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WITH 20 YEARS OF SCIENTIFIC RESEARCH EXPERIENCE IN THE FIELD OF HUMIC ACID

OUR MISSION is to
Promote the development of
non-antibiotic farming
and to ensure safety of
animal's feeds

HUMIHYD

FULVIC AND HUMIC ACIDS

HUMIHYD is manufactured using the patented activation technology to produce highly purified humic substances.

HUMIHYD is 100% WATER SOLUBLE

- Combination of low molecular and medium to high molecular weight compounds
- Natural growth enhancers to substitute AGPs
- Higher nutrient utilization of animals
- Works against viral infections
- No resistance from pathogens
- Tasteless
- No side effects
- No contraindication with other supplements and medications
- Environment-friendly

PACKAGING
25 kgs

SHELF LIFE
24 months

HUMIHYD is an organic compound from nature with 60% HUMIC ACID and 40% FULVIC ACID content.



MECHANISM OF ACTION

✓ STRONGER IMMUNE SYSTEM

HUMIHYD increases concentration of antibodies against infectious bursal disease, avian influenza, and Newcastle disease virus, and greater lymphocytes and leukocytes counts, phagocytosis, and phagocytic index

✓ OXIDATIVE STRESS

The phenolic and quinone groups present IN HUMIHYD are electron donors and acceptors providing antioxidant effects; increased SOD, GSH-Px activity GSH-Rx, total T-AOC and catalase activity and decreased MDA levels in the blood; chelates iron and copper, inhibiting the formation of free radicals, thereby controlling lipid peroxidation (for a higher oxidative stability)

✓ AMMONIA EMISSION

The phenolic hydroxyl and quinone groups IN HUMIHYD react with the sulfhydryl groups in urease, thus the urease activity would be inhibited and ammonia volatilization would be reduced

✓ TOXIC METABOLITES

The isolation of aflatoxins in the gastrointestinal tract, reducing their bioavailability and increasing their excretion through feces; provides protection against mycotoxins by increasing their ability to form a protective film on the mucous epithelia of the gastro-intestinal tract

BENEFITS OF HUMIHYD

- ✓ Improved feed consumption, feed efficiency and weight gain of broiler chickens
- ✓ Increased egg weight, egg mass, and egg production of laying hens
- ✓ Outstanding improvements in meat and milk quality
- ✓ Lower ammonia emissions and better animal welfare
- ✓ Reduced risk of disease challenge and mortality rate
- ✓ More profitable animal production

USAGE IN FEEDS

<i>PIGS AND POULTRY:</i>	500g - 2kgs/MT
<i>AQUA:</i>	1.5kg - 4kgs/MT
<i>RUMINANT:</i>	3 - 5 kgs/MT

USAGE IN DRINKING WATER

2 grams per liter of drinking water