

COMPOSIZIONE

VETTM

VETERINARY DERMOSPRAY

With hydrating and soothing action

“Innovative, highly performing formulations for your horse and pet, using only plant-derived ingredients—perfect synergy between nature and the power of innovation.”



Promotes Reepithelization*

Clinical tests demonstrated that **Composizione Vet Dermospray** enhances the natural reepithelialisation process, protecting stressed skins from irritating agents, promoting its regeneration.

Soothing, Hydrating

Soothes itchiness. Softens the skin. **Composizione Vet Dermospray** is also suggested to treat skin irritations, dermatitis, sun burns and other dermatological conditions.

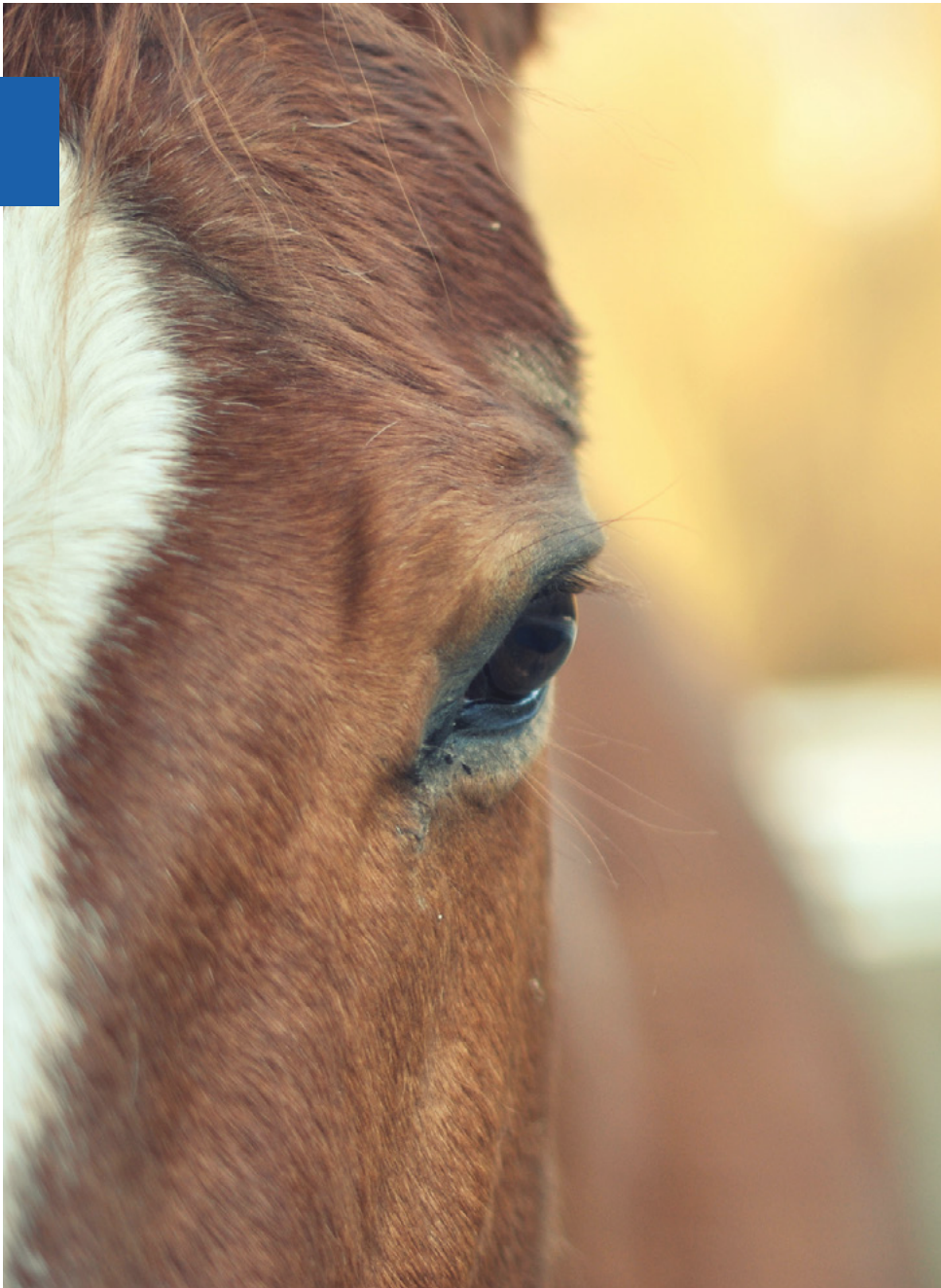
Keeps Insects Away*

Composizione Vet Dermospray helps protecting the skin from the attack of insects for at least 8 hours after application, reducing discomfort and itchiness.

