

## REPELLO HORSE SPRAY TRIALS USING REPELLO EQUESTRI GUARD

::: Application Method ::: Standard, commercially available, garden sprayer or backpack sprayer.

Please see accompanying document for test results on Mites.

	Selfish (1)	Bells (2)	Robe (3)	Autumn (4)	Lady (5)	Stables	Flies & Mosquitoes on Horses
<b>DAY</b>	1	1	1	1	1	1	
<b>Quantity used</b>	1.2 litres	1 litre	1.2 litres	1 litre	1 litre	2.5 litres	
<b>COMMENTS</b>	Excessive ticks over entire horse. Please see picture 'Day 1' Sprayed horse from head to tail. Sprayed to drenching point. Horses showed signs of itching on the tail area caused by mites, and displayed this by rubbing against the stable walls.	Ticks over entire horse. Sprayed horse from head to tail. Sprayed to drenching point. Horses showed signs of itching on the tail area caused by mites, and displayed this by rubbing against stable walls.	Excessive ticks over entire horse. Sprayed horse from head to tail. Sprayed to drenching point. Horses showed signs of itching on the tail area caused by mites, and displayed this by rubbing against stable walls.	Ticks evident. Sprayed horse from head to tail. Sprayed to drenching point.	Ticks evident under tail and between legs. Ticks cannot be manually removed from these areas. Sprayed horse from behind head to tail, concentrating on the tail areas. Sprayed to drenching point.	Sprayed stable doors, windows, around troughs and areas were noticable. Immediately after spraying, the flies disappeared.	As it is not mosquito season there are few mosquito around. However, as far as midges and flies go, these disappeared immediately upon spraying.
<b>DAY</b>	2	2	2	2	2	2	
<b>Quantity used</b>	1.2 litres	1 litre	1.2 litres	1 litre	1 litre	0	
<b>COMMENTS</b>	Sprayed to drenching point. Ticks still very evident. Noticable lack of mite activity noticable by the horses no longer scratching or rubbing their tails and manes.	Sprayed to drenching point. Ticks still evident. Noticable lack of mite activity noticable by the horses no longer scratching or rubbing their tails and manes.	Sprayed to drenching point. Ticks still very evident. Noticable lack of mite activity noticable by the horses no longer scratching or rubbing their tails and manes.	Sprayed to drenching point. Ticks still evident. Noticable lack of mite activity noticable by the horses no longer scratching or rubbing their tails and manes.	Sprayed to drenching point. Ticks still very evident. Noticable lack of mite activity noticable by the horses no longer scratching or rubbing their tails and manes.	No spraying. No evidence of flies or other flying insects.	
<b>DAY</b>	3	3	3	3	3	3	
<b>Quantity used</b>	1.2 litres	1 litre	1.2 litres	1 litre	1 litre	0	
<b>COMMENTS</b>	Drenched horse from behind head to tail. Definate reduction of ticks noticed. See photo 'Day 3'. No signs of mites or skin irritation.	Drenched horse from behind head to tail. Definate reduction of ticks noticed. No signs of mites or skin irritation.	Drenched horse from behind head to tail. Slight reduction of ticks noticed. No signs of mites or skin irritation.	Drenched horse from behind head to tail. Major reduction in tick infestations and no signs of mites or skin irritations.	Drenched horse from behind head to tail. Major reduction in tick infestations and no signs of mites or skin irritations.	Checked for flies and other insects and witness only a few in the stable area and on the doors.	No evidence of flies, mosquitoes or midges on horses.
<b>DAY</b>	4	4	4	4	4	4	
<b>Quantity used</b>	1.2 litres	1 litre	1.2 litres	1 litre	1 litre	0	
<b>COMMENTS</b>	Drenched horse from behind head to tail. Very definate reduction in ticks. 70% eradicated. No noticable signs of skin irritation.	Drenched horse from behind head to tail. Very definate reduction in ticks. 90% eradicated. No noticable signs of skin irritation.	Drenched horse from behind head to tail. Very definate reduction in ticks. 60% eradicated. No noticable signs of skin irritation.	Drenched horse from behind head to tail. Very definate reduction in ticks. 95% eradicated. No noticable signs of skin irritation.	Drenched horse from behind head to tail. Very definate reduction in ticks. 70% eradicated. No noticable signs of skin irritation.	Checked stables and flies becoming more noticable and sitting on doors and feed troughs but not in excess.	No evidence of flies, mosquitoes or midges on horses.
<b>DAY</b>	5	5	5	5	5	5	
<b>Quantity used</b>	1.2 litres	1 litre	1.2 litres	1 litre	1 litre	2.5 litres	
<b>COMMENTS</b>	Drenched horse from behind head to tail. Tick infestation reduced by 75%. See photo 'Day 5'. No skin irritation noticed.	Drenched horse from behind head to tail. Tick infestation reduced by 95%. No skin irritation noticed.	Drenched horse from behind head to tail. Tick infestation reduced by 75%. No skin irritation noticed.	Drenched horse from behind head to tail. Tick infestation reduced by 95%. No skin irritation noticed.	Drenched horse from behind head to tail. Tick infestation reduced by 98%. No skin irritation noticed.	Flies once again noticable and sprayed doors, window frames and troughs once again. Flies disappeared upon spraying.	No evidence of flies, mosquitoes or midges on horses.
<b>DAY</b>	6	6	6	6	6	6	
<b>Quantity used</b>	0	0	0	0	0	0	0
<b>COMMENTS</b>	No spraying done. Ticks infestation continues to diminish. No signs of skin irritation.	No spraying done. Ticks infestation continues to diