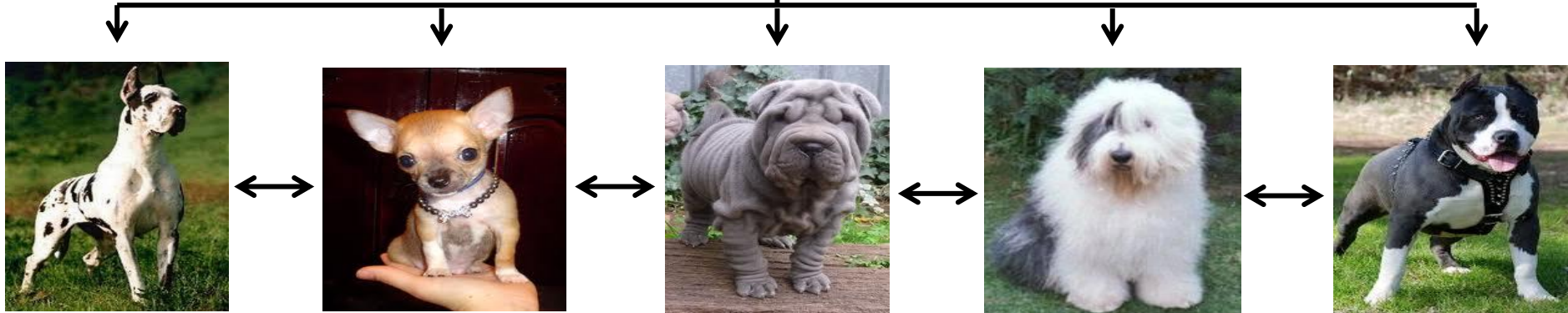
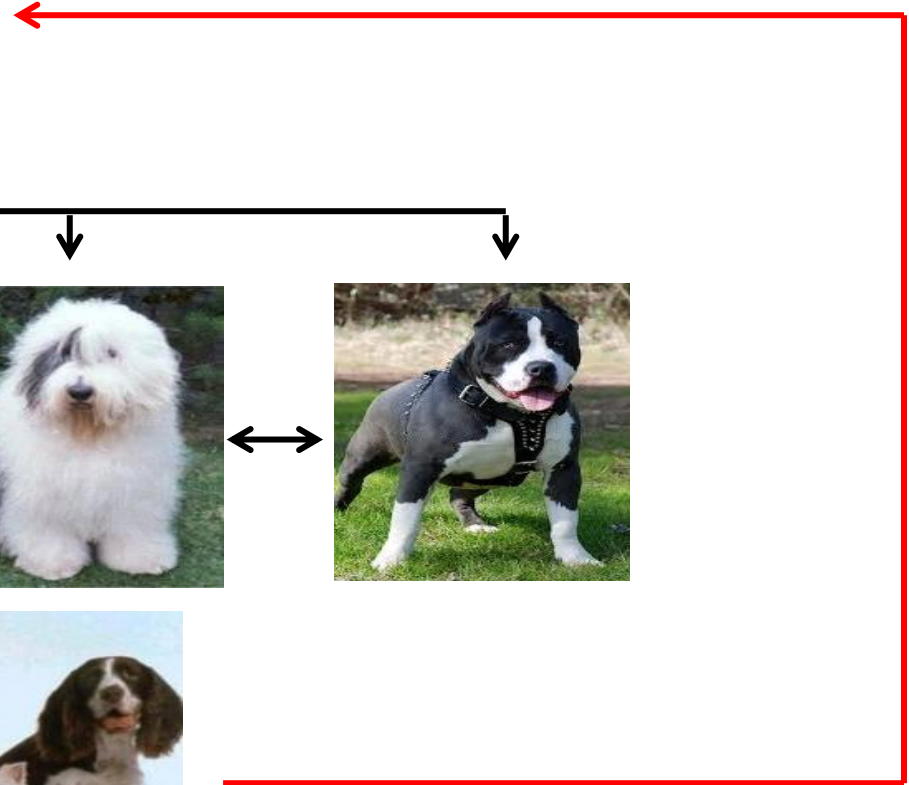


