Staldren® Green

Staldren® Green for horses

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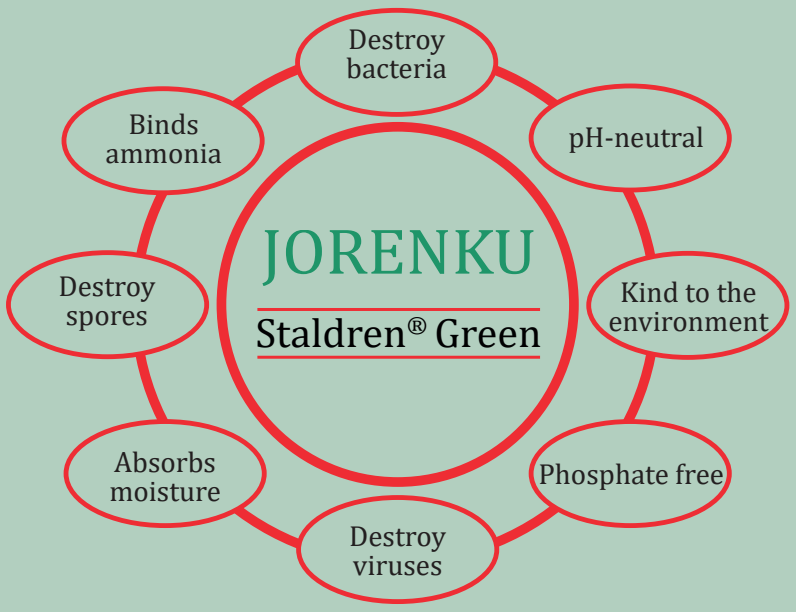
JORENKU Staldren® Green



Staldren® Green is a hygiene solution in powder form, which has a very broad effect against moisture, smell, bacteria and fungal spores.

- Staldren® Green may be used in organic farming.
- Staldren® Green is a Danish product tested by recognised international laboratories.
- Staldren® Green is kind to the environment, and has a well-documented effect on the most common bacteria and fungi spores such as E-coli, salmonella, Campylobacter (see documentation on page 5 and 6).
- Staldren® Green is phosphate free and pH-neutral, meaning that it does not dissolve or loosen floors or pens, nor does it dry out the animal's thin skin, which can be susceptible to abrasions and cuts, that can lead to bacterial infection and disease. There is no need to use gloves when working with Staldren® Green.
- Staldren® Green binds ammonia to such a level, that both humans and animals can stay in the stable without obnoxious smell or shortness of breath.
- Staldren® Green absorbs moisture and is particularly useful in high humidity.
- Staldren® Green disinfects and cleans the environment, reduces the level of infection, and therefore ensures healthier animals.
- Staldren® Green can be used for all animals and is necessary in professional organic farmers.

When using Staldren® Green continuously, the best results are achieved by reducing the level of infection and thereby create a healthy environment for the benefit of both animals and humans.

Staldren® Green raises a minimum of dust, is easy to spread and gives a pleasant smell in the stable.

Staldren® Green is available in bags of 10 kg, 15 kg and 25 kg, as well as on pallets with 10, 20, 40 or 66 bags.

JORENKU Staldren® Equipment

Staldren® Ladle

The Staldren® Ladle is for manual spreading of Staldren® Green on smaller areas. The ladle's flat underside makes it easy to shovel Staldren® Green directly from the bag. The double fixation of the handle makes it stable.

Staldren® Spreading Bucket

The Staldren® Spreading Bucket is for manual spreading of Staldren® Green. It can contain approx. 5 kg and is suited for smaller stables. From the nozzles you get a fine dosage by turning the bucket from side to side.

Staldren® Vink Spreader

The Staldren® Vink Spreader is a mill that can contain approx. 10 kg. The mill is powered by a battery-powered drill and carried around with a shoulder strap.

Staldren® Motor Blower

The Staldren® Motor Blower is petrol-powered, supplied with a regulator to control the amount of Staldren® Green, carried on the back and used for dry and wet disinfection. It is suitable for fog disinfection.

Staldren® Spreading Wagon

The Staldren® Spreading Wagon is a manually pushed battery-powered wagon. It contains 50 kg Staldren® Green. It is delivered complete with loading device.

Staldren® Projet

The Staldren® Projet is a spreader mounted on the back of a tractor. It consists of a painted steel frame and a polyethylene tank.

