

Thorvin and Goats – FAQ

1. What is Thorvin?

Thorvin is a 100% natural feed supplement for supporting optimal livestock health. Sourced from the cleanest seaweed beds on Earth, Thorvin contains a complex array of bioavailable minerals, vitamins, and beneficial phytonutrients. Dried at controlled low temperatures, Thorvin is concentrated and readily utilized – for just pennies a day.



2. Why feed Thorvin to goats?

Dairy and meat goats require many minerals and vitamins not found in today's forages and rations, and Thorvin is a natural source for more than 60 micro- and phytonutrients. A range of bioactive compounds supports immune, metabolic, reproductive, and digestive function.

3. How does Thorvin work?

- > Thorvin works by filling in trace mineral deficiencies. (See table below for several examples.)
- A 100% plant-based source of Iodine, Thorvin naturally supports thyroid and metabolic health.
- > Bioactive compounds, such as polysaccharides, promote ruminant activity and immune function.
- > Thorvin delivers trace quantities of several vitamins, some of which are not produced naturally by goats.

Trace Mineral	Goat Health			
Cobalt	Utilized by rumen microbes in forming vitamin B12, C & K			
Copper	Critical for conception and development of bones and nervous system; Also supports digestion			
Iodine	Essential for thyroid function, which supports energy, reproduction, milk yield, and kid strength			
Manganese	Supports bone formation, reproduction, and enzyme functioning			
Selenium	Partners with Vitamin E to protect cell membranes and support healthy development of calves; Also important for reproduction			
Zinc	Critical for immune response, healthy skin, and male reproduction			

4. What are the feeding rates for dairy and meat goats?

Suggested Feeding Rates Per Day – Thorvin for Animals						
Feed 1/4 oz. of Thorvin for Animals per 50 lbs. of body weight. Mix in feed at 2% of grain ration or 0.5% of Dry Matter Intake (DMI). Thorvin can also be fed free choice, alone or with salt.						
Stage of Production	% of DMI	% of Grain Ration	Oz. / Head / Day*	Free Choice		
Dairy Goats	0.5%	2%	1/4 - 1/2 oz.	Yes		
Meat Goats	0.5%	2%	1/4 - 1/2 oz.	Yes		
Kids	0.5%	2%	1/4 oz.	Yes		

^{*} ¼ oz. = 1½ tsp. ½ oz. = 1 Tbsp.

Feed rates continued

Goats tend to self-regulate free-choice consumption of Thorvin to levels consistent with recommended rates. When free-choice feeding, provide one covered mineral feeder for every 40-50 animals. For more info about Thorvin mineral feeders, email info@thorvin.com or call 800.464.0417

5. How is Thorvin different from other kelp supplements?

Thorvin delivers more nutrients and value per pound, as verified by independent testing.

- One-third less moisture
- > 30% more iodine
- Greater ash content
- > Only kelp feed supplement with guaranteed selenium

6. How much iodine does Thorvin deliver?

At $\frac{1}{4}$ - $\frac{1}{2}$ oz. per day, Thorvin for Animals delivers 5-10 mg of 100% natural lodine per day – along with 60 other minerals, vitamins, amino acids, and beneficial phytonutrients.

7. Is Thorvin organic?

Yes, Thorvin is Certified 100% Organic and is the #1 organic feed supplement. As of March 4, 2014, please note that any kelp products used on organic operations must be Certified Organic.

8. What do farmers say about Thorvin?

"I switched to Thorvin on December 23rd, 2009 and saw a difference in the quality of the milk – higher butterfat and higher production – in just 3 days. We feed Thorvin free choice, along with an herbal mix, and the goats eat what they need, when they need it. Thorvin is an important part of our holistic health program, which supports numerous award-winning goats in milk weight and butterfat.

Kristie Miller, www.landofhavilahfarm.com (MI)

"When we were launching our goat operation, everyone offered the same advice: 'Feed Thorvin as your mineral supplement.' So that's what we're doing. My goats are in fine health and we're looking for spring kids. Thank you, Thorvin."

Amy Myers, Dairy Goat (VA)

"I raise natural colored angora goats for their mohair. I have used Thorvin for several years now. After I added Thorvin to their diet, I noticed a big improvement in the strength, quality, and luster of the mohair. Their overall health also significantly improved helping to keep my angoras hardy and healthy in our Minnesota climate. I mix the kelp 50:50 with my loose goat mineral during the pasture season, and increase the kelp to 75:25 during the offseason.

I am so impressed with Thorvin that I include it in the nutrition section of my new owner manual. This manual goes with every goat I sell. When other breeders ask how I produce such beautiful mohair that sells for top dollar, I tell them they need to add Thorvin to their goat's diet. Thanks for bringing a great product to the farm!" Angela Abraham, Red Falcon Ranch (MN)

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