

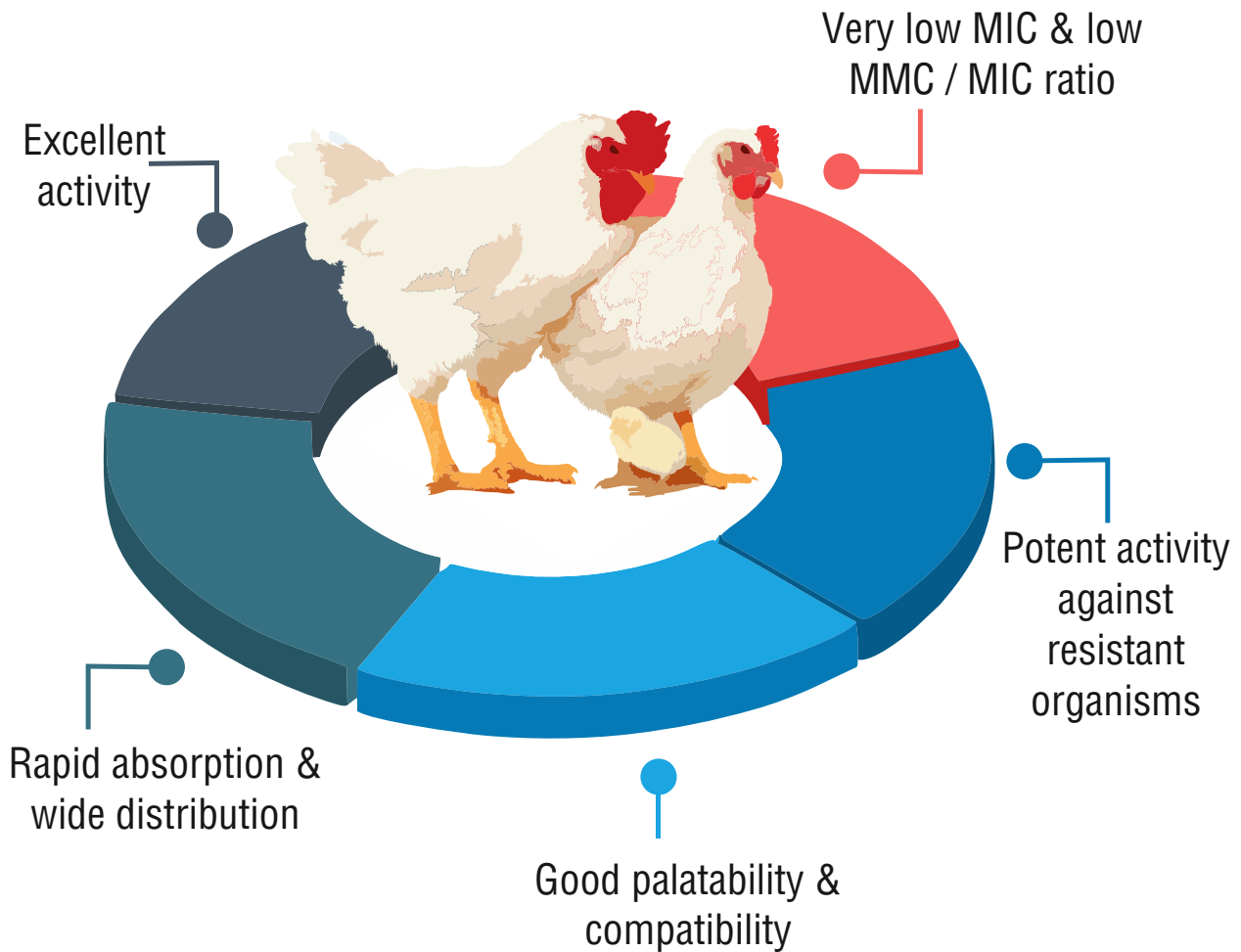
PROPULSE



Provet Pharma Private Limited
Serving Mankind Through Animal Welfare



TYLVATEC[®] SOLUBLE



For Effective Prevention and Treatment of Respiratory & Enteric Diseases and for Improved Performance & Productivity

“Best in Class” Antimycoplasmal





Provet Annual Conference 2023

Provet Pharma Private Limited, Chennai conducted its Annual Business Meet at Fairfield by Marriott, Visakhapatnam, Andhra Pradesh between 6th and 8th April 2023.