No Sting!

Gentle formulation, delicate natural scent, great for sensitive areas: eye contour, ears, snout, genital area (It does not sting on sensitized skin).

*claims based on specific clinical tests, empirical observation and bibliographic research



Key Aspects

- Biodegradable (natural formulation)
- Supported by in vitro and in vivo clinical studies
- Safe for animals

Target

- Horses
- Affection animals
- Pets
- Exotic animals


MADE IN ITALY



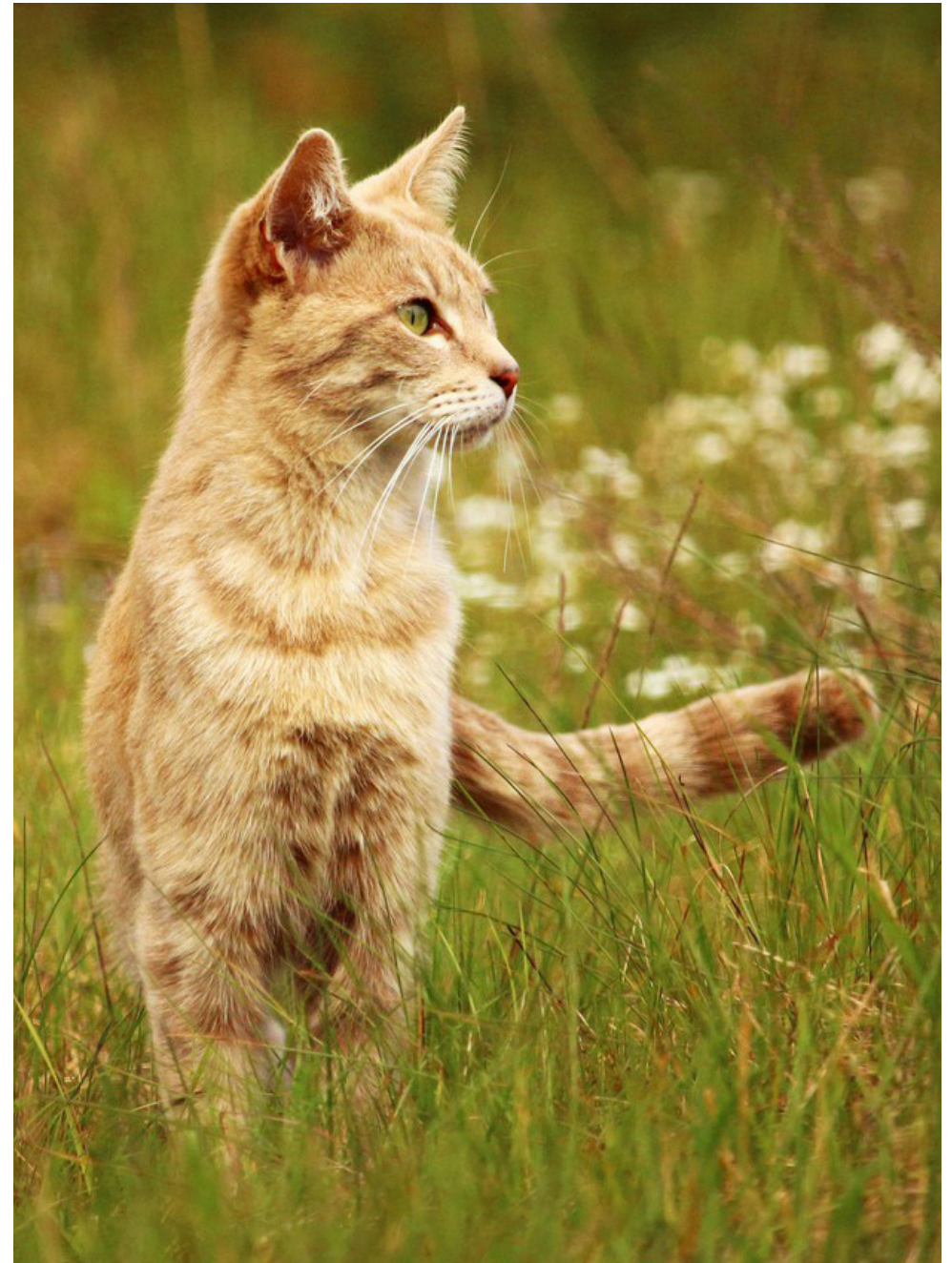
Safe and Effective Product

All the ingredients that we use are of top quality and undergo rigid evaluation tests in regards to their effectiveness, to guarantee the best in terms of safety and performance.

Green Formulation

Composizione Vet Dermospray

does not contain synthetic products, perfumes, essential oils, steroids, antibiotics, disinfectants, alcohol, pesticides. **Composizione Vet Dermospray** is gluten free, nickel tested and silicon free; clear colour, natural delicate scent, does not stain.



