



#### INDICATION

- Anoestrus due to nutritional deficiency, silent estrus

#### BENEFITS

- Improves mineral bioavailability and regulates hormonal balance to improve reproductive functions
- Enhances optimum follicular growth and ensures timely ovulation
- Improves vaginal/uterine pH and environment to facilitate fertilization
- Enhances conception rate after AI

#### RECOMMENDED USAGE

##### Cow and Buffalo:

1 Bolus daily for 20 days by oral route.

#### PACK SIZE

5X4 Boli Pack



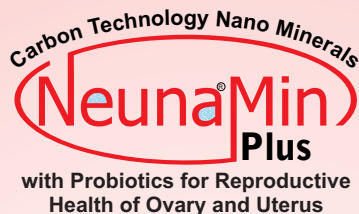
## Anoestrus and Repeat Breeding A Major Problem In Bovines

The incidence ranges of Anoestrus (20 - 30 %) and Repeat Breeding (3 - 10 %) in dairy cows in india.

Verma, S., S. Srivastava, R. K. Verma, Kumar A. Saurabh, and S. K. Yadav. "Incidence of repeat breeding in cows in and around Kumarganj, Faizabad (Uttar Pradesh), India." International Journal of Current Microbiology and Applied Sciences 7 (2018): 4860-4870.



Introducing...  
First Time in India



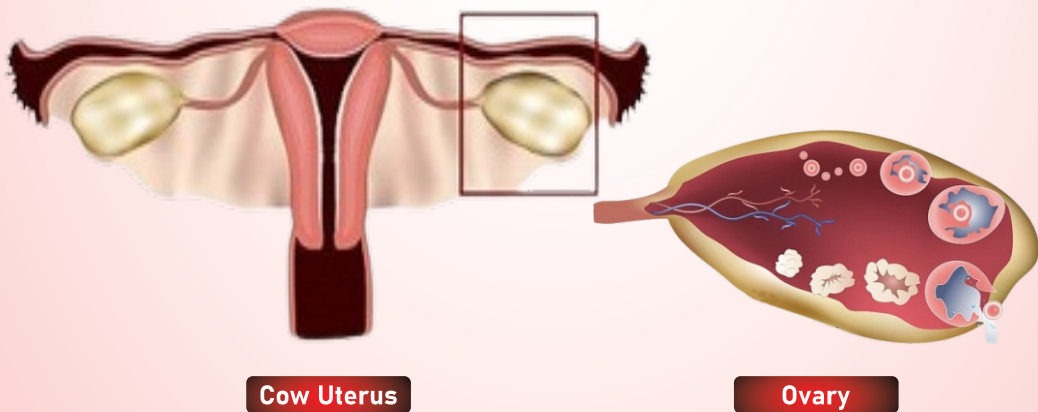
**Neuna<sup>®</sup>min Plus** is an innovative formulation of carbon technology based rumen protected nano minerals fortified with probiotics and vitamins, regulates hormonal balance, vaginal pH, improves reproductive environment, immunity and reduces oxidative stress to optimize reproductive health of ovary and uterus in bovines.

### COMPOSITION

#### Each Bolus Contains:

- Zinc Neunamin.....2,40,000 mcg
- Manganese Neunamin..... 2,40,000 mcg
- Copper Neunamin..... 1,20,000 mcg
- Iron Neunamin..... 96,000 mcg
- Selenium Neunamin.....2,400 mcg
- Iodine Neunamin..... 9,600 mcg
- Chromium Neunamin..... 3,200 mcg
- Vitamin A..... 75,000 IU
- Vitamin D3.....30,000 IU
- Vitamin E..... 500 IU
- MOS..... 300 mg
- Grape Polyphenol Ext. equivalent to  
Vitamin E activity..... 500 IU
- Lactobacillus gasseri, Lactobacillus fermentum, Lactobacillus plantarum  
(Total Probiotic Count 3,000 million cfu)

**Nano Size Rumen Protected  
molecules with Superior Absorption**  
20-100 nm particle size  
ensures Passive Diffusion



**Induces Fertile Estrus**



### MODE OF ACTION

#### REGULATES HORMONAL BALANCE AND IMPROVES REPRODUCTIVE ENVIRONMENT

Zinc Neunamin, Manganese Neunamin, Copper Neunamin, Iron Neunamin, Selenium Neunamin, Iodine Neunamin and Chromium Neunamin, Lactobacillus gasseri, Lactobacillus fermentum, Lactobacillus plantarum, Vitamin A, Vitamin E, Vitamin D3:  
Rumen protected Neunamins, Probiotics and Vitamins improve luteolysis, embryogenesis process and increases estradiol synthesis. Estradiol stimulates gonadotropin-releasing hormone responsible for the preovulatory luteinizing hormone surge. Improves conception rate, regulates follicle development, reduces incidence of retained placenta and facilitates estrus.

#### REGULATES VAGINAL pH

**Lactobacillus gasseri, Lactobacillus fermentum, Lactobacillus plantarum:**  
Probiotics Promote adhesion to vaginal epithelial cells, maintains vaginal pH at acidic value creating a hostile environment. It prevents growth of pathogenic microorganisms and urogenital diseases such as bacterial vaginosis. Provides healthy environment for fertilization.

#### IMMUNOMODULATOR ACTION TO IMPROVE REPRODUCTIVE HEALTH

Zinc Neunamin, Copper Neunamin, Selenium Neunamin, Iron Neunamin Chromium Neunamin, Lactobacillus gasseri, Lactobacillus fermentum, Lactobacillus plantarum, Vitamin A, Vitamin E and Grape Polyphenol Ext.:  
Rumen protected Neunamins, Probiotics, vitamins and Grape polyphenol Ext. improves neutrophil, phagocytic activity and numbers to aid the immune system fight infection. It increases immunoglobulins G (IgG) concentrations in the colostrum, ultimately impacting offspring health and production. It helps to improve reproductive health to support conception and pregnancy.

#### REDUCES OXIDATIVE STRESS TO FACILITATE CONCEPTION

Zinc Neunamin, Manganese Neunamin, Copper Neunamin, Selenium Neunamin, Vitamin A, Vitamin E:  
Rumen protected Neunamins and vitamins increase antioxidant and glutathione peroxidase activity which protects against free radicals, lipid peroxidation and reduces oxidative stress. It optimizes reproductive functions to improve conception rate.

**Induces Fertile Estrus**