



## Nature's Protection Products - Another Way to Protect Frequently Asked Questions

### 1. **Why doesn't it say "flea and tick" on the new labels for the essential, internal products: Daily Internal Powder, Daily Herbal Internal Powder and the Daily Herbal Drops?**

- The Environmental Protection Agency and many of the States do not allow the use of flea and tick on the label unless the product is registered by the EPA as an insecticide.
- Our Internal Products only use natural herbs, vitamins and nutrients therefore, we are not permitted to put "flea & tick" on the labels of these products because they are not registered as an insecticide or pesticide.
- The Nature's Protection Collars, Spot-On, Shampoo and Spray use only EPA approved essential oils and comply with the EPA regulations therefore we can put "flea & tick" on the packaging.
  - Provided [here](#) is the list of active ingredients that can be used in pesticide products that are exempt from the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) under the Minimum Risk Exemption regulations in 40 CFR 152.25(f)."

### 2. **Why is the ingredient strength the same for dogs as cats for the Nature's Protection collars?**

The ingredient strength for the Nature's Protection Collars is the same for cats, small, medium and large dogs. This is because the ingredients in the collars are not absorbed through the skin and into the body. The Collars work by producing a smell barrier that is objectionable for fleas, tick's mosquitoes and fly's. The Collars effectiveness will be longer with small dogs as compared to large dogs based upon physical size.

### 3. **Can you use the collars and the Spot-On at the same time?**

- Yes. This is especially true with large dogs such as Great Danes, German Shepherds and Golden and Labrador retrievers. With the larger dogs it is a good idea to use both - for example, place the collar on the neck and place the drops on the spine or above the hips.
- Typically for infestation we advise Nature's Protection Collar and Spot-On along with one of the Nature's Protection Daily Internal Powders.

### 4. **Where are all the Nature's Protection products made?**

- Currently the Nature's Protection Flea & Tick Collars, Spot-On, Spray and Shampoo are made in France. Later in 2018 they will be made in Florida. The Internal Powder is made in Lancaster County, PA. and the Herbal Internal Powder and Herbal drops are made in Vermont.



**5. Do you have efficacy studies available for the Nature's Protection topical products that is not a long document, and easy to understand?**

Yes. You can find these summaries on our website or you can ask your Earth Animal Sales Representative for a copy.

**6. How do the Nature's Protection Collars and Spot On work compared to other flea & tick collars and spot-on products?**

- Dr. Bob Goldstein has carefully selected the three best natural ingredients, making these products effective and protective powerhouses. The special combination of Virginia Cedar, Peppermint and Almond Oil works well on repelling both fleas and ticks and is safe for animals, the environment and humans too!
  - Virginia Cedar Oil is derived from conifer trees (trees that bear cones and needle-like leaves) of the pine or cypress families. It is known for its repellent properties and has antiseptic, anti-fungal and antibacterial properties also. It is also beneficial for the skin and coat.
  - Peppermint Oil is medicinal, stress relieving, insect repelling and has a natural minty scent.
  - Almond Oil is considered a valuable gift of nature, with its slightly nutty aroma that helps repel and protect from unwanted insects.
- Nature's Protection products repel and are not absorbed into the blood stream. The scent of the combined oils of Cedarwood, Peppermint and Almond smell pleasant to humans but is loathed by fleas and ticks. Therefore, the bugs do not stay on the dog or cat long enough to bite the skin.
- The oils used in the Nature's Protection Collars and Spot-On adhere to the surface of the skin. The skin's Sebaceous glands secrete an oily or waxy material, called sebum that helps to lubricate and waterproof the skin and hair. The sebum and Almond Oil helps the flea and tick prevention oils spread out. Our scientific efficacy studies show that 12 out of 12 ticks fled from host due to the scent!
- Most flea & tick topical products are made with synthetic (man-made) insecticides or pesticides that are designed to kill insects.
- In order to kill the biting insects, these potent chemicals need to be absorbed through the skin into the blood stream. The result of the insect biting is the absorbing of the chemical laden blood, causing the insect to die. The dog or cat are now the carrier for the poison.

