



DYNAFERT™

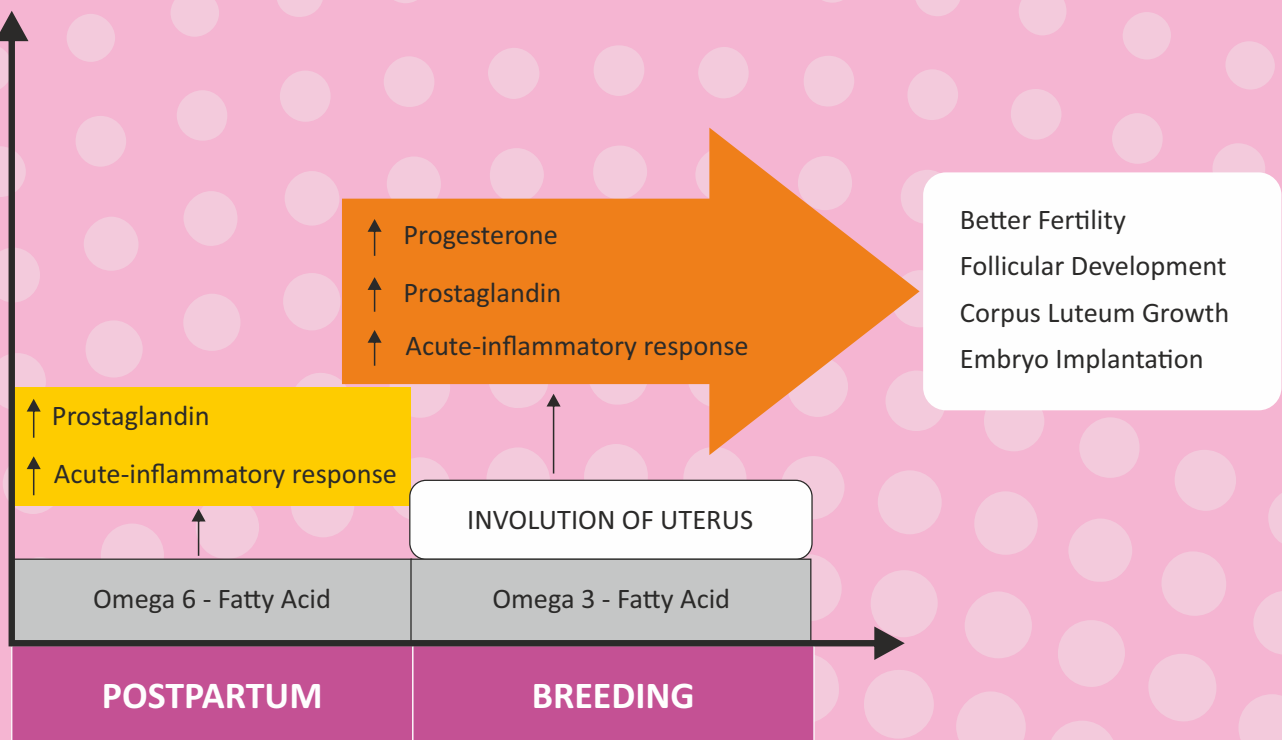


Potent Reproductive Tonic & Fertility Enhancer

Fatty acids are crucial in all aspects of nutrition and not all fats are created equal. Fatty acids (FA) are involved in several biological systems and processes, including the immune system, blood coagulation and vascular resistance, enzyme activities, cell proliferation and differentiation, and receptor expression. They are the main components of cell membranes and their composition influences cell function. Cell membranes are made up of fatty acids and proper function of the cell is dependent upon the profile of the fatty acids. The body has the ability to build certain fatty acids from scratch but others called essential fatty acids need to be supplemented in the body.

Two main fatty acid groups that are essential and need to be supplemented in the diet are the Omega-3 and Omega-6 families. Omega-3 and Omega-6 fatty acids aid in reproduction by aiding in fertility and cycling of cattle. Omega-6 fats are pro-inflammatory, whereas, Omega-3 fats are anti-inflammatory.

Omega 3 fatty acids influences steroidogenesis (i.e. progesterone) and alter the production and release of prostaglandin F₂α (PGF₂α) which causes regression of the corpus luteum (CL), improving conception and reducing embryo loss and detachment.



Dynafert™ is a reproductive health tonic with beneficial effects of omega -3 fatty acids along with omega -6 fatty acids, Vitamins & Minerals. It helps to enhance the immune competency, uterine involution in the postpartum period with consequent beneficial effects on fertility in high producing dairy cows.

Dynafert™ - Composition & Features:

Omega - 3 fatty acid	Promotes pregnancy by increasing follicle size which lead to more production of progesterone
Omega - 6 fatty acid	Stimulate the secretion of PGF2 α which favors during early postpartum uterine involution and improves reproductive efficiency
Vitamin A	Maintains healthy tissue in the reproductive tract
Vitamin E	Act as an antioxidant & reduces the incidence of mastitis, cystic ovaries and retained placenta
Copper	Essential for the absorption & transport of iron necessary for hemoglobin synthesis
Zinc	Increases plasma β -carotene level which is correlated to improvement in the conception rates and embryonic development
Manganese	Shortens the postpartum anoestrus and increasing conception rates in dairy cows
Potassium	Maintains acid-base balance and help metabolize carbohydrates and proteins
Iron	Required for the synthesis of hemoglobin and myoglobin
Selenium	Protects both intra and extracellular lipid membranes against oxidative damage

Benefits of Dynafert™:

- Helps to build a healthy reproductive system
- Strengthens uterine health and modulates reproductive hormones to improve follicular and oocyte development
- Improves conception rate and embryo survival rate
- Helps to modulate the innate and adaptive cellular immunity
- Improves uterine tone & contractions
- Aids to ameliorate the negative energy balance thereby leads to earlier return to estrous postpartum
- Minimizes the impact of stress conditions

Recommended Usage:

Cow & Buffalo:

- 125 ml to 150 ml 5 days before artificial insemination
- 225 ml at the time of artificial insemination
- 125 ml to 150 ml for 3 to 5 days, once in a month after artificial insemination or as advised by a Veterinarian

Presentation: 225 ml, 450 ml, 900 ml & 4.5 L

Free From Hormones & Antibiotics

Animal Feed Supplement

Not For Medicinal use

Not For Human Use



Catalyst LifeSciences Pvt. Ltd.

An ISO 9001:2015, ISO 14001:2015, HACCP Compliance Certified Company

Corporate Office: # 5, 301, 3rd Floor, Greenwood Plaza, Sector 45, Gurugram - 122003, Haryana

Customer care #: +91 892 988 1235; Email: support@catalystlifesciences.in

For more information please visit: www.catalystlifesciences.in

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DISPOSAL OF BAD AND OUTER PACKAGE: Do not contaminate water, food or feed by storage and disposal. Completely empty container into application equipment. Triple rinse pail and offer for recycling or reconditioning. Containers can also be disposed of in a sanitary landfill or by incineration, or in accordance with guidance from your local waste regulation authority, such as by burning (if burned, stay out of smoke). When applying this product to water bodies, avoid solid particles from falling on nearby ground where birds and feed may be present.