JORENKU Staldren® Green

Staldren® Green for horses

- Staldren® Green may be used in organic farming
- Staldren® Green reduces the cases of porous hooves
- Staldren® Green reduces thrush
- Staldren® Green reduces the bacteria level
- Staldren® Green reduces the fungi level

When using Staldren® Green for horses, the following is recommended:
Thrush is treated with Staldren® Green directly under the hooves.
You can also use Staldren® Green to prevent malanders by carfully rubbing the horse's legs when it comes from the fold.

After mucking out the box, add Staldren® Green all over the floor area with a handful (50-100g) per m^2 to ensure that the surface floor area dries out and the smell of ammonia is minimized. Cover the box floor with bedding material and add Staldren® Green along the edges, to ensure that the fly eggs and larvae will dry out. Apply Staldren® Green upon wet areas, where the bedding is changed 2-3 times a week, ensuring that Staldren® Green is spread along the edges of the box to maintain the drying effect on the eggs and fly larvae.
Staldren® Green is non-toxic for horses, so there is no harm in the horse eating straw with Staldren® Green on.

Cleaned foaling box: Add Staldren® Green on the entire floor area to ensure it is disinfected and then apply clean and fresh bedding. Finally add Staldren® Green on the whole area, so that the newborn foal is in an as clean environment as possible. This prevents infectious diseases for both the mare and the foal. The foaling box is treated as mentioned above after the foaling.

Staldren® Green on the job

AnalyCen

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Attachment 9 to certificate of analysis Test nr. DKE 016078-06 and 0074-06

Method:
4g Staldren® Green is dissolved in a 5 ml physiological Natrium Chloride solution. The solution of Staldren® Green and a control without Staldren® Green (9 ml. physiological saltwater) has been inoculated with each of 1 ml bacteria or fungus suspension. The mixtures are kept aerobt/anaerobt/mikroaerofilt depending on the atmospherically demands. The solutions are kept at room temperature. The amounts of bacteria are decided after 1 hour and 2 days.

Result	**Staldren® Green**		**Control without Staldren® Green**	
	1 hour	2 days	1 hour	2 days
E. coli 0157	<10 CFU/ml	<10 CFU/ml	140 Mio. CFU/ml	>200 Mio. CFU/ml
Aspergillus niger ATCC 16406	<100 CFU/ml	<100 CFU/ml	150.000 CFU/ml	500.000 CFU/ml
Clostridium perfringens ATCC 13124	<100 CFU/ml	<10 CFU/ml	20 Mio. CFU/ml	1,9 Mio. CFU/ml
Streptococcus uberis ATCC 9927	<10 CFU/ml	<10 CFU/ml	43 Mio. CFU/ml	1,9 Mio. CFU/ml
Salmonella typhimurium ATCC 25241	<10 CFU/ml	<10 CFU/ml	>10 Mia. CFU/ml	>1 Mia. CFU/ml
Staphylococcus aureus ATCC 25923	<10 CFU/ml	<10 CFU/ml	100 Mio. CFU/ml	1, 2 Mia. CFU/m
Streptococcus suis serovar nr. 7	<10 CFU/ml	10 CFU/ml	1.500 CFU/ml	6 Mio. CFU/ml
C ampylobacter jejuni ATCC 29428	<10 CFU/ml	<10 CFU/ml	6 Mio. CFU/ml	>10 Mio. CFU/ml
Klebsiella pneumoniae	40 CFU/ml	40 CFU/ml	4,2 Mio. CFU/ml	36 Mio. CFU/ml

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Test report

Method: Submersion – weighing before and after
Test date: 04-10-2013
Sampler: Ove Christoffersen (laboratory technician)

Ability to absorb:
A sample is taken by weighing. By extraction approx. 5g of Staldren® Green is weighed. The sample is submersed in water in a "tea bag". The sample has been in the water for 24 hours, after which it is hung for draining for 15 minutes. The sample is then weighed again. The absorbed weight is calculated by offsetting the amount of water in the bag and the weight of the bag is deducted.
The measurement has been performed three times.

Subject/test	Weight before submersion	Weight after submersion	% suction capability
Test 1	6.016 grams	20.951 grams	348 %
Test 2	5.099 grams	18.005 grams	353 %
Test 3	5.405 grams	18.952 grams	351 %

Conclusion:
Average of 3 measurements: the suction capability is approx. 3,5 times the net weight. The product absorbs a great deal of water.

GB/Staldren Green Horse/BRO/0526

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