Definition:

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| 1. | denoting a person or substance that kills. | Example: "insecticide" |
| 2. | denoting an act of killing.                | Example: "homicide"    |



7. **How do the Nature's Protection Shampoo and Spray work compared to other flea & tick collars and spot-on products?**
- They are complementary products (See above to our Nature's Protection Spot-On and Collars).
8. **What types of ticks were used in your efficacy studies on the Nature's Protection topical products – Collars, Spot-On, Spray and Shampoo?**
- There are an estimated 899 species of ticks in the world, of which over 90 occur in the continental U.S. So, to have the best evaluation of our products without testing dozens of tick species, we chose 2 species that are to our point of view representative of most of the species. Ticks from the Ixodidae family are the most common and often choose different hosts: some species need 2 hosts for their development (e.g. *Rhipicephalus sanguineus*, the brown dog tick), some others need 3 (e.g. *Ixodes ricinus*, the sheep ticks). We are using these two species, *Rhipicephalus sanguineus* and *Ixodes ricinus*, because they are representative of different host seeking behavior, but also because they have two different climatic requirements (dry for *Rhipicephalus sanguineus* and wet for *Ixodes ricinus*).
  - These two species are the most successful ticks: *Rhipicephalus sanguineus* is present all across the United States while *Ixodes ricinus* colonized most of European countries, Northern Africa, part of Middle East and is also heavily represented as the "Deer Tick" in Eastern United States. These 2 species are expanding their distribution range quite a bit though.
  - By conducting our tests on these two species, we feel we cover all the tick species parasitizing pets but not the bird ticks.
9. **Is garlic bad for dogs/cats? Are there negative long-terms effects?**
- Nature's Protection Internal Flea & Tick prevention products contain garlic and are given at safe doses. The benefits of garlic are proven such as immune, gastrointestinal and heart support. Garlic ingredients and compounds do not accumulate in the body and blood and therefore long-term use does not add more side effects because these compounds are metabolized. (See the Garlic Story on the Earth Animal website for more information).
10. **Need to be concerned with nut allergy from almond oil in collar?**
- The primary almond allergy is related to eating almonds and to the protein content of the almond. Eating almonds can cause gastro intestinal upsets such as bloating, vomiting, gas and diarrhea. The Earth Animal flea collar contains almond oil in small amounts. The purpose of this oil to help spread the odor of the collar and to add a pleasant smell. The oil is contained within the collar matrix and the odor is a vapor and therefore there is no side effects as seen with eating almonds.



**11. How long do you need to feed the Nature's Protection Daily Internal Powders and Drops for it to be effective?**

- This is individual based upon the dog or cat's system. The general rule is 3-4 weeks with the internal products. That said both the Nature's Protection Herbal Flea & Tick Collar and Spot-On will start to work almost immediately.

**12. Do you have to double the dose of the internal powder during peak season? My dog is super picky and will only take the normal dose (barely).**

- This is optional – the general rule is that the more of the Nature's Protection yeast free Herbal or yeast based Internal Powders given, the higher the benefits – that said for finicky animals do the best you can. Realize that less of the Internals are needed when the prevention program includes the Nature's Protection Flea & Tick Collar or Spot-On.

**13. Can the Nature's protection Flea & Tick Internal Powders or Drops have any side effects (diarrhea, vomiting)?**

- Any substance - be it chemical, pesticide or a natural ingredient can cause an allergic reaction. With the majority of animals there is no adverse reactions to the powder or drops. If there is a reaction such as spitting up or diarrhea - simply stopping the remedy should stop the condition. Also, the instructions on the label says the following:
  - Slowly introduce into your dog and cat's daily meals. Daily dosage can be split between meals. Build up to recommended usage level. Use all year round. Double the dose during peak season. Can be mixed with plain, organic yogurt or add water to make into tasty paste.

**14. Is long term use of your liquid supplements okay with the alcohol in them? I have read that any amount of alcohol is not good for dogs or especially cats.**

- Earth Animal only uses food grade alcohol. Also, unlike many dog, cat and human herbal extract we have been able to reduce the alcohol content to the lowest level with the addition of food grade glycerin. The lowest level of alcohol that will naturally preserve the herbs is 20%. We are able to achieve this low level of alcohol by also adding 12% food grade glycerin.
  - For example: a 35 lb. dog dose would get 12 drops of herbal extracts twice daily and a 10 lb. cat would get 6 drops twice daily. That equates to 2 1/2 drops of food grade alcohol twice daily for a dog and 1.5 drops for cats. This level will not cause any health issues for dogs or cats.