Juvenis Seleccionados



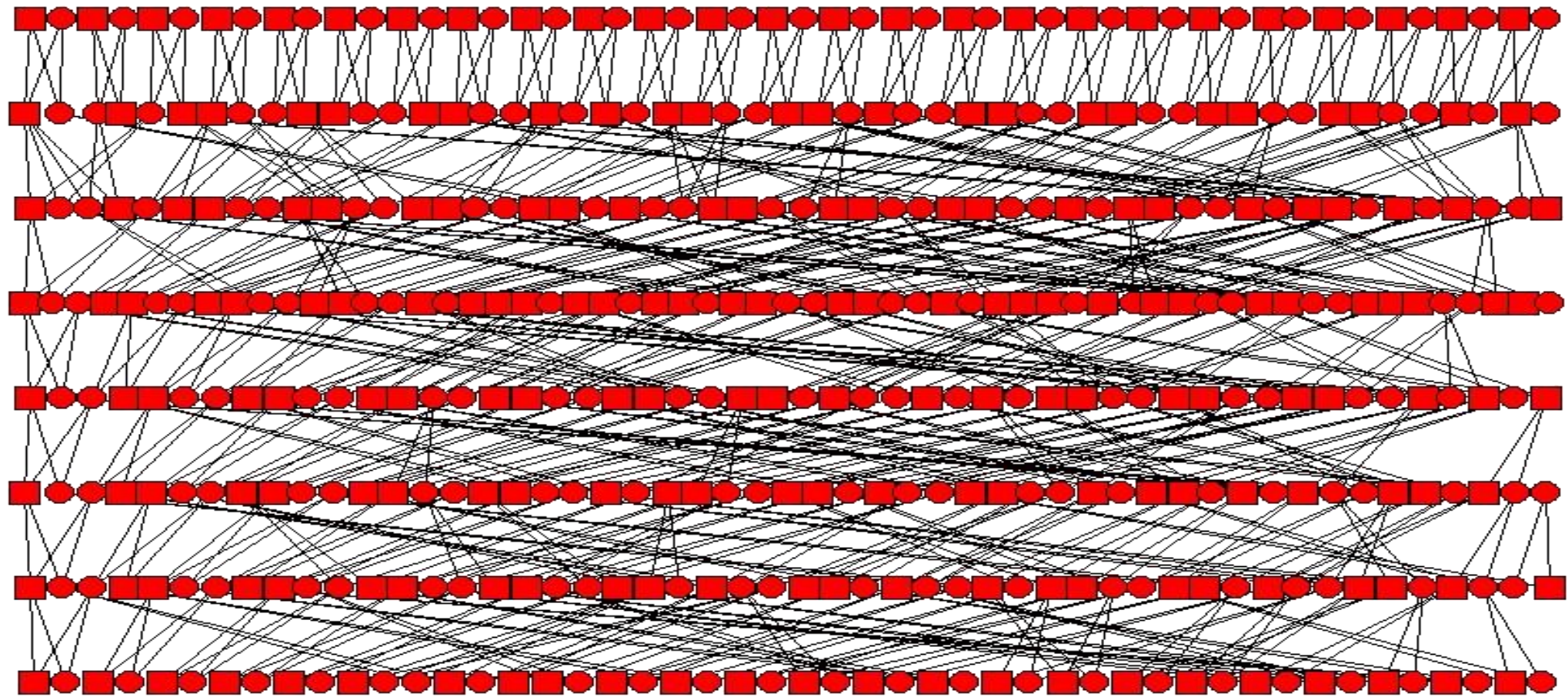
Dias de cultivo		33	Peso final		11	15.3
Densidade de estocagem		0.54	Crescimento semanal		2.33	3.26
			FCA		0.41	0.39

