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What is MATRIX TECHNOLOGY?

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President/CEO, Protocol Technologies & Protocol Naturals**

Matrix Technology is a culmination of many years of research, experience and innovation in obtaining maximum performance outcomes in livestock and wildlife through a multidimensional, all natural approach to feeding and nutrition. This new cutting edge technology is not only the product of over 30 years of research but also represents significant product research and development investment. This unique, multidimensional approach is centered on a precise combination of specific nutraceuticals which address the host animal's entire digestive and circulatory system. Though Matrix is a multidimensional product, the primary components which Matrix Technology incorporates are host-specific, proprietary, encapsulated, beneficial bacteria and natural vasodilators from selected plant extracts.

Host-specific, proprietary, encapsulated, beneficial bacteria- provide the host with a concentrated inoculation of beneficial bacteria which minimize the colonization of harmful pathogens in the animal's intestinal tract (competitive exclusion), and aid in appetite and nutrient digestion. Host-specific bacteria (ruminant vs. monogastric) have been shown to possess a higher activity in the host than blended cultures. We were pioneers with this concept in the U.S. livestock industry in the early 90's. The encapsulation process ensures the bacteria remain live and viable when consumed, and bypass the rumen and reach the intestine where they are needed to expel harmful pathogens.

Natural vasodilators from selected plant extracts- vasodilators are compounds which enhance blood flow and thereby increase nutrient supply and uptake at the cellular level. We have been involved in the study of natural vasodilators since the early 80's in attempting to pinpoint those extracts with the greatest efficacy, precise feeding levels for various species and conditions, and purity and consistency standards. Natural vasodilators have been used in human medicine for many years to reduce cholesterol and blood pressure. Natural vasodilators have also proved beneficial in alleviating heat stress/heat exhaustion. Athletes routinely use these compounds as well to increase muscling and endurance. Our knowledge and experience in the field of natural vasodilators for livestock is unmatched.

Matrix Technology is truly unique and exclusive to our company, and by enhancing nutrient supply at the tissue level, can serve as a tool to take your livestock or wildlife operation to an entirely new level.

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