How To Use

Remove dirt and debris from the area, clean and disinfect it. Proceed then to apply **Composizione Vet Dermospray** directly on the area to treat from 10-15cm. Do not rinse; let the formulation dry.

Composizione Vet Dermospray can be used with other products, however we suggest to not use different products simultaneously to make sure that its tested effectiveness is not altered (always listen to the veterinary anyway!).

Apply at least once a day for the first three days, then apply as needed, with no limitations of utilisation. It is also good to maintain the animals' fur shiny and healthy and his skin hydrated: **the product is absolutely safe.**

The brand **Composizione Vet** and the patent **Composizione Vet Dermospray** are property of **Sigla Srl**

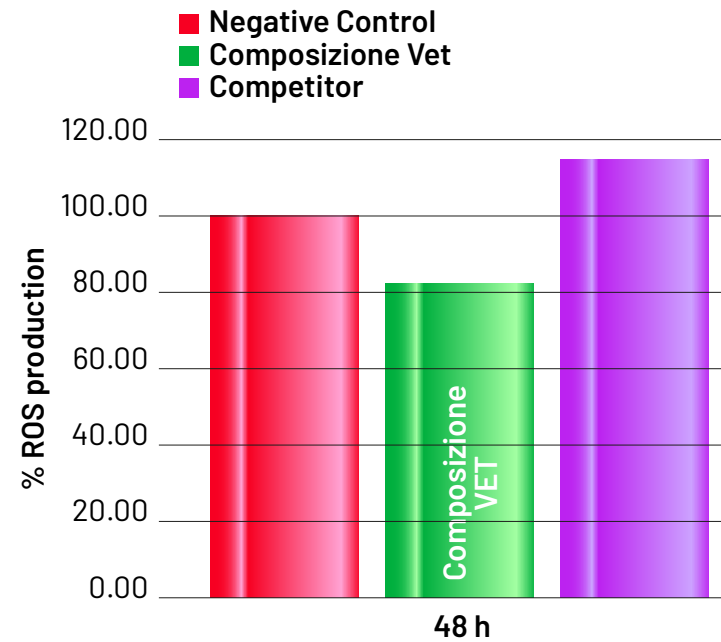
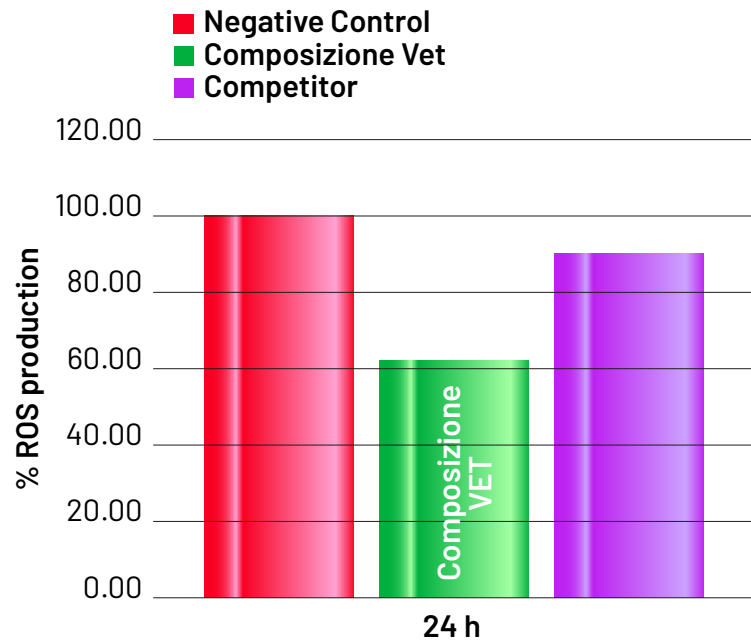
Test in vitro