Diversidade

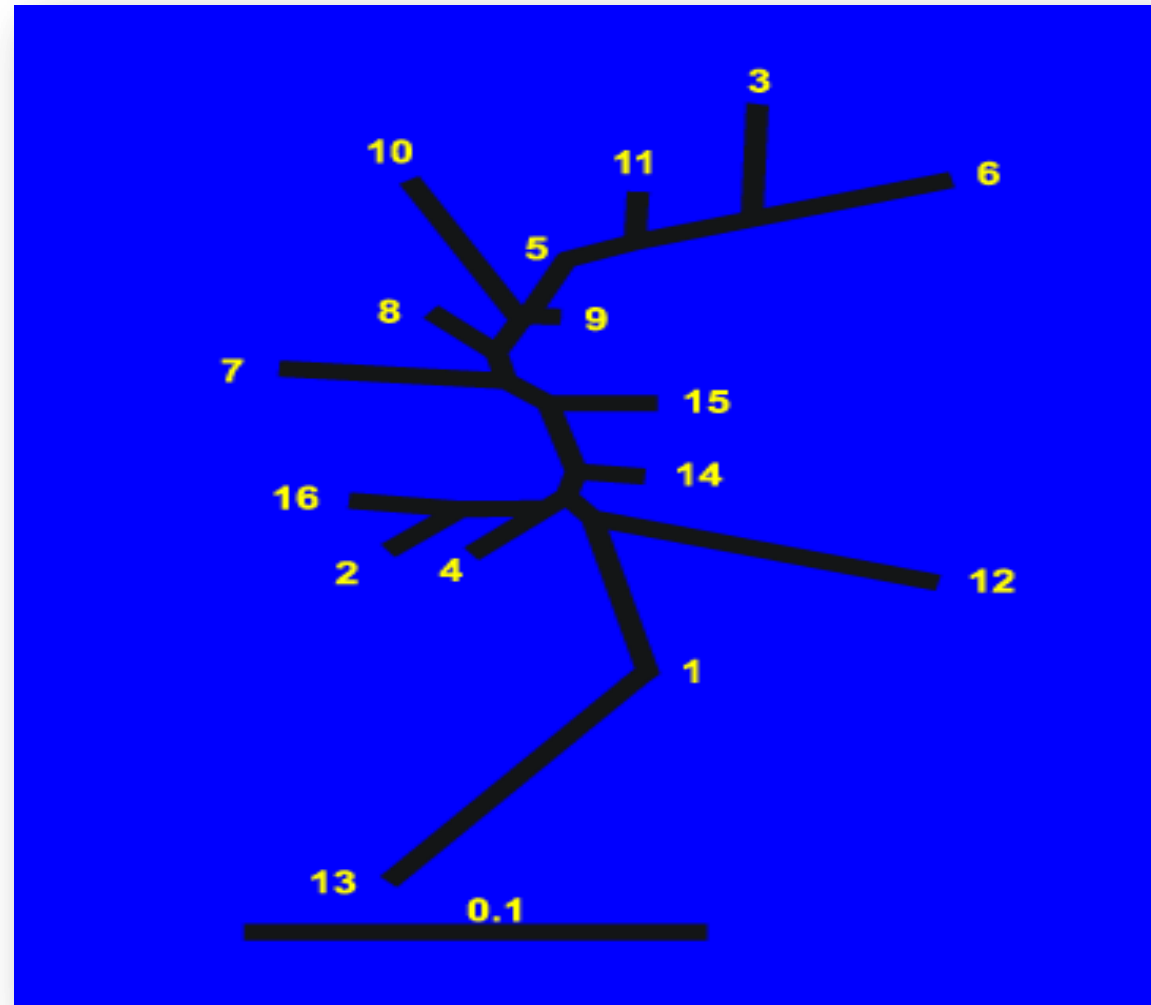


	518	520	601	602	603	604	605	606	607
518	0.51563	0.01563	0.07471	0.04492	0.0473633	0.166504	0.0522461	0.0390625	0.0126953
520	0.01563	0.50195	0.01855	0.04199	0.0395508	0.0180664	0.0478516	0.0454102	0.034668
601	0.07471	0.01855	0.50586	0.05127	0.132324	0.0761719	0.0625	0.131348	0.0078125
602	0.04492	0.04199	0.05127	0.51465	0.0756836	0.139648	0.153809	0.0449219	0.0053711
603	0.04736	0.03955	0.13232	0.07568	0.507813	0.046875	0.059082	0.131348	0.0039063
604	0.1665	0.01807	0.07617	0.13965	0.046875	0.503906	0.0493164	0.0400391	0.012207
605	0.05225	0.04785	0.0625	0.15381	0.059082	0.0493164	0.538086	0.0786133	0.0073242
606	0.03906	0.04541	0.13135	0.04492	0.131348	0.0400391	0.0786133	0.500977	0.0087891
607	0.0127	0.03467	0.00781	0.00537	0.0039063	0.012207	0.0073242	0.0087891	0.514648
608	0.0127	0.0542	0.00732	0.00391	0.003418	0.0112305	0.0073242	0.0058594	0.0932617
609	0.0127	0.03711	0.0083	0.00928	0.0039063	0.0112305	0.0078125	0.0092773	0.0654297
610	0.01318	0.05859	0.00732	0.00879	0.0019531	0.0131836	0.0078125	0.0073242	0.0761719
611	0.01123	0.02393	0.00439	0.00732	0.0053711	0.0083008	0.0073242	0.0039063	0.0498047
612	0.00732	0.02295	0.00537	0.00635	0.0039063	0.0058594	0.0083008	0.0063477	0.0766602
613	0.01123	0.02441	0.00684	0.0083	0.0068359	0.0078125	0.0117188	0.0068359	0.0537109
614	0.04102	0.01416	0.04492	0.01953	0.0166016	0.0366211	0.143555	0.0371094	0.0043945

