

SAPORT®

FEED ADDITIVE

PACKAGING AND CODES

Bags, net weight 50 pounds
Codes: Nutra Blend M851

Available from:
Nutra Blend, LLC,
Neosho, MO 64850
800-657-5657

Nutra Blend West,
Madera, CA 93637 / 503-982-9545
Hubbard, OR 97032 / 559-661-6161

Nutra Blend East,
North Troy, VT 05859
800-945-4474

PMI develops innovative combinations of animal feed additives that optimize performance in poultry, swine, dairy and beef cattle by supporting nutrient utilization and gut health. Working with feed nutritionists, manufacturers, veterinarians and producers, PMI products harness the interactions between feed additives to deliver value, efficacy and strong results. Through a comprehensive innovation approach, across component verticals, species, and geographies, PMI leverages the most advanced ingredients and technologies to develop products that perform.



PMI
4001 Lexington Ave N
Arden Hills, MN 55126
www.pmiadditives.com

▲ Provides a high-quality source of saponins from the *Yucca Schidigera* plant, which when added to feed, affects fecal moisture content and ammonia emissions

▲ Developed for swine, poultry, ruminants, and companion animals

Nutritional programs are designed to optimize animal performance and production efficiency. Inclusion of functional ingredients, such as plant extracts, is often directed at helping ensure optimal gut integrity.

Saport® Feed Additive (Saport® FA) consists of saponins obtained from the *Yucca Schidigera* plant. Saponin is the collective term for steroidal sapogenin ring molecules plus carbohydrate chains attached. These are the functional nutrients that support immune-competence and gut integrity for optimal animal performance. Total Steroidal Sapogenin (TSS) content is the best reliable indicator of the biological activity and efficacy of *Yucca Schidigera* products.

Saport® FA contains high level of TSS, 26,000 ppm, which is regularly tested and compared to industry benchmarks to ensure consistency in every bag

FEATURES	BENEFITS
Pellet and extrusion stable	Flexible formulation and manufacturing
GRAS	No withdrawal period required
Supports gut integrity through reduction in ammonia emission and fecal moisture content	Optimal animal performance
High quality control and quality assurance program and procedures in place <ul style="list-style-type: none">• Every batch tested to assure solids >30% TDS, regularly tested for saponin content and Sapogenin “Spectrophotometric Method for the Determination of Total Steroidal Sapogenin”, Analyst, June, 1977, Vol. 102, pp. 458-465.	Product quality is critical to ensuring consistent and repeatable animal performance results

SAPORT® FEED ADDITIVE

RECOMMENDED INCLUSION LEVEL

Swine:

Starter: 4 oz. (112 g) per ton of complete feed
 Grower & Finisher: 2 oz. (56 g) per ton of complete feed
 Gestating Sow: 2 oz. (56 g) per ton of complete feed
 Lactating Sow: 4 oz. (112 g) per ton of complete feed

Poultry:

Broiler & Turkey Starters: 4 oz. (112 g) per ton of complete feed
 Broiler & Turkey Growers/Finishers: 2 oz. (56 g) per ton of complete feed
 Layers: 2 oz. (56 g) per ton of complete feed

Ruminants: 0.5 – 2 g per head per day

Equine: 0.5 – 2 g per head per day

Companion Animals: 4 oz. (112 g) per ton of complete feed

EXAMPLE OF TRIALS

SPECIES	TRIAL COMMENTS																					
Poultry	100 day-old broiler chicks were fed a basal diet containing 40 g/metric ton Salinomycin with/without 200 g/metric ton Saport® FA for 21 days. Research conducted by Dr. Greg Mathis, Southern Poultry Research Inc., Athens GA.	<p>Performance measured at 21 days versus control</p> <table border="1"> <thead> <tr> <th>Treatment</th> <th>Control</th> <th>Saport™ FT</th> <th>Difference</th> </tr> </thead> <tbody> <tr> <td>Fecal Moisture, %</td> <td>67.4^a</td> <td>55.5^b</td> <td>- 17.6 %</td> </tr> <tr> <td>Ammonia, ppm/g DM</td> <td>2.79^a</td> <td>194^b</td> <td>- 30.63 %</td> </tr> <tr> <td>Weight, g</td> <td>2449.0^e</td> <td>2503.2^f</td> <td>+ 54.2 g</td> </tr> <tr> <td>Feed/Gain</td> <td>1.823^g</td> <td>1.797^h</td> <td>2.6 points</td> </tr> </tbody> </table> <p>^{a,b}p=0.013 ; ^{e,f,g,h}p<0.05 (2007)</p>	Treatment	Control	Saport™ FT	Difference	Fecal Moisture, %	67.4 ^a	55.5 ^b	- 17.6 %	Ammonia, ppm/g DM	2.79 ^a	194 ^b	- 30.63 %	Weight, g	2449.0 ^e	2503.2 ^f	+ 54.2 g	Feed/Gain	1.823 ^g	1.797 ^h	2.6 points
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Poultry	90 day-old broiler chicks were fed a basal diet containing Salinomycin with/without 200 g/metric ton Saport® FA or 300 g/metric ton competitor for 42 days. Research conducted by Dr. Greg Mathis, Southern Poultry Research Inc., Athens GA.	<p>200 g/t Saport® FA weight gain and feed conversion results in commercial broilers at 42 days versus control and was equal to 300 g/t of competitor</p> <table border="1"> <thead> <tr> <th>Control</th> <th>Control</th> <th>Saport® FT</th> <th>Competitor</th> </tr> </thead> <tbody> <tr> <td>Weight, g</td> <td>2464.7^a</td> <td>2530.7^b</td> <td>2521.0^b</td> </tr> <tr> <td>Feed/Gain</td> <td>1.82^c</td> <td>1.79^d</td> <td>1.77^d</td> </tr> </tbody> </table> <p>^{a,b}p=0.011 ; ^{c,d}p<0.001 (2006)</p>	Control	Control	Saport® FT	Competitor	Weight, g	2464.7 ^a	2530.7 ^b	2521.0 ^b	Feed/Gain	1.82 ^c	1.79 ^d	1.77 ^d								
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