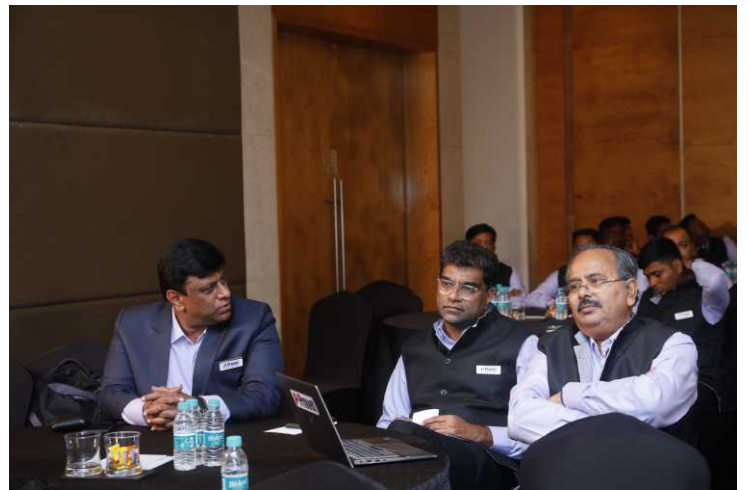
The event was glorified by the enthusiastic participation of the entire Provet team.

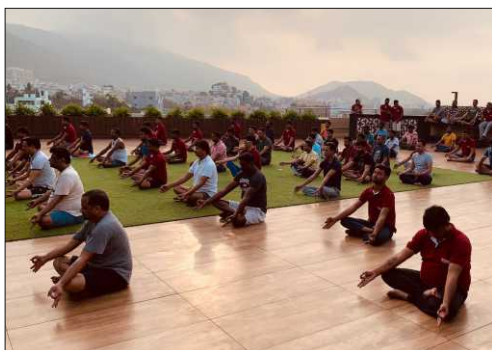
Learnings from the year gone by with the glittering Provet Got Talent Show and Award Function for the blazing performers were the mainstay of Day 1. The night was topped by a glittering show which saw our Provet's talent take center stage with their unique talents and skills.

Day 2 saw the unveiling of the Theme for the Year **"PROSHINE 2024"** with the objective to make "Provet Shine Through Innovation and Excellence in Operations and Customer Service". This was followed by presentations on various topics by senior managers and Team Games from inhouse talents. The day culminated with a visit to the scenic Yarada beach, where games like Kho-kho and Tug of war were played with much enthusiasm.

SBU wise plans and brand wise strategies for FY2024 were discussed in detail on Day 3 of the event.

The team members left Vizag for their respective destinations in the evening with fond memories to cherish forever and with a commitment to make the FY2024 bright and prosperous.





BIOSECURITY IN SHRIMP FARMING – AN OVERVIEW

Dr. Vijay Sundar Deva G

Area Technical Manager
Provet Pharma Private Limited
Chennai, India

Introduction

Global production of shrimp is falling down, due to potential economic losses from disease outbreaks and market crisis and is going to affect the survival of aquaculture industry. To avoid the fall of shrimp industry by implementing biosecurity measures in shrimp farming by two-pronged approach: excluding pathogens and eliminating pathogens. To make a biosecurity program a functional concept in shrimp aquaculture, the relevant risks should be identified and the appropriate biosecurity measures put into practice to mitigate those risks.



Depicting biosecurity at the shrimp farm



Healthy catch after biosecurity measures at the farm

What is Biosecurity?

Biosecurity can be defined as “An essential group of tools for the prevention, control and eradication of infectious diseases and the preservation of human, animal and environmental health”.