Antioxidant Activity

Test performed on reconstituted skin. The sample is 'irritated' by an oxidizing agent (negative control). The observation follows the application of:

- Composizione Vet Dermospray
- A competition product with a soothing and regenerating claim

Composizione Vet Dermospray has better performances even after 48 hours of application—the lower the value, the more antioxidant the product.



Test in vitro

Regenerating Activity

A reconstituted tissue is stressed and damaged. The negative control shows the 'natural' course of cell regeneration. With **Composizione Vet Dermospray**, you have interesting results already after only 24 hours from a single application.

in 24 hours

50.76%

reduction of the wounded area

+25%

compared to placebo

Test in vitro

Extremely Disliked by Ticks

In the following tests (each of which was repeated 3 times), we observe that **Composizione Vet Dermospray** is repellent for up to 6 days after a single application. We have treated the upper part of some poles in porous material. No tick, which by its nature moves in a geotropic manner (that is, vertically upwards) has crossed the line from which Composition Vet was applied.

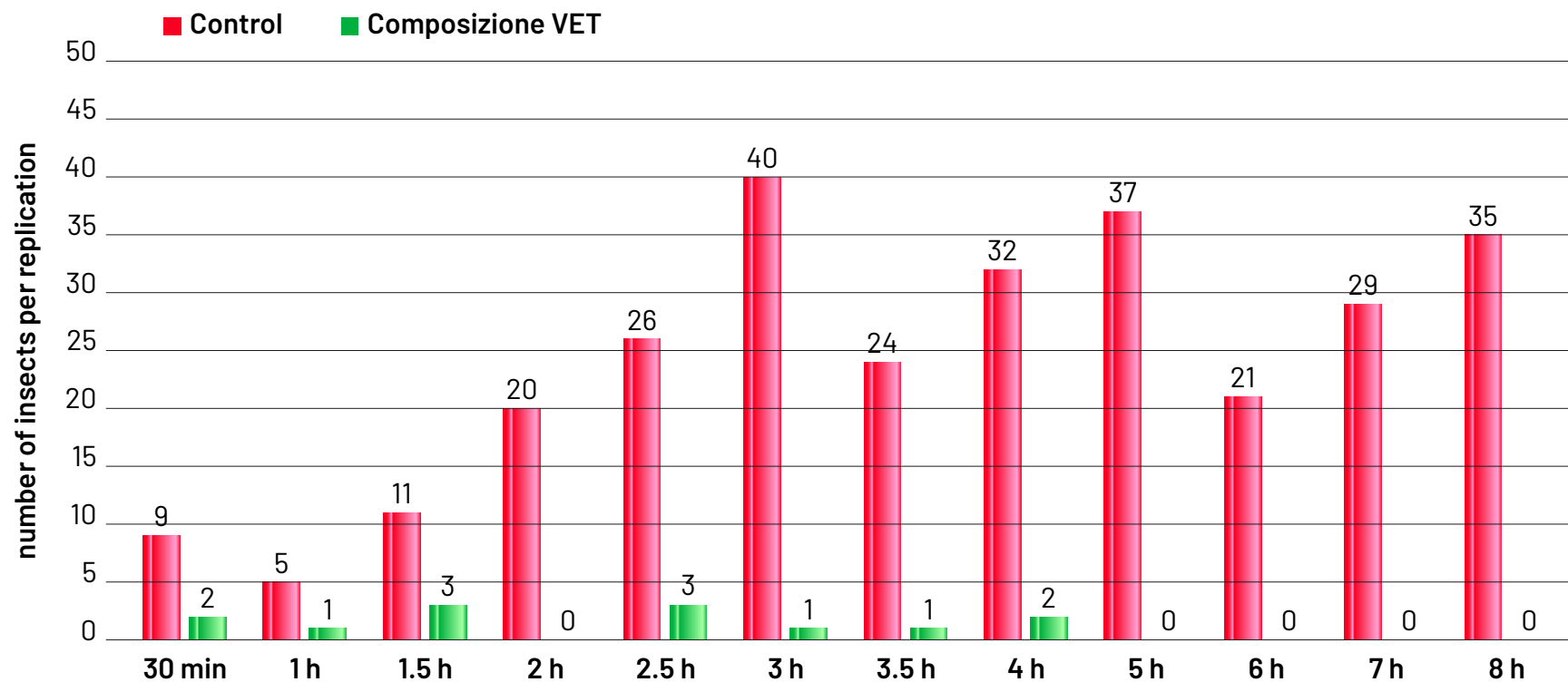
Number of ticks		<small>COMPOSIZIONE</small> VET	Negative Control	Positive Control
day 1	Tick 1	✓	✗	✓
	Tick 2	✓	✗	✓
	Tick 3	✓	✗	✓
after 3 days	Tick 1	✓	✗	✓
	Tick 2	✓	✗	✗
	Tick 3	✓	✗	✗
after 6 days	Tick 1	✓	✗	✗
	Tick 2	✓	✗	✗
	Tick 3	✓	✗	✓