Pedigree



Distancia Genetica



ASICo

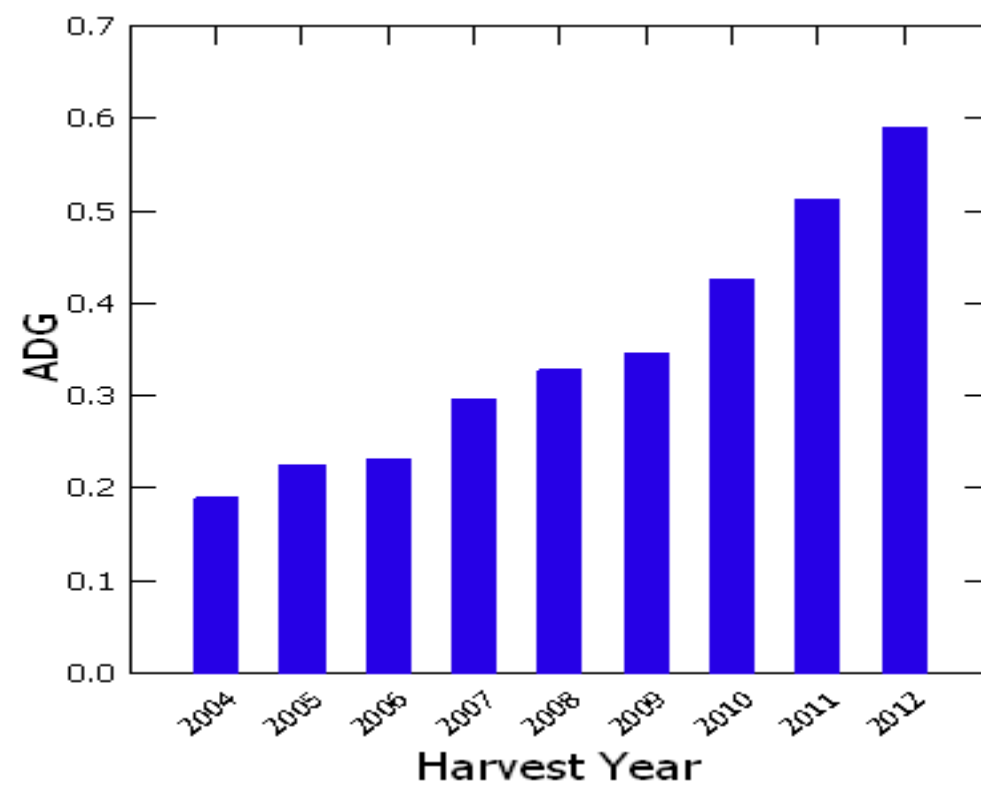
Instalaciones

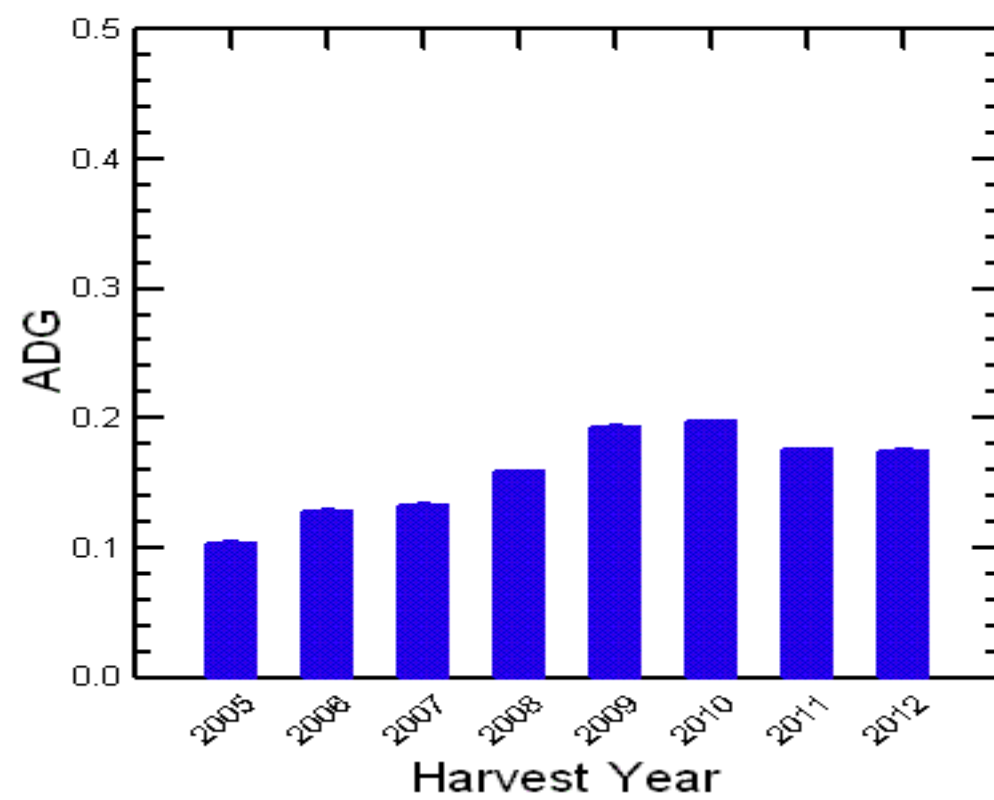
FinCas

Laboratorios









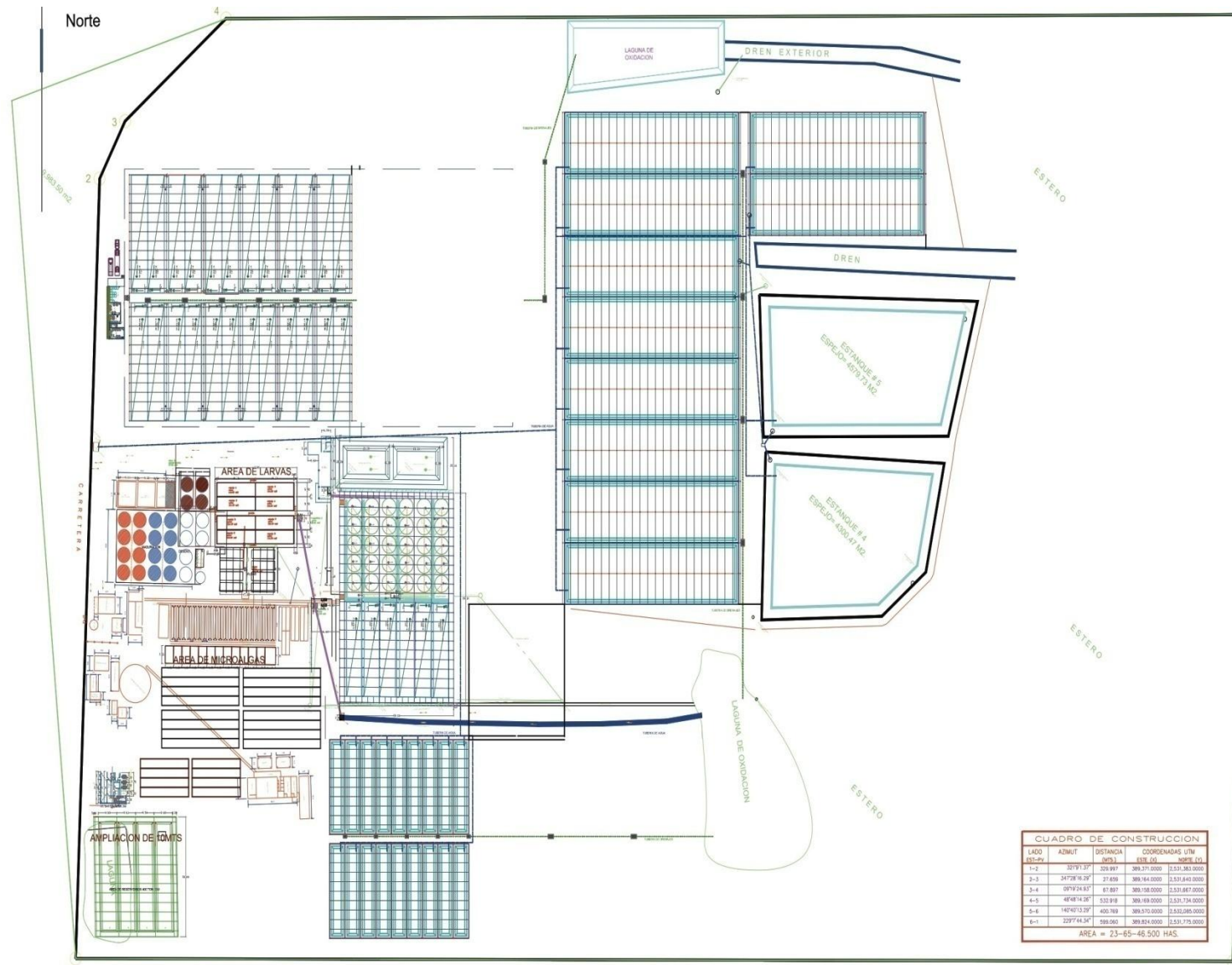
Reproductores Crescidos en Floculos

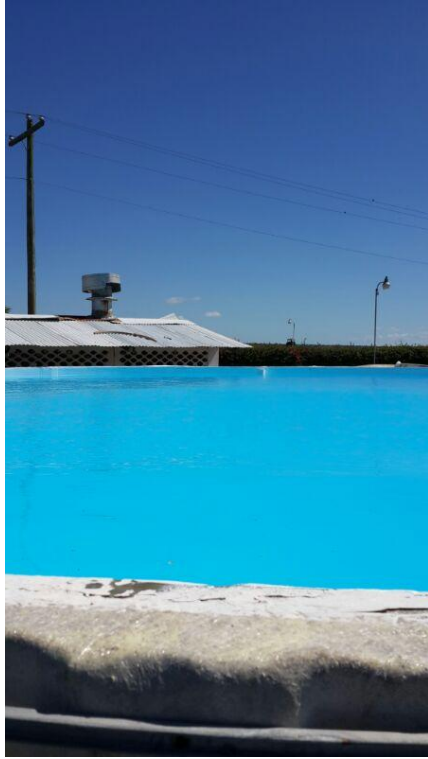