Thus, biosecurity in aquaculture is the protection of fish and shellfish from infections (viral, bacterial, fungal or parasitic agents). Therefore, biosecurity in aquaculture refers to the measures and methods adopted to secure a disease-free environment in all phases of aquaculture practices like hatcheries, nurseries, grow out farms) for improved profitability. Good biosecurity measures are vital for maintaining healthy animals, for reducing the risk of acquiring diseases in aquaculture facilities and for harvesting high quality as well as good yield.

Goal of biosecurity measures in aquaculture

- Reducing the risk of disease transmission
- Minimizing the spread of the disease in the same farm or from one farm to another.
- Promoting aquatic animal health.
- Preventing new diseases in ponds
- Protecting human health (zoonoses, food safety)

Principles of Biosecurity

The principles of biosecurity measures apply to all systems whether they are farm or hatcheries. Good biosecurity measures reduce the exposure to disease causing organisms with external barriers, preventing the spread of disease-causing organisms onto and off an aquaculture farm or hatchery and internal barriers which prevents the spread of disease-causing organisms within an aquaculture farm or hatchery.

Farm biosecurity procedure

- **Stock health management:** Stock health should be maintained by keeping stock stress to minimum level and maintaining optimum water quality.
- **Maintaining health during stock movement and transport:** Minimize the pest and disease risk associated with stock movements onto, within and off your farm by maintaining appropriate quarantine procedure during stock movement.

- **Water treatment:** Minimize the risks of pests and disease entry associated with incoming water should be minimized through maintaining proper treatment
- **Equipment, vehicle and vessel:** Preventing the entry and spread of pest and disease by assessing all equipment's, vessels and vehicles entering the farm through proper biosecurity procedure like disinfection of equipment's, controlled use etc.
- **People management:** Record should be kept of the workers and visitors and all the workers should be trained with biosecurity standards. Use of foot dips and controlling the movement and access of people in the farm are crucial.
- **Feed and feeding:** Food-borne disease organisms can be minimized by proper handling and storage.
- **Preventing scavengers and predators:** Control or eradicate predators, wildlife, scavengers and other organisms from farm area through proper fencing. For fencing nylon string and other reflection ribbons can be used for bird & crab fencing.
- **Waste management:** wastewater and solid waste should be treated appropriately before disposal.
- **Record keeping:** Maintain record for all aspect of biosecurity plan (staff training, workers and visitor's log, inspection and maintenance of farm infrastructure).
- **Monitoring and surveillance:** Regular monitoring and surveillance practice should implement throughout the farm.
- **Auditing:** Audit should be conducted of on farm biosecurity plans and their implementation on regular intervals.



Bird Fencing



Crab Fencing

Conclusion

Sometimes farmers consider the biosecurity measures as unnecessary financial burden without realizing its potential positive impacts. Mostly small and marginal farmers in the developing countries do not follow any biosecurity measures in their farm. Lack of scientific knowledge and support is the major constrain while unavailability of standard protocol, legal framework and their implementation are the key challenges to be addressed. Proper biosecurity measures can significantly influence the financial gain from the aquaculture industry besides limiting the threats of disease outbreak and zoonosis.

Profect Aquatic is a disinfectant with triple salt (49.8%) and sodium chloride (1.5%) as active ingredients. Profect Aquatic is a broad spectrum sanitizer against wide range of aquatic pathogen. Profect Aquatic does not affect water quality, dissolved oxygen levels and does not destroy the shrimp's food source and phytoplankton. There are also no residual effects of Profect Aquatic which are of concern in shrimp, prawn & fish farming.

Did you Know ?

Dead skin cells are a main ingredient in household dust

Our body constantly sheds dead skin cells; almost 500 million a day. The top layer of your skin you are looking at now will be dust in a month's time.



Did you know there is a toilet museum?

In New Delhi, the Sulabh International Museum Of Toilets features a rare collection that details the historic evolution of toilets from 2500 BC all the way up to the present day.



