



A multi-functional preventive approach to counteract stress in the presence of toxic contaminants and guarantee high performance in today's challenging production conditions. NovinS® expands beyond traditional binding approaches of clays and yeast cell wall products. NovinS supports natural detoxification. NovinS® with five modes of action.

NovinS® - Scientifically proven modes of action:

1. Liver and kidney support

The selected plant extracts are proven to support the function of these organs when confronted with toxic stressors (e.g. toxin blockade at membrane level, protein synthesis enhancement, antibiotic activity, anti-inflammatory effect etc.). Liver & kidney detoxification remains a key target to animal performance.

2. Preventing Oxidative stress

Selected protective antioxidants provide cellular support against the damaging effects of free radicals on the intestinal microflora, cells and tissues. Oxidative stress correlates to elevated levels of lipid peroxidation. Oxidative stress is linked with a universal non-specific mechanism of several pathologies within the organism. Elevated oxidative stress consumes significant amounts of energy from the animal that could otherwise be used for growth, longevity, fertility and overall animal productivity.

3. Counteracting immune suppression and strengthening the animal's natural immune responses

Chronic exposure even at low levels of multiple toxic contaminants weakens the immune response and increases susceptibility to infectious diseases due to a combined negative effect. NovinS® has selected plant extracts and specific immunological response modifiers to offset those challenges.

4. Enhancing natural detoxification processes

By modifying toxic molecules into less harmful or polar components. NovinS® supports both Phase I and Phase II detoxification processes in the liver while maintaining the balance between the two phases.

5. Binding/adsorption biotransformation

Binding of water soluble (polar) toxins reduces their bioavailability. Both highly adsorbent mineral clays and yeast extracts, rich in gluco-mannans, are utilized for the efficient absorption of polar toxic contaminants, reducing their toxic bioavailability within the organism.



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