



Thorvin for Animals

Animals Thrive on Thorvin

The Thorvin Difference

Thorvin is the #1 natural trace mineral supplement for supporting optimal livestock health. As nature's most complete source of bioavailable minerals, vitamins, and beneficial phytonutrients, it delivers a range of stress-relieving benefits to all types of livestock.



Thorvin is the leader in harvesting and processing mineral-rich, kelp-based ingredients for agriculture. Thorvin selects the most nutrient-rich species, harvests from the cleanest sites, and processes to capture maximum nutrient density. Animals thrive on Thorvin—they have since 1982.

“When I encounter pinkeye, hairy warts, ringworm, or breeding problems, my first question to farm clients is, ‘Are you on Thorvin?’”

Paul Detloff D.V.M.
Livestock Consultant (WI)

For more information:
800.464.0417
sales@thorvin.com
www.thorvin.com



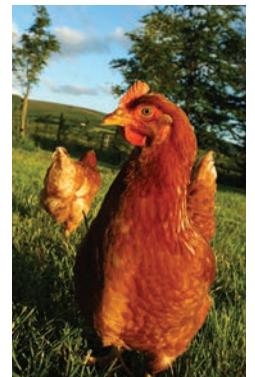
Thorvin for Animals – Benefits

Thorvin works by filling in micronutrient deficiencies and helps support digestive, reproductive, and immune function. Benefits vary by species and nutritional needs.

- Nutrient-Dense – Contains a broad array of bioavailable minerals, vitamins, and beneficial phytonutrients for superior metabolic health – as needed, by species.
- Enhances Performance – Promotes breed back (selenium & zinc) and weight gain.
- Supports Animal Health – Contains nutrients critical for minimizing foot rot (zinc & iodine) and pinkeye (copper & selenium).
- Economical – Only takes small amounts to help fill micronutrient deficiencies – for just pennies a day.
- Excellent Value Per Pound – Delivers more iodine and lower moisture per pound; only kelp with guaranteed selenium claim.
- Concentrated Source – Proprietary processing locks in nutrients and delivers concentrated mineral source.
- Versatile – Mix in feed at 1-2% of dry ration, or feed free choice – alone or with salt.
- Organic – Certified 100% Organic and OMRI Listed*.
- All-Natural – 100% natural; no additives – just the way nature intended.

“If you’re raising broilers, I sure hope you’re feeding Thorvin.”

Kipp Jaszewski
Mountain Meadows
Farm (VA)



Guaranteed Label Analysis

Crude Protein, not less than	6.0%
Crude Fat, not less than	1.0%
Crude Fiber, not more than	8.0%
Calcium (Ca), not less than	1.5%
Phosphorous (P), not less than	0.1%
Potassium (K), not less than	2.0%
Iodine (I), not less than	750 ppm
Zinc (Zn), not less than	12 ppm
Copper (Cu), not less than	4 ppm
Cobalt (Co), not less than	4 ppm
Selenium (Se), not less than	0.5 ppm

Suggested Feeding Rates Per Day

Mix in feed at 1 to 2% of grain ration or 0.1 to 0.5% of Dry Matter Intake (DMI); top dress; or feed free choice – alone or with salt.

Dairy & Beef Cattle	1 – 4 oz. per head
Heifers & Calves	1/2 – 2 oz. per head
Horses, Sheep & Goats	1/8 – 1/2 oz. per head
Poultry	1% of grain ration
Swine	1% of grain ration

For details by species and weight, including pets, see thorvin.com.

Ingredients

Ingredients:	USDA Certified 100% Organic dried kelp (Marine algae – species Ascophyllum nodosum).
Packaging:	Available in 50 lb. bags and bulk totes.
Storage:	Store Thorvin for Animals in a dry location. Best used within 60 months of delivery.

Physical Characteristics

Particle Sizes	Granular, powder, or coarse available
Appearance	Green
Moisture	9% average
Aroma	Mild marine odor
Plant Part	Milled sea vegetation

The Thorvin family of quality products includes:

- Thorvin for Animals, our flagship product, is the #1 source of natural trace minerals and North America’s leading organic supplement.
- Thorvin 1000, our premium formula, efficiently delivers over 1000 ppm iodine and other concentrated nutrients, making it ideal for feed formulations.
- Nature’s Kelp Meal is a quality, value option, also carefully harvested and dried to meet Thorvin’s rigorous quality standards.

“When minerals are lacking, you start to see lame animals. We buy Thorvin because it helps keep our herd healthy.”

Angel Lopez, Dairy Herd Manager, EcoDairy Farms (CA)

Preserving the Power of Nature

Kelps are powerful sea plants, able to bioaccumulate the abundant nutrients found in seawater—but only Thorvin knows how to preserve these nutrients for maximum density. We select the cleanest and most mineral-rich kelp beds on the planet. Then, we use proprietary processing to lock in the nutrients so you realize the greatest value.



Ask for a product sample:
sales@thorvin.com / 800.464.0417



For more information:
800.464.0417 • sales@thorvin.com • www.thorvin.com

©2013 Thorvin Inc. All Rights Reserved

