



Alltech[®]
US Equine
Solutions



Alltech equine solutions

As a company driven by research and science, Alltech has developed a large portfolio of innovations. We are a global leader in the agriculture industry. Alltech's specialty ingredients provide leading-edge technologies for:

- Feed efficiency
- Enzyme management
- Mycotoxin management
- Food enrichment
- Protein management
- Mineral management
- Gut health management

Alltech creates customer-centric solutions. We work with you to produce safer, higher-quality feed in a way that is in touch with equine market trends and tailored toward ensuring the health and safety of horses, all while keeping a focus on sustainability.

As we are constantly innovating, this guide provides a simplified overview of the nutritional solutions we currently offer to support you and your business. Categorized based on their makeup and implementation purpose, these technologies are targeted to meet current trends such as the demand for nutraceuticals, transparency in ingredient sourcing, natural and organic options, and a focus on gut health.



Gut and immune health support

Hydrolyzed yeast

Technology	Supplement feeding rate	Feed usage rate	Grain-free	Contains grain	Non-GMO letter	OMRI-listed	Advantage
Actigen®	2 g/hd/day	0.4–0.6 lb./ton	✓		✓	✓	<ul style="list-style-type: none"> Builds natural defenses Optimizes performance
Actigen® BAC	2 g/hd/day	0.5–1 lb./ton	✓		✓		<ul style="list-style-type: none"> Maximizes health during periods of high stress
Bio-Mos®	4 g/hd/day	2–4 lb./ton		✓			<ul style="list-style-type: none"> Aids in nutrient absorption
Integral® A+	<p><u>Foals:</u> 4–8 g/hd/day</p> <p><u>Performance:</u> 5–15 g/hd/day</p> <p><u>Breeding:</u> 10–20 g/hd/day</p>	N/A		✓			<ul style="list-style-type: none"> Safeguards health to maximize well-being Reduces the damaging effects of challenged feedstuffs in your most sensitive animals Increases animal performance parameters and reproductive health Optimizes gut health Effective at low levels of inclusion

Research: Actigen/Bio-Mos, 10 papers | Integral A+/Mycosorb, 9 papers

Gastric health

Live yeast culture

From *Saccharomyces cerevisiae*

Technology	Supplement feeding rate	Feed usage rate	Grain-free	Contains grain	Non-GMO letter	OMRI-listed	Advantage
Yea-Sacc® 1026	10 g/hd/day	2 lb./ton		✓			<ul style="list-style-type: none"> Supports the fermentation of feedstuffs in the cecum Promotes nutrient utilization
Yea-Sacc 1026 OA	10 g/hd/day	2 lb./ton	✓		✓		<ul style="list-style-type: none"> Increases fiber digestion and performance by enhancing the uptake of energy from feed Increases feed efficiency

Research: 34 papers

Synergistic blends

Technology	Supplement feeding rate	Feed usage rate	Grain-free	Contains grain	Non-GMO letter	OMRI-listed	Advantage
Lacto-Sacc®	10 g/hd/day	2 lb./ton		✓			<ul style="list-style-type: none"> Probiotic blend promotes optimal microbial balance in the gut Enhances digestibility and utilization of nutrients in the diet Supports optimal gut pH

Feed efficiency

Enzymes

Protein-based molecules that speed up specific chemical reactions

Technology	Supplement feeding rate	Feed usage rate	Grain-free	Contains grain	Non-GMO letter	OMRI-listed	Advantage
Allzyme® Vegpro	10 g/hd/day	1–2 lb./ton	✓		✓		<ul style="list-style-type: none"> A combination of naturally occurring enzymes including protease and cellulase Aids in digestion of vegetable protein Optimizes nutrient release Drives feed digestibility Decreases nutrient waste into the environment

Skin, coat, hoof and bone health support

Organic trace minerals

Highly bioavailable trace minerals bound to amino acids and peptides

Technology	Supplement feeding rate	Feed usage rate	Grain-free	Contains grain	Non-GMO letter	OMRI-listed	Advantage
Bioplex®	As needed to meet requirements	1.5 lb./ton		✓			<ul style="list-style-type: none"> Provides trace mineral nutrition (Zn, Cu, Mn, Fe) in a form as close to nature as possible Supports mineral absorption and retention Supports hoof and coat quality Supports tissue reserves and respiration
Bioplex® OA			✓		✓	<ul style="list-style-type: none"> Copper promotes healthy connective tissue and immune function 	