## 15. Where are the ingredients sourced from?

- **Daily Internal Powder:**

Brewer's Yeast	Mexico
Hops	Bulgaria
Dical Dihydrate	USA
Zinc Proteinate 15% (Key)	USA
dl-Methionine	Japan
Garlic	USA
Defated Rice Bran	Pakistan
Chicken Liver 132620 (Kemin)	USA
Limestone 38%	USA

- **Daily Internal Herbal Powder:**

Alfalfa – USA	Garlic - USA
Kelp – Canada	Spirulina- India
Nettles – USA	Papaya - India
Hawthorn – Bulgaria	Neem - India

- **Daily Herbal Internal Drops:**

Garlic – USA	Goldenrod - Hungry
Yerba Santa – USA	Tobacco - USA
Nettles – USA	Wormwood - Hungry
Yellowdock – Poland	Neem - India
Rue – USA	

- **Topical Products:**

Cedarwood oil: USA	Peppermint oil: India
Almond oil: Spain	Nylon: Germany
Zinc stearate: Italy	Soap: France
Glycerin (2 sources): Germany or Netherlands	Sodium riconelate: France
Isopropyl alcohol: France	

## 16. Which of the products should I use year-round?

- We recommend using the Nature's Protection Internal Flea & Tick prevention program year-round especially if you live in warm, humid areas. If you live in colder areas that have a deep freeze during the Winter months, it is Ok to reduce the dose to 1/2 or stop completely.

## 17. How do the Nature's Protection system work?

- There are two parts of our Nature's Protection Program –
  1. Using internal, essential year-round products.
  2. Using topical, external products that add the second barrier for preventing flea & ticks from biting.



## **1. Internal products:**

- Our internal products build and strengthen the dogs and cat's immune system. We know that the healthier the animal, the less likely for insect infestation.

### ***Daily Internal Powder:***

- Add the Daily Internal or Herbal Powder (Yeast Free) into the Dog and Cat's daily meals. Plain, organic yogurt or water can be used to mix with the powder into a paste.

### **How does it work?**

- The nutrients, vitamins & minerals helps support immune function and change your dog or cat's odor so that fleas, ticks, mosquitoes and insects dislike the scent or taste of the blood. Undetectable by humans Loathed by bugs.
  - For Dogs & Cats: Given internally, all year round. The longer the dog or cat ingests the powder the better it works!
  - Worry free: Safe for people, dogs, cats and the environment.

### ***Herbal Internal Powder:***

- Add the Daily Herbal Powder (Yeast Free) into the Dog and Cat's daily meals. Plain, organic yogurt or water can be used to mix with the powder into a paste.

### **How does it work?**

- The wild crafted herbs help to support immune function and change your dog or cat's odor so that fleas, ticks, mosquitoes and insects dislike the scent or taste of the blood. Undetectable by humans Loathed by bugs.
- For Dogs & Cats: Given internally, all year round. The longer the dog or cat ingests the better it works!
- Worry free: Safe for people, dogs, cats and the environment.

### ***Daily Internal Herbal Drops:***

- Add the Daily Herbal Drops to the food, water or the mouth twice daily.

### **How does it work?**

- Daily Herbal Drops is a highly absorbable blend that helps guard dog or cats from fleas & ticks. Helps to bitter the blood, support the body's defense against fleas & ticks and quiet the skins reaction to flea and tick bites.
  - Helps quiet the reaction and itching from flea bites.
  - Add the Herbal Drops to our Daily Internal Powders for optimum prevention against fleas and ticks.
  - High Absorption to help bitter the blood and prevent flea and tick bites.
  - Worry Free: Safe for people, dogs, cats and the environment.



## 2. **Topical products:**

Should be used in conjunction with our internal products during the warmer months of the year and peak insect seasons.