Test in vitro

Efficacy Test in Keeping Flies Away

The test was performed in 65 liters plastic arenas covered with mosquito net. In each cage, 2 plastic cups, filled with 50 grams of bran, milk powder and water, were introduced:

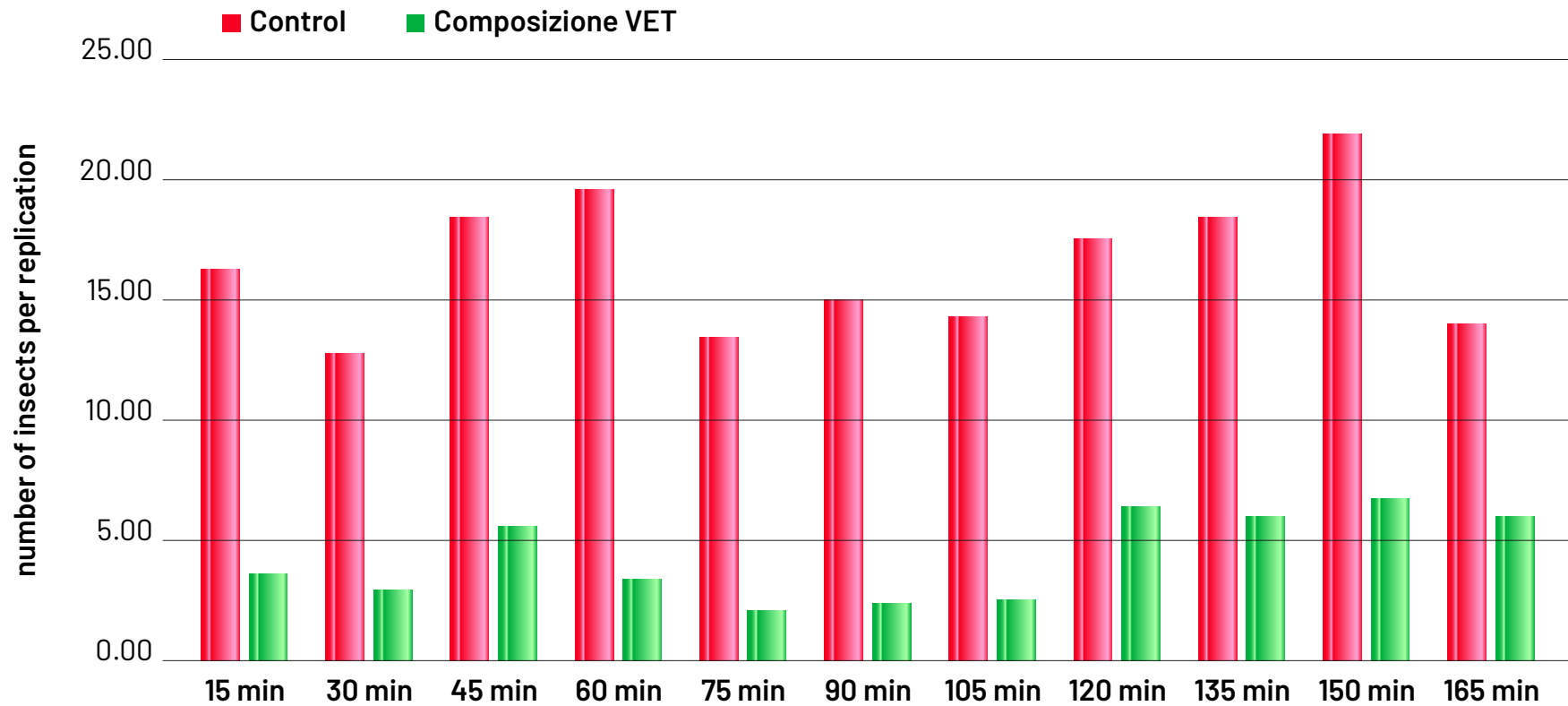
- one of the two cups was treated with **Composizione Vet Dermospray**
- the other was identical, but without Composizione Vet