Necesidades Basicas Para Produzir Post Larvas

1. NAUPLIOS
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4. INSTALAÇÕES E INSUMOS







Tubulação de Distribuição de Água

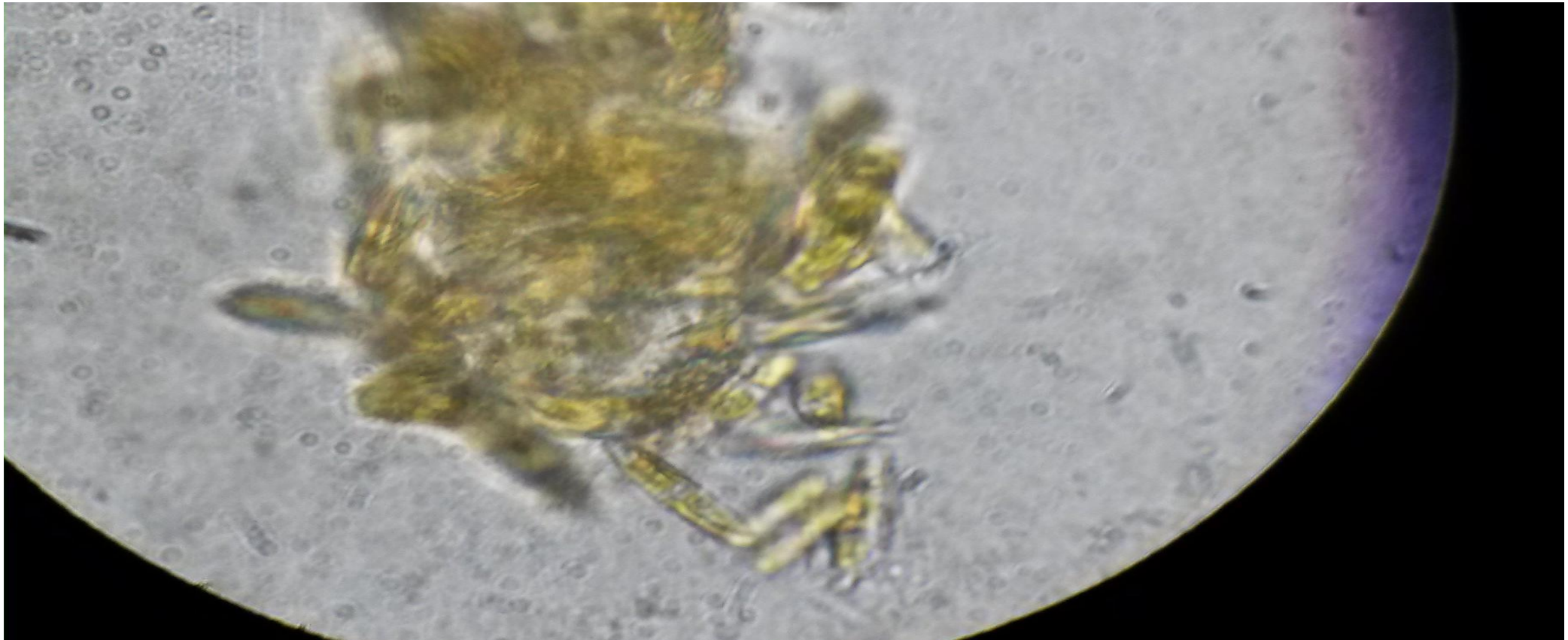


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Algas Epifitas