Research: 11 papers

ALLTECH SOLUTIONS BY CATEGORY

Selenium yeast

Proprietary organic form of selenium yeast

Technology	Supplement feeding rate	Feed usage rate	Grain-free	Contains grain	Non-GMO letter	OMRI-listed	Advantage
Sel-Plex® 2000				✓			<ul style="list-style-type: none"> • Supports immune health • Supports reproductive function
Sel-Plex® 3000	As needed to meet requirements	As needed to meet requirements	✓				<ul style="list-style-type: none"> • Optimizes performance • Supports mineral retention
Sel-Plex® 3000 OA			✓		✓	✓	<ul style="list-style-type: none"> • Protects in times of stress • Supports the body's defense against infection

Research: 25 papers

Yucca

Formulated from proprietary extracts of the *Yucca schidigera* plant

Technology	Supplement feeding rate	Feed usage rate	Grain-free	Contains grain	Non-GMO letter	OMRI-listed	Advantage
De-Odorase®	1 g/hd/day	4 oz./ton		✓			<ul style="list-style-type: none"> • Binds ammonia and controls fecal odors • Helps maintain healthy respiratory function

Research: 3 papers

LIFEFORCE FORMULA® Equine packs

The LIFEFORCE FORMULA PACKS are an effective way to add a bundle of Alltech technologies to your commercially prepared equine feed or supplement. These technologies will boost current feed to become premium or ultra-premium.

Technology	Feed usage rate	Advantage
LIFEFORCE FORMULA® Equine Basic Pack	10 g/hd/day	<ul style="list-style-type: none"> • Provides trace mineral nutrition (Zn, Cu, Mn) in a form as close to nature as possible • Promotes nutrient utilization • Optimizes gut health
LIFEFORCE FORMULA® Equine Plus Pack	13 g/hd/day	<ul style="list-style-type: none"> • Optimizes performance • Aids in nutrient absorption • Supports immune health
LIFEFORCE FORMULA® Equine Ultra Pack	16 g/hd/day	<ul style="list-style-type: none"> • Provides trace mineral nutrition (Zn, Cu, Mn) in a form as close to nature as possible • Optimizes performance • Helps maintain healthy respiratory function • Drives feed digestibility • Protects in times of stress

Why partner with Alltech?

Research and innovation

- Combine industry-leading equine solutions into efficient packs, boosting functional benefits to compete in the premium feed market
- Utilize large-scale, modern facilities, equipment and production methods
- Address both current challenges and future opportunities
- Collaborate on vital research topics with key partners

Distribution channel

- Extensive and adaptable to changing conditions
- Competitive, reliable and resourceful
- Complete with VTM production and blending capabilities

Technical team

- Ready to provide the latest scientific insights, resources and expertise
- Working with you on solutions customized to your operation and your goals
- On-farm, but with access to Alltech's global network
- Built-in formulation and nutrition support from vets and other Ph.D.-level equine experts

Manufacturing

- Custom manufacturing of premixes and base mixes
- Innovative diet design and formulation
- Micro-ingredient sourcing

Quality and safety

Alltech is committed to delivering natural nutritional technologies that exceed expectations in addressing challenges faced by the equine industry. The Alltech® Quality System (AQS) works to continuously ensure or exceed customer satisfaction in the areas of biotechnology, quality, safety and service. AQS was designed to meet or exceed global, regional and local regulatory requirements for food and feed and ensures consistency across all our manufacturing facilities.

Marketing resources

- Trademark licensing
- Claims and strategic support
- Market guidance

Visit [Alltech.com/third-party-verified-products](https://www.alltech.com/third-party-verified-products) for more information on our OMRI-listed technologies that meet expectations for non-hormone-treated, no-antibiotic, and no-animal-byproduct nutritional solutions.

Different forms and applications are available upon request (*granular, powder, liquid, etc.*).

Sustainability

Alltech has earned accreditations and certifications, which means Alltech has measured the environmental and social impact of our equine business operations, and our use of the accompanying badge and logo signifies our commitment to further advancing the sustainability of our company and the entire equine industry.

Alltech was awarded three EcoVadis sustainability awards in 2023. Alltech has been awarded a silver medal from EcoVadis, putting it in the top 25% of sustainable companies globally. Alltech also earned the EcoVadis platinum medal for its production site in Springfield, Kentucky.



Alltech Serdan (yucca manufacturing), is certified by Empresa Socialmente Responsable (ESR) as a socially responsible company.



Life cycle analyses (LCA's) quantify the environmental impacts associated with a product. To date, Alltech has completed 74 individual LCA's across 17 sites on 5 continents focused on our top 7 product families.

Backed by science

Our research is helping to redefine how we feed animals to enhance health and performance with lifetime nutritional solutions. We have more than 100 researchers who are dedicated to discovering solutions to the agri-food industry's most pressing challenges, and their efforts are complemented by five bioscience centers and many collaborative projects with experts around the globe.

Scan the QR code below to access our full research bibliography.



If you have questions about these technologies or would simply like to learn more about the Alltech Equine team and its initiatives, please reach out to equine@alltech.com.



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