GLIMPSSES

of the world



Third massive whale dies in Bali

The third whale to beach itself on the Indonesian island in less than a week was a 17-meter-long sperm whale that perished after washing up on a Bali beach. On Saturday afternoon, the male sperm whale was discovered stranded on Yeh Leh beach in the Jembrana region of west Bali. Police had cordoned off the location to prevent people from stealing the mammal's meat or body parts.

Concerns about the vast marine garbage issue plaguing the Southeast Asian archipelago were raised in 2018 when a dead sperm whale in Indonesia was discovered to have more than 100 plastic cups and 25 plastic bags inside of its stomach.

Indonesia is the world's second-biggest contributor to marine debris after China.

These enormous aquatic animals are crucial to maintaining the equilibrium of the aquatic ecology. We must save these species and prevent their extinction. It's high time that we investigate such issues through a magnifying lens.

PEARL- world's smallest dog

She is as small as your TV remote and can fit in your pocket. Earlier this month, the Guinness Book of World Records declared a two-year-old chihuahua named Pearl the world's smallest dog. She was born on September 1, 2020; she measures 9.14 cm (3.59 in) in height and 12.7 cm (5.0 in) in length. This means she is shorter than a popsicle and almost the same length as a dollar note. She weighs just 553 g (1.22 lb).



It is interesting to note that Pearl is the relative of "Miracle" Milly, the identical sister of Pearl's mother, a chihuahua who previously held the world record for being the world's smallest dog. Like Milly, Pearl was just 28 grams at birth.

Pearl's owner, Vanesa Semler, recently introduced Pearl on the Lo Show Dei Record, an Italian TV show. She says, "We're blessed to have her and to have this unique opportunity to break our own record and share with the world this amazing news."

The Inquisitive History of the Cherry Blossoms

The blooms of the cherry tree, which have pink or white petals and a mild red colour, are known as cherry blossoms. They only briefly blossom in the spring and stand for rebirth, love, and the transient aspect of life. They are the national flower and a staple of Japanese culture and are honoured during celebrations and festivals. They stand for femininity, power, strength, and love in China.

We often think of Japan when someone says cherry blossom. As the spring season is on these days, the city is witnessing its version of cherry blossom with *Tabebuia Rosea* trees blooming and spreading its pink wisdom all over not only in Japan but in India too. The cherry blossom season, or *Sakura* as it is known in Japan.

Japan's history shows these buds are more than just pretty flowers.

For centuries people in Japan have celebrated gathering under cherry trees when they're fully flowered. Because the buds tend to bloom all at once and wither quickly, they became a symbol of "something that's evanescent and fleeting" something that, echoing Buddhist principle, must be enjoyed before it's too late, says Bruce L. Batten, a historian of Japan.

That idea made cherry blossoms appealing as military symbols; personnel were told it was an honour to "die like beautiful falling cherry petals" during the era of imperial expansion in Japan, which stretched from the 19th century through World War II.

Many cherry trees were planted during that period, and their image on army and navy insignias helped cement the association between Japan and the cherry blossom. At the same time, cherry trees were planted to console the souls of soldiers. Eventually they became a symbol of peace, not war.

Cherry Blossoms in India

You may see the pink heaven season this time in India, which has already begun. These are some places where you can observe and take pleasure in India's cherry blossom season in the coming winter or the next spring.

Celebration of the autumn flowering of Himalayan cherry blossoms has begun in Meghalaya's Shillong. Shillong even celebrates the fully-bloom cherry blossoms called as the "International Cherry Blossom Festival" where you may take in regional cuisine and traditional arts while relaxing under the enchanted blossoms.



The cherry blossoms in India can be found all over the country's vast geographical area. Here are the 7 places in India that witnessed this year's cherry blossom season.