Larvas Produzidas com Floculos Con Algas Epifitas



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Sala de Larvicultura Fase I, com Vários Tanques



Larvicultura Fase I, Transformada en 2 Tanques



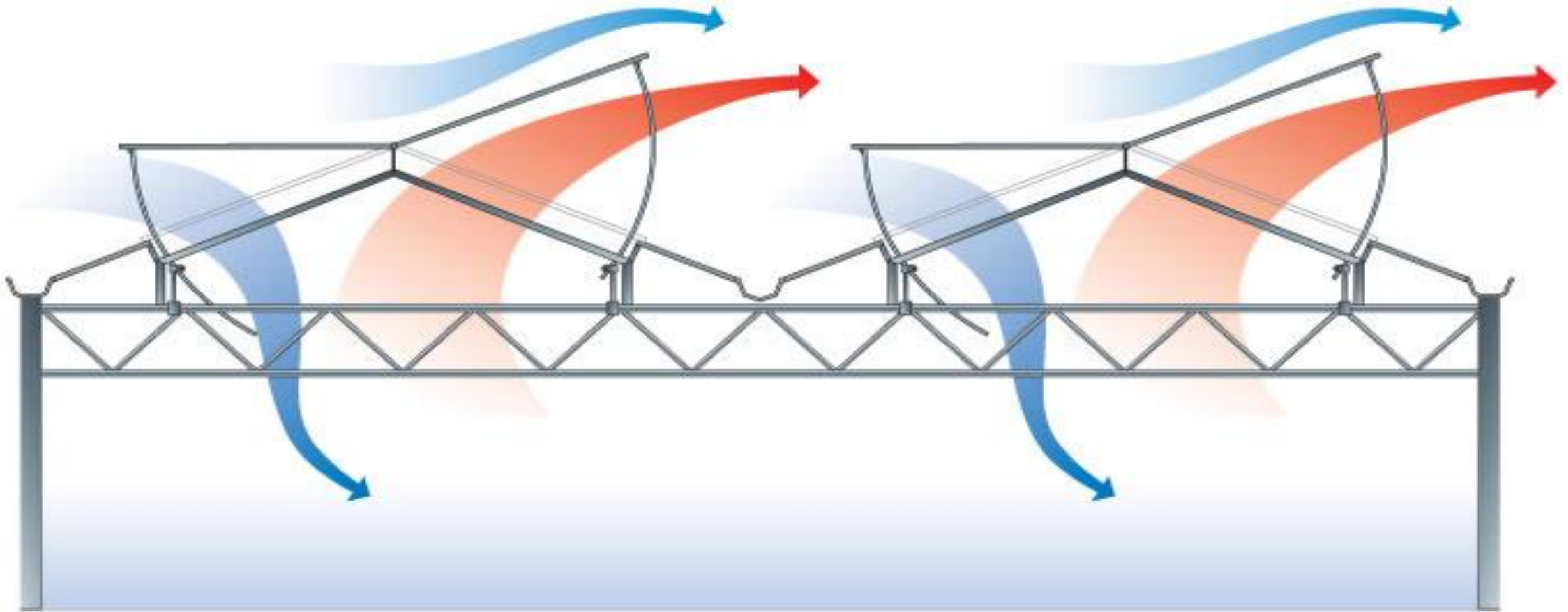
Estufas con Ventanas Senitais, para Tanques Individuais de 500 Toneladas