Test in vitro

Disliked by Sandflies

A fabric was rolled around a lamp. In 5 repetitions of the test, the fabric was treated with **Composizione Vet Dermospray**, in another 5 only with water. The number of sandflies that landed each time was counted. The table shows the average of the 5 repetitions in both cases. Composizione Vet is definitely unwelcome to Phlebotoma.



Composizione Vet Dermospray

It is a product with different characteristics: soothing and moisturizing, adjuvant in the re-epithelialization process, unwelcome to insects. To date, there is no product on the market that is so effective in preventing and treating irritated and damaged animal skin.

Characteristics	<small>COMPOSIZIONE</small> VET	Product 1	Product 2
Soothing of itching	✓	✗	✓
Hydrating	✓	✗	✓
Supporting re-epithelialization	✓	✓	✓
Disliked by insects	✓	✓	✗
Disliked by insect for more than 48h*	✓	✗	✗
100% vegetable origin	✓	✓	✗
Without usage limits**	✓	✗	✓
Not unpleasant odor	✓	✗	✓
Quantity	150 ml	30 ml	100 ml
Price	29.90 €	28 €	29.80 €

*the product is disliked by insects even after 48 hours from the last application.

**the product can be used repeatedly, several times a day, every day, for long periods.

Test in vivo

In the months of June–July 2020, Dr. Livio Magni, Professor of Veterinary Sciences at the University of Pisa, conducted a series of clinical trials on horses at the Centro Equitazione Isola di Coltano (Pisa), together with Dr. Rinaldo Fusar Bassini, a Veterinary Doctor specializing in equidae.

5 animals with various skin problems were selected, including dermatosis, irritation, minor wounds, hypotrichosis, insect lesions, insect allergic reactions, as per the following list:

Rhombus, Selle Tedesco, 28 years old

- **Neck area:** Alopecia, self-induced excoriation, desquamation, chronic dermatitis, wound sores, eczema, skin erosion, noticeable thickening of insects. Composizione Vet Dermospray applied regularly on different areas, 3 times in 2 weeks for minor problems, up to 5 times in 10 days in more damaged areas. Four weeks after the start of treatment, the problem was deemed resolved.
- **Legs:** Mild hypotrichosis and initial phase of self-induced scratching lesions, alopecia, sero-haemorrhagic exudation from insect bites, abundant presence of insects on all areas. Composizione Vet Dermospray applied 4 times in 3 weeks. Four weeks after starting therapy, dry eschars, healing erythema, hypotrichosis, persistent removal of insects.
- **Eye:** Epiphora from probable conjunctivitis. Composizione Vet Dermospray applied only once. In 3 days, healing, I look normal.