- » Khangchendzonga National Park, Sikkim
- » Shillong, Meghalaya
- » Kohima, Nagaland
- » Shimla, Himachal Pradesh
- » Bangalore, Karnataka
- » Mumbai, Maharashtra
- » Gulmarg Valley, Jammu and Kashmir



ISSAR - Infertility Camp

The Indian Society for Study of Animal Reproduction (ISSAR), which is dedicated to improving livestock health and production in the country, organised an infertility camp at Dhakchara Village, G.P. Sijakampur, under BAHC, Bolagarh Dt. Hooghly, West Bengal, on April 7, 2023, for the benefit of the farmers.

Provet, along with the other companies, extended its support during this occasion by distributing various health care and nutritional products which immensely benefitted the farmers who attended the camp.



Assam's Bihu performers create Guinness World Record



Bihu, the traditional festival of Assam, India, has set a new Guinness World Record by gathering 11,304 dancers and drummers to perform the folk-dance form of Bihu. Bihu dance was performed in front of Assam CM Himanta Biswa Sarma.

All the performers, including drummers and dancers, participated at the Sarusajai Stadium in Guwahati in the state government's bid to register its world record in the Guinness Book of World Records. During the event, the performers included singers as well as those playing the state's traditional instruments, such as the taal, dhol, gogona, pepa, toka, and xutuli.

To make this event a huge hit, practise sessions were held across the state to bring in the best performers, with the aim of putting Assam's cultural heritage on the world map. All the participants, including the master trainers and dancers, will receive a grant of INR 25,000 for participating in the historic event.

The goal, according to Chief Minister Himanta Biswa Sarma, is to organise the largest Bihu dance performance at a single venue and make it to the Guinness Book of World Records in the folk-dance category.



Hats off to the organizers and the performers, who made the state and the nation proud

Fiscal New Year

The previous year was quite unpredictable. It was a tumultuous voyage filled with fresh starts, new initiatives, setbacks, diversions, and workplace pals becoming adversaries. The new year is the finest time to start new endeavours, thus it has a significant influence on new ambitions, goals, and successes.



A toast to the last year is in order! We learned many things from it, both hard and soft, but most importantly, we remained a close-knit group. Here's to the ones we achieved, and for the ones we didn't, the new year offers the opportunity to do so.

The Digestive Power of An After-dinner Walk

A post-dinner walk stimulates the stomach and intestines, causing food to pass through them more quickly and giving your digestion a head start before you hit the hay.



Walking after a meal can also diminish gas, heartburn, and bloating. Fortunately, our body has another powerful way to clear glucose from our blood that doesn't rely on insulin: movement.

Muscle is the primary tissue in our body, and it also happens to be one of the main consumers of glucose. By getting your muscles to soak up glucose in the absence of insulin, an after-dinner walk blunts your blood sugar's rise and allows it to come down quicker.

The faster and longer you walk, the more of movement's post-meal glucose-sucking benefit you'll get. But while a 10-minute walk is a good minimum to aim for, taking even a 2- to 5-minute walk after eating significantly moderates blood sugar.

The power of your voice is immeasurably important

Some folks just exude an aura. When they enter a room, everyone immediately recognises them as the leader. If only you could save the essence in a container for personal use...



Your worth, intelligence, or physical prowess are not measured by your executive presence. Your ability to effectively transmit your creativity, smart ideas, and in-depth knowledge is measured by your executive presence. You're good at your job; you just need help convincing others that you're someone they should listen to and respect.

So, where credibility is about making people believe that you are competent, ease allows you to do that same thing without losing sight of who you are. It's about being at ease with yourself. It's about being authentic.



A Travel Through Indian lanes

Arunachal Pradesh Minister Transmits A Message About The Conservation Of Wildlife

Arunachal Pradesh's Forest, Environment, and Sports Minister Mama Natung went on a stroll with a Royal Bengal tiger to spread the word about the value of protecting wildlife. The minister's hazardous move was an earnest effort to persuade people to conserve tigers from extinction.