Estrutura de Estufa para controlar temperatura



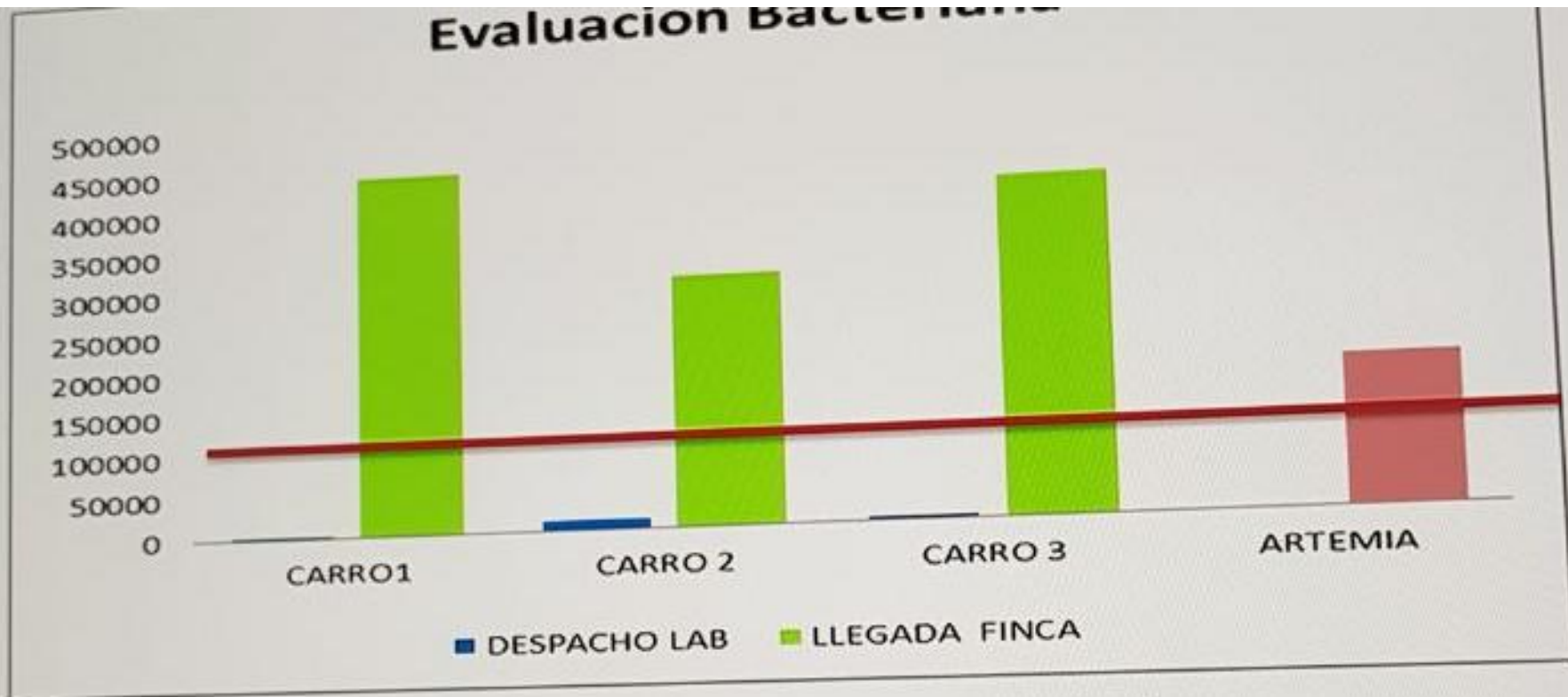
Como Resolver Problemas

1. CAPACIDADE DE REAÇÃO
2. CAPACIDADE INSTALADA
3. BIOENSAIOS EM TANQUES PEQUENOS (100-500 Litros)

Estrategias Para Enfrentar e Resolver Problemas de Doenças

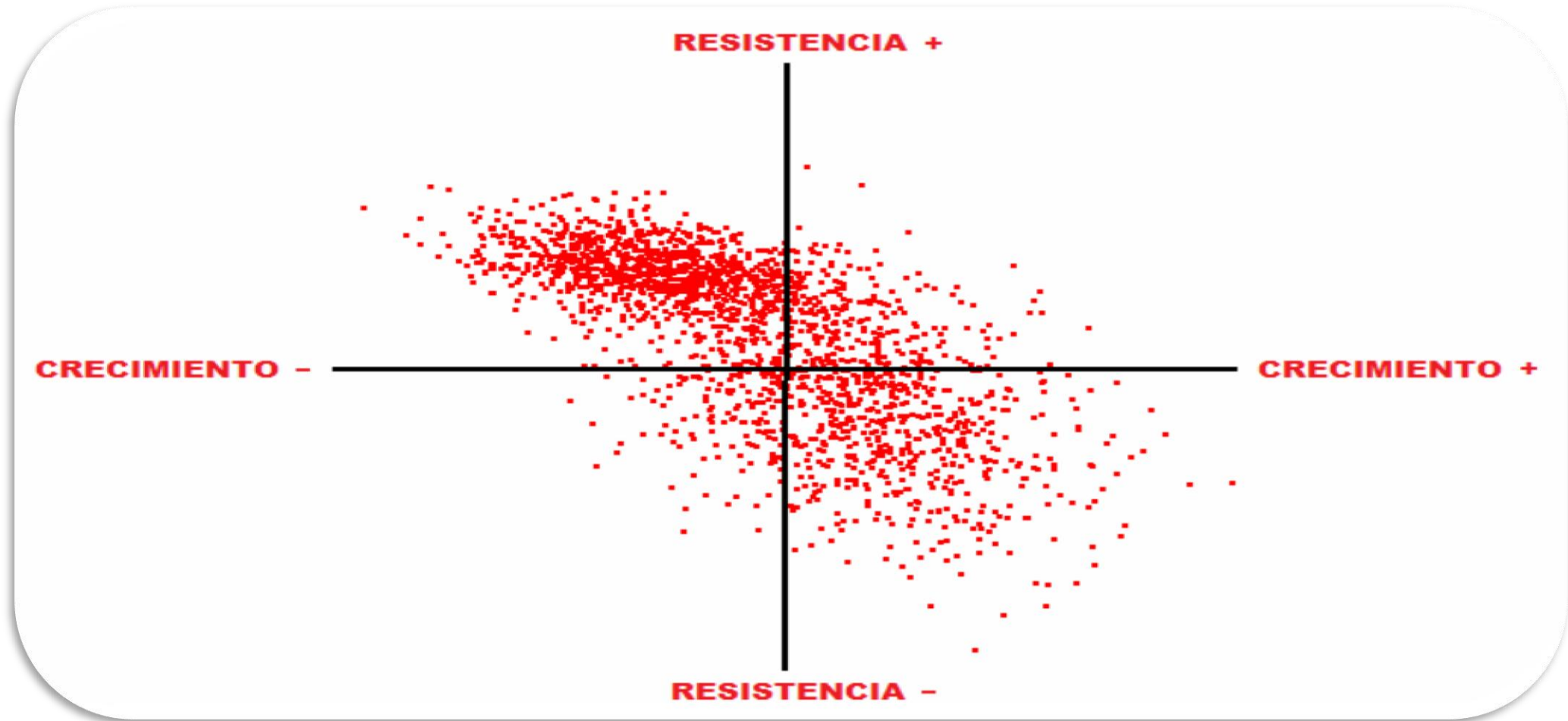
- Bioseguridad (Exclusao do patogeno)
- Genetica de Crecimento y Resistencia
- Tratamentos
- Melhorar Condicoes
 - Baixar Densidades
 - Melhorar alimentacao (Alimentadores Automatico)
 - Probioticos, etc,etc..