### ***Herbal Collars:***

- Dr. Bob Goldstein has carefully selected the 3 best natural ingredients, making these topical products effective and protective powerhouses. The special combination of Virginia Cedar, Peppermint & Almond Oil works well on repelling both fleas and ticks, and is safe for animals, humans and the environment.

### **How does it work?**

- Nature's Protection Collar repels & slowly releases the oils which are not absorbed into the blood stream. The scent of the Cedarwood, Peppermint and Almond smell pleasant to humans but is loathed by fleas and ticks. Therefore, the bugs do not stay on the dog or cat long enough to bite the skin.
  - The correct fit = 2-3 fingers inserted between the collar & neck.
  - Excess length can be cut off and disposed of.
  - Collars are waterproof - No need to be removed if swimming.
  - For maximum effectiveness, replace every 3 months or if re- infestation is a risk.

### ***Herbal Spot-On:***

- Dr. Bob Goldstein has carefully selected the 3 best natural ingredients, making these topical products effective and protective powerhouses. The special combination of Virginia Cedar, Peppermint & Almond Oil works well on repelling both fleas and ticks, and is safe for animals, humans and the environment.

### **How does it work?**

- Nature's Protection Spot-On repels and is not absorbed into the blood stream. The scent of the combined oils of Cedarwood, Peppermint & Almond smell pleasant to humans but are loathed by fleas and ticks. Therefore, the bugs do not stay on the dog or cat long enough to bite the skin. Earth Animals oils adhere to the surface of the skin. The skins Sebaceous glands secrete an oily or waxy material, called sebum that helps to lubricate and waterproof the skin and hair. The sebum and Almond Oil helps the Spot On to spread out. Our scientific efficacy studies show that 12 out of 12 ticks fled from host due to the scent!
  - Earth Animals Spot-On should be placed between the shoulders or along the spine. This allows the product to stay on the skin as long as possible for increased efficacy. You may however, put the Spot-On on the paws, legs, etc. That said, if the dog or cat is in the rain or outside running in puddles or in water, it may need to be re-applied.



- When applying the Spot-On, be sure to part the hair and apply the liquid directly on the skin. This will be more effective in helping to repel the fleas and ticks and also to decrease the hair from becoming too greasy.

### ***Herbal Spray and Shampoo:***

- Similar to the Spot-On, our Herbal Spray and Shampoo repels and is not absorbed into the blood stream. The scent of the combined oils of Cedarwood & Peppermint smell pleasant to humans but are loathed by fleas, ticks & mosquitoes. Therefore, the bugs do not stay on the dog long enough to bite the skin. Earth Animals oils adhere to the surface of the skin.

### **How does it work?**

#### ***Herbal Shampoo:***

- Nature's Protection Herbal Shampoo Earth Animals oils adhere to the surface of the skin and is made with a natural blend of aromatic, nourishing and calming herbs and essential oils that is beneficial for the skin and coat. The preventative power and minty scent of these gentle oils are non-offensive to your dog and help to repel fleas, ticks & mosquitoes. Our herbal shampoo is free of harsh parabens, chemicals, perfumes, dyes or Sodium Lauryl Sulfate.
  - Nature's Protection Herbal Shampoo can be used as often as one would like without drying the skin.
  - Natures Protection Herbal Shampoo is not for cats. This is due to the fact that cats dislike being bathed and not for safety reasons.

### **How Does It Work?**

#### ***Herbal Bug Spray***

- Our spray is veterinary formulated and infused with a natural blend of aromatic herbs and essential oils with a fresh, minty fragrance. These essential oils stay on the surface of the skin and have a minty scent while being offensive to fleas, ticks, mosquitoes and insects. Nature's Protection Herbal Bug Spray is the naturally effective alternative to bug sprays made with DEET, harsh chemical pesticides and insecticides.
  - The spray can be used on kids and people too!
  - Natures Protection Herbal Shampoo is not recommended for cats. Natures Protection Bug Spray is not recommended for cats. This is due to the fact that cats dislike the Pssst noise of being sprayed, and not for safety reasons.

### **18. In order for the program to work the best, which products do I have to use?**

- We suggest using either the Internal Powder or Herbal Internal Powder daily. These powders can change the scent of your dog and cats blood, therefore fleas and ticks loathe the scent of the animal and do not want to bite or imbed.