The Namdapha Tiger Reserve, located in Arunachal Pradesh, was designated as the nation's 15th Tiger Project in 1983. The Reserve is crucial for tiger conservation since it has a core area of 1808 square kilometres and a buffer area of 177 square kilometres.

Organs Of Brain-dead Man To Save The Lives Of Six

A Jamnagar man whose family donated his organs saved the lives of six others after the Rajkot Hospital declared him brain dead. Suddenly collapsing on Monday after vomiting, the 42 year old Deepak Trivedi, who worked for a private firm, was rushed to Jamnagar's GG Hospital, where doctors discovered a brain haemorrhage.

The medical staff at Synergy Hospital persuaded the relatives by stressing the value of organ donation.

His heart, liver, kidneys, and eyes were later agreed to be donated by his family. The organs then were transported by road with a green corridor built by the police,-



and the heart was flown to Ahmedabad on a specially chartered flight.

Mumbai's Museum On The Wheels

We have heard of meals on the wheels, but the fact that "Museum is on the wheels" sounds interesting. If you cannot come to the Museum, the Museum will come to you.



Today, the rich history and culture of ancient India can only be discovered in books or in a few places that have been designated as heritage sites, such as forts, temples, and caves. The tragic by-product of today's fast-paced lifestyle is that there isn't enough time to comprehend and get to know about our rich culture, our religions and beliefs, daily routines, etc. The moving Museum On Wheels (MOW) will now be at our door to assist in bringing attention to, educating about, promoting, and supporting schools, universities, NGO's, municipal departments, remote communities, and many other establishments relevant to such activities.



The inside of this specially modified bus is always changing and does not have a set display since it features a broad variety of items relating to both old Indian culture and education. Absolutely no admission fees are required to receive this lovely, moving museum bus at our location. So, if you want Museum on Wheels to visit your school, institution, organisation, etc. in Mumbai or a hamlet in Maharashtra state, you must make reservations at least a month or two in advance.

For greater awareness, we would recommend this programme to be implemented in all of India's main cities.



PARIS OLYMPICS 2024

Marathon race walk mixed relay to debut as new event

World Athletics just stated that the marathon race walk mixed relay would make its Olympic debut at Paris 2024; the qualification process will be revealed soon.

The new event will replace the men's 50-kilometer race walk, which was originally held at the Los Angeles Games in 1932 and will be one of several new competitions at the Games, along with skateboarding, sport climbing, surfing, and breakdancing.

On the same circuit as the individual 20 km race walking events a one-kilometer circle at the foot of the Eiffel Tower in downtown Paris 25 teams of one male and one female will compete to complete the standard marathon distance of 42.195 km.

"This format is designed to be innovative, dynamic, and unpredictable, and it will ensure full gender equality across the Olympic track and field programme for the first time," said World Athletics CEO Jon Ridgeon.



The adjustment makes the 48-event athletic programme perfectly gender-balanced at Paris 2024, consisting of 23 events for both men and women and now two mixed events: the 4x400m and marathon race walk.





Excellence through Innovation

KALSEZ™

An Optimized Blend for Domestic Animals

Ideal Combination of Macro Minerals and Vitamins

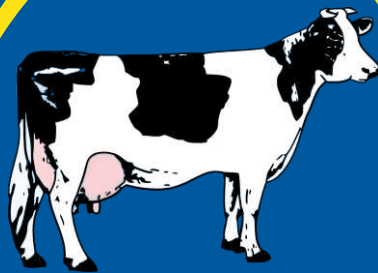
Helps in Increase of Milk Yield

Useful After De-worming

Helps in Formation of Strong Bones

Complete Solution for Pregnant Animals

Better Health Better Milk Production



BENEFITS

- Optimizes milk production
- Corrects irregularities in the lactation cycle
- Tones up the reproductive system
- Minimizes incidence of negative energy balance (NEB)
- Optimizes metabolism resulting in less chances of milk fever



Maximize your ROI... Quality you can QUANTIFY



www.provet.in

Facebook: provetppl | Twitter: provetppl | LinkedIn: provetppl