Contagem Bacteriana, Antes do Embarque e Nove Horas Depois

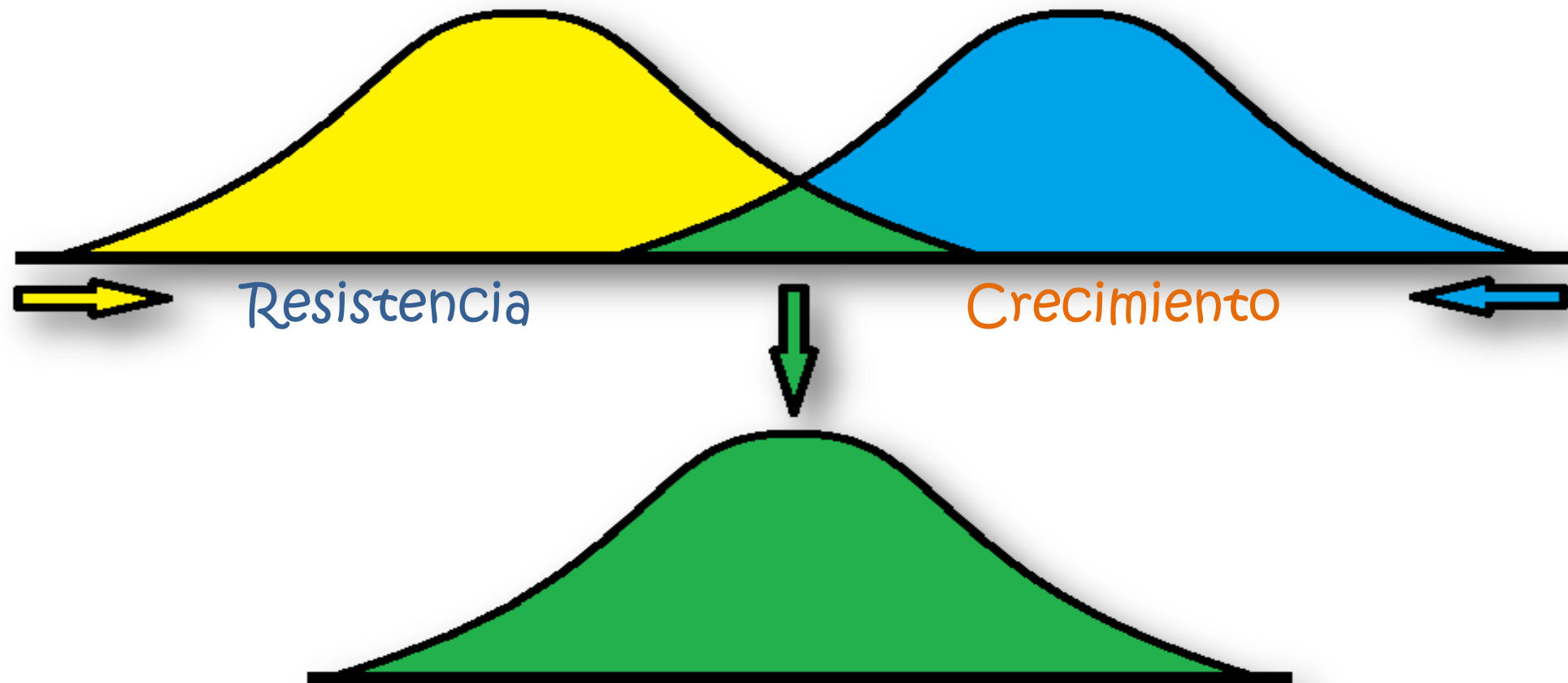


Toma de muestra laboratorio Emibla S. A.
Fecha Octubre 31 /Hora del muestreo 01:00 am

Dispersao Natural



Selección Genotípica



Obrigado