If you live in an area that has a large flea and tick population, we suggest using our Nature's Protection Herbal Drops as well. These drops will bitter the blood even more than just using the Nature's Protection Daily Internal Powder. If you go to the beach, hikes or long walks, our spray is great to use daily. Our spray can be used on dogs and people too! We have herbal collars and an herbal spot on that are very effective and should be used as well during peak flea and tick seasons. During the warm months, substitute your regular shampoo with our herbal shampoo. This helps protect as well.

**19. Will this program replace frontline or other mainstream products for fleas and ticks?**

- Yes, it can if used at the correct dose and following Earth Animals recommendations for both Nature's Protection Internal and External protection products.

**20. Is the bug spray safe for cats?**

- Yes, the bug spray is safe for cats. However, in most cases, cats do not like to be sprayed nor shampooed; they do not like the "psst" noise that the spray makes, and they do not like their fur to be covered by the spray. The recommendation we make saying "not intended for cats" is not linked to the formulation. If a cat accepts to be sprayed, then there is no problem using the spray.

**21. Can humans use the products?**

- Humans use our organic herbal spray, it really helps repel ticks, mosquitoes and black flies. We suggest using a high-quality Vitamin B Complex supplement and an odorless garlic supplement from your local health food store. These vitamins are the ingredients in our Internal Powder. They will do the same thing to a human's blood chemistry that our Internal Powder does for animals. We have heard that some people have used our Internal Powder in their morning shakes! Feel free, but the vitamin route might be easier!

**22. Will any of the Nature's Protection topical products stain my couch or other fabrics?**

- Based on the testing, the risk is very low for the shampoo and Bug Spray. The ingredients in both of these products are not susceptible to staining. However, when spraying your dog with our Bug Spray, do not spray near furniture and we recommend not allowing them on leather furniture.
- For the Nature's Protection Spot-On, the Almond Oil will stain when first put on the dog or cat. We recommend waiting for any Almond Oil to spread throughout the animal's hair. Waiting for 24 hours should be sufficient.



**23. I don't have 24/7 needs for the Nature's Protection Flea & Tick Collar. Can I preserve it somehow and use it when needed?**

- Yes, you can slow down the release of the collar by putting it in aluminum foil or a Ziploc bag of some sort (The bag has to have a tight seal) and then put it in the refrigerator. This will slow down the release of the collar but neither of these films (baggie or aluminum foil) are perfect barriers therefore, it won't stop the release, but it will slow down the release to extend the collar life to perhaps 4-5 months. In high population areas of fleas/ticks, we do suggest you spray your dog with our Nature's Protection Bug Spray for additional protection.

**24. How often do you use the Nature's Protection spray?**

- The Nature's Protection Bug Spray should be used whenever walking your dog outside in land that is moist, covered with vegetation or is known to attract or if you live in a heavily populated area for fleas and ticks.

**25. What is dl-Methionine? (Internal Powder)**

- dl-Methionine is an amino acid that chemically is high in sulfur. A sulfur odor in the skin acts as a prevention for fleas, ticks and mosquitoes who find this odor objectionable. This odor is not detected by humans.

**26. I noticed that there is a small piece of plastic attached to the Nature's Protection Herbal Flea & Tick Collar. What do I do with that?**

- Yes, as you pull the Flea & Tick Collar out of the package, please detach that piece of extra plastic from the collar before placing the collar on the dog or cat's neck. That extra piece is meant to keep the collar intact in the package and box and should be removed before using it. Once removed, please discard and then proceed to put the collar on the dog's neck.

**27. What if I can't get the collar through the buckle?**

- To make it easier to pass the collar through the buckle, please pinch both sides of the buckle; this makes the collar go through more smoothly.

**28. How long to the collars last?**

- Generally, 3-4 months. For smaller dogs and cats, you can go for up to 4 months. For larger and giant dogs, 3 months. However, for peak seasons and areas that are heavily populated with fleas and ticks, we recommend changing the collar every 3 months as stated on the Collar Nature's Protection Collar packaging.

