



product guide

ENDOCRINE

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This blend is designed to assist with Endocrine imbalances, particularly Cushing's. Cortisol plays a crucial role in regulating various metabolic processes in the body, including the balance of minerals. In Cushing's disease, or scenarios where cortisol levels are excessively high, the body's normal mineral balance is disrupted. Excessive cortisol levels can contribute to sodium and water retention, high blood pressure, low potassium leading to muscle weakness, fatigue, disturbances in heart rhythm, low calcium and magnesium levels leading to decreased bone density and increased risk of osteoporosis, and impaired insulin function leading to increased risk of diabetes, obesity and cancer. In severe cases, pets will become emaciated in the neck and legs, distended in their stomach, they will lose hair, and will develop scabs (calcifications) on the skin. This blend is designed to support overactive adrenals, thyroid health, and mineral balance.

PRODUCT OVERVIEW



herbal remedy for pets

Organic Chaste

Berry (Vitex),

Organic Moringa,

Maca Root, Dulce,

Organic Camu

Camu, Dandelion

Root, Shilaji

- individually Hand-crafted
- certified organic
- non-gmo
- kosher
- no fillers or binders
- no preservatives
- hand-selected harvesting
- zero-waste certified ingredients



DAILY FEEDING



Up to 20lb	1/2 tsp per day
21-40lbs	1 tsp per day
41-80lbs	1.5 tsp per day
over 81lbs	2 tsp per day

For first time use, gradually increase into your pet's diet. Start with 1/4th the recommended daily amount and increase over the course of 3 days.

Contraindications: None. This blend can be used in combination with other foods and medications.

The daily feeding amount can be fed split into multiple servings or fed all at once. The amount listed here is a total feeding amount for an entire day, not a feeding suggestion per meal.

DAILY FEEDING



Chaste berry (*Vitex agnus-castus*) plays a significant role in maintaining hormonal balance by exerting its effects on the hypothalamus and pituitary glands. This is achieved through the intricate network known as the hypothalamic-pituitary-adrenal (HPA) axis, which regulates the body's response to stress and helps maintain equilibrium. The HPA axis involves the intricate interplay of various endocrine organs and their hormones. One crucial hormone affected by the HPA axis is cortisol. When cortisol levels become excessively elevated, it can lead to a range of adverse effects, including elevated blood sugar levels, cognitive decline, fluctuating energy levels, weight fluctuations (especially in the abdominal area), increased blood pressure, and an elevated risk of hypertension. Additionally, the HPA axis influences progesterone, which holds vital functions and health benefits for both males and females. Progesterone contributes to mood stability, neuron repair, prevention of hair thinning and dryness, maintenance of bone density, weight regulation, and counteracting estrogen dominance, even in males.



Moringa leaves are rich in essential vitamins, minerals, and antioxidants that easily fall out of balance in the presence of overactive adrenal function. These include Vitamin C, Vitamin E, potassium, calcium, and iron. Moringa has been recognized as an adaptogen that helps the body adapt to stress and promote balance in the endocrine system. Moringa contains isothiocyanates and flavonoids that function as strong anti-inflammatories. It also functions as an antioxidant and methyl donor. It contains S-adenosylmethionine (SAMe) which donates a methyl group (-CH₃) to other molecules in the body. This is important for proper liver function, B Vitamin metabolism, and hormone regulation.

INGREDIENTS



maca root

Maca root is widely recognized for its ability to enhance energy levels and stamina. It contains various bioactive compounds that contribute to regulating hormones, and holistic veterinarians acknowledge its potential to balance hormones in dogs, particularly in addressing reproductive or endocrine issues. Additionally, maca root supports improved coat and skin health in dogs, with its vitamins, minerals, and antioxidants playing a key role in maintaining overall coat and skin condition. Rich in dietary fiber, maca root promotes healthy digestion and is associated with enhanced digestive function. As an adaptogen, maca helps modulate the hypothalamic-pituitary-adrenal (HPA) axis, which regulates the body's stress response. By influencing this axis, it regulates the release of stress hormones, including those produced by the adrenal glands. Acting on the hypothalamus to control the pituitary gland, maca stimulates the adrenal glands to produce cortisol and other hormones, thereby aiding in the regulation of adrenal function.



dulse

Cortisol affects the hormone aldosterone, which regulates sodium and potassium levels. Excessive cortisol production has a cascade effect which increases sodium excretion. When the body is low in sodium, protein utilization and absorption are impaired. This leads to cachexia (muscle wasting), muscle loss, and in severe cases, organ damage. Dulse was selected primarily for its natural sodium content. Rather than using salt, dulse was also selected because it also contributes small amounts of thyroid-supporting iodine and calcium. Dulse helps prevent sodium deficiency by restoring depleted sodium levels in the presence of hormone imbalances.

INGREDIENTS



camu camu

Camu Camu restores Vitamin C stores that are depleted by hormone imbalances. Elevated cortisol production depletes the body's vitamin C stores, leading to a higher demand for this nutrient. In addition, chronic stress on the body caused by imbalances generates oxidative stress. Oxidative stress occurs when there is an imbalance between the production of reactive oxygen species (ROS) and the body's antioxidant defenses. Vitamin C is a powerful antioxidant that helps neutralize and scavenge ROS, protecting cells from damage caused by oxidative stress. By replenishing vitamin C levels, the body can enhance its antioxidant defenses during periods of stress.



dandelion root

Dandelion root supports hormone metabolism and detoxification, aiding in cortisol breakdown and elimination. It may help reduce inflammation linked to overactive adrenal function and thyroid imbalances due to its anti-inflammatory phytochemicals, like flavonoids and sesquiterpene lactones. Rich in antioxidants, including polyphenols and beta-carotene, dandelion root helps neutralize free radicals, reducing oxidative stress and supporting cellular health, which may ease symptoms of adrenal and thyroid issues.

INGREDIENTS



Overactive adrenal function is directly associated with a decrease in specific, important minerals. Mineral deficiencies can cause a variety of negative side effects. Further, deficiencies in certain minerals prevent the chelation of heavy metals out of the tissues. When these minerals become deficient, heavy metal levels increase, sometimes dramatically. This can create a new set of health problems. When the adrenals are overactive, they excessively produce cortisol. When this happens, the body increases the excretion of calcium, magnesium, potassium, zinc, and sodium through the urine, thus creating deficiencies. Shilajit is a naturally rich mineral source that can help prevent or resolve these imbalances.