

# NEWSLETTER

Connect to Chemistry

## V-Hybrid Feed Additive

- Boost Animal Performance with V-Hybrid
- Reduce Stress, Improve Meat Quality – Introducing V-Hybrid
- Smart Nutrition Solution for Modern Livestock Farming

## V-Hybrid: Advanced Nutritional Solution for Poultry & Ruminants

In modern high-density farming systems, animals are often exposed to stress from environmental and management conditions. This stress negatively impacts growth performance, feed efficiency, and meat quality. V-Hybrid, developed by Valley Lily Biotech Ltd, is an advanced feed additive designed to optimize nutrient metabolism, reduce stress and enhance overall animal performance.



## What is V-Hybrid?

V-Hybrid is a scientifically formulated blend of:

- Functional amino acids (Guanidino-acetic acid, Arginine)
- Essential B vitamins (B1, B2, B6, B12)
- Betaine and other nutrients

It supports efficient metabolism of proteins, fats, and carbohydrates, ensuring better productivity and health.



## Key Benefits

### Stress Reduction

- Helps animals cope with heat, cold, and re-grouping stress
- Maintains health and reduces production losses

### Improved Growth Performance

- Enhances energy supply through ATP regeneration
- Improves weight gain and feed conversion efficiency

### Better Meat Quality

- Increases creatine levels in muscle
- Reduces drip loss
- Improves tenderness and flavor

### Enhanced Protein Utilization

- Reduces nitrogen excretion
- Lowers ammonia levels
- Supports environment friendly farming



## Editorial Note

Modern livestock farming is no longer just about growth, but about managing stress, efficiency, and consistency under increasingly demanding conditions. As production systems evolve, so must the nutritional solutions that support them. In this issue, we introduce V-Hybrid by Valley Lily Biotech Ltd, an advanced feed additive designed to improve metabolic efficiency, reduce stress, and enhance overall animal performance. At Remex, we remain focused on bringing practical, high-impact solutions that align with the future of sustainable livestock production.

## How It Works

- Boosts energy metabolism via phospho-creatine formation
- Improves amino acid balance and protein synthesis
- Acts as a methyl donor (Betaine) for better biochemical efficiency
- Supports immunity and metabolic stability under stress

## Application & Dosage

- Poultry Feed: 1–2 kg per ton
- Cattle Feed: 1–2 kg per ton (Adjust based on stress and farm conditions)

## Proven Results

Animal trials on broilers (Ross 308) showed:

- Increased daily weight gain
- Improved feed efficiency
- Reduced meat drip and cooking loss
- Better results compared to guanidino-acetic acid alone



## Packaging & Storage

- Available in 25 kg bags
- Shelf life: 12 months
- Store in a cool, dry, and ventilated place

## Important Notes

- Not for direct feeding—must be mixed with feed
- Use immediately after opening for best results



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