**29. Most cat collars are made with a breakaway release. Does your Flea & Tick Collar for cats have this as well?**

- Yes. The cat collar mold was created to work as a break away system.



**30. Can I use just the collar?**

- Yes. However, defending against fleas and ticks from both the inside and outside is a more effective method.

**31. Why don't you have tablets instead of powder?**

- They are not available to make in a tablet form.

**32. What is the shelf life for the powder?**

- 18 Months.

**33. Do I need to refrigerate the product?**

- Not necessary to refrigerate however since the internal products are food grade, they will last longer if refrigerated.

**34. Is it overkill to give your pet the internal powder, the flea and tick drops and use the collar?**

- Yes. The internal powders (yeast and yeast free) are food grade and the collar and spot on drops are not absorbed through the skin into the blood. Therefore, they are safe and support each other and set up the prevention barrier for the dog and cat from the inside and outside.

**35. If I'm using "Frontline," how long do I need to wait to use the Nature's Protection Spot-On?**

- We are not aware of any adverse reaction when using our product after Frontline. Both in practice and in theory. We advise to shampoo when switching from one product to the other.

**36. Are your Nature's Protection Flea & Tick Collars and Spot-On safe around my young children who sleep with the dog?**

- Yes. There are no chemical insecticide or pesticides in any of the Nature's Protection Flea and Tick products.

**37. Why do you offer two different Daily Internal Powders and how are they different? And, how do I know which one to use?**

- Earth Animal offers 2 internal powders - The yeast based and yeast free formulation. Both formulations work effectively. Some dogs are allergic to yeast and therefore are a candidate for the Yeast Free formula.

**38. How long will a container of the Daily Internal Powders last for my 40 lb. dog? They come in different sizes.**

- The Nature's Protection Daily Internal powder will last a 50 lb. dog 32 days.
- The Nature's Protection Daily Herbal Internal powder will last a 50 lb. dog 32 days.



### **39. Why is there Tobacco in the Daily Herbal Drops? Isn't it harmful?**

- It is a fact that chewing large quantities of Tobacco or smoking and inhaling Tobacco fumes is the cause for the numerous health issues. The adverse health concerns related to Tobacco became known and popular in the early 1950s.
- Tobacco the herbal plant, is a potent insect repellent. Earth Animal uses only organically grown, extract of tobacco leaves, in the proper, safe amounts. This process takes advantage of the protective qualities of herbal Tobacco, avoiding any of the common known health concerns such as cancer and heart disease associated with smoking and chewing. Tobacco in our Nature's Protection Herbal Flea and Tick Remedy is used at safe levels for dogs and cats.

### **40. Why is there Zinc Stearate in our Nature's Protection Flea & Tick Collars:**

- Zinc Stearate is used to help drying/absorbing and incorporating the liquid active ingredients in the polymer matrix. It adjusts the right ingredient release preventing wetting at the surface of the polymer or too rapid a release of the active ingredients.
- Zinc Stearate is not toxic and has been used for decades in animals and in human cosmetics applications (creams, etc...). The Zinc Stearate is not released and remains within the polymer matrix of the collar. In addition, the level of Zinc Stearate used is very low. Here is a link that is helpful as well:  
[https://en.wikipedia.org/wiki/Zinc\\_stearate](https://en.wikipedia.org/wiki/Zinc_stearate)

### **41. Are the essential oils used in the Nature's Protection Flea & Tick Collars and Spot-On dangerous to cats?**

- Cats do not possess the enzyme glucuronyl transferase and therefore, their liver requires more time to eliminate phenolic compounds (which are found in some essential oils) and in medications such as aspirin or acetaminophen. Neither Peppermint nor Virginia Cedarwood oils contains these compounds. In addition, both Peppermint and Virginia Cedar Oil are used at low levels in Earth Animal's Nature's Protection Herbal Flea & Tick Collar and Spot-On for Cats further eliminating any potential side effects.

We recommend using the Nature's Protection topical products in conjunction with the Nature's Protection Internal Products that work in the blood stream, from the inside out of the dog or cat. This way, if an insect, mosquito, flea or tick attempts to bite the dog or cat, the scent of their blood is objectionable for the insect and they flee from the area to find a different host.