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Kobalt, Sella Italiano, 30 years old

- **Tail junction area:** Diffuse multiple perianal melanoma, presence of ulcerated areas, skin lesion with chronic sore and ulcerated melanoma. Composizione Vet Derospray applied 5 times in 10 days. At four weeks: resolved ulcer, intact skin, resolution of skin erosions.

Mistral, Maremmano, 24 years old

- **Legs:** Mild self-induced hypotrichosis. Vet composition applied twice in 2 weeks. Four weeks after the start of therapy, the integumentary is normal. Absence of insects on the areas.

Pallino, donkey, 10 years old

- **Legs:** Excoriation injury attacked by flies on the right hind limb. Composizione Vet Derospray applied 3 times in 2 weeks. At four weeks: dry eschars, mild eczema, no attack by flies.

Calinda, Pony Shetland, 10 years old

- **Cheek:** Alopecia and deep self-induced excoriation, caused by summer dermatitis. Composizione Vet Derospray applied 5 times in 10 days, without further drugs and treatments. The problem was resolved after 2 weeks.

The results are illustrated on the following pages.

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**Rhombus, Sella Tedesco,
28 years old**

Neck, before treatment:

- alopecia
- self-induced escoriation
- desquamation
- chronic dermatitis
- wound sore
- eczema
- skin erosion



**Rhombus, Sella Tedesco,
28 years old**

After 5 treatments in 10 days:

- hypotricosis
- mild erythema
- alopecia
- cute erosion
- healed sore
- reepithelialization areas
- small escoriations



**Rhombus, Sella Tedesco,
28 years old**

After 30 days of treatment

(application of *Composizione Vet* Derospray once a week for the whole summer season):

- no issues recorded

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Rhombus, Sella Tedesco, 28 years old

Chest, before treatment:

- self-induced hypotrichosis
- presence of lots of insects



Rhombus, Sella Tedesco, 28 years old

After 3 applications over 7 days:

- mild hypotrichosis
- no insects present on the area

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Rhombus, Sella Tedesco, 28 years old
Eye, before treatment:
• epiphora from probable conjunctivitis



Rhombus, Sella Tedesco, 28 years old
After 3 days:
• healing, look normal

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**Rhombus, Sella Tedesco,
28 years old**

Leg, before treatment:

- Hypotrichosis
- Self-induced scratch lesions
- Serum-hemorrhagic exudate caused by insect bites
- Presence of many insects



**Rhombus, Sella Tedesco,
28 years old**

After 10 days (during treatment)



**Rhombus, Sella Tedesco,
28 years old**

After 20 days:

- Alopecia
- Crusty blisters (outcome of healing ulcers/skin erosions)
- Secondary dermatitis in the process of healing
- Persistent removal of all insects

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Kobalt, Sella Italiano, 30 years old

Tail, before-treatment:

- multiple, diffused perianal melanoma
- ulcers
- skin lesion with chronic sore
- ulcerated melanoma



Kobalt, Sella Italiano, 30 years old

After 4 weeks:

- melanoma with resolved ulcer
- intact skin
- resolution of ulcers and erosions

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Calinda, Pony Shetland, 4 years old

Cheek, before treatment:

- alopecia
- deep self-induced lesion



Calinda, Pony Shetland, 4 years old

After 5 applications over 10 days:

- hypotrichosis
- recovering eczema, superficial dermatosis

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Conclusions

After a month of regular applications, we can confirm that **Composizione Vet Dermospray** is an effective product in supporting the cell regeneration process and hair regrowth on a damaged skin area. In addition, Composizione Vet can be applied easily, as the product does not burn on damaged skin.

The clinical results therefore demonstrate what has already been confirmed by the in vitro tests performed. Even in the presence of summer dermatitis and other skin problems that cause itching and discomfort, **Composizione Vet Dermospray** has shown important soothing characteristics.

The strength of **Composizione Vet Dermospray** is that, despite being a product completely of vegetable origin, has a strong action of repellence towards insects, especially flies, which are the cause of various dermatological problems. The aforementioned action is immediate and has a significant persistence over time, which can be highlighted even several days after applying the product, provided that the treated surface remains dry. This, combined with the soothing and regenerating power, makes it **a unique product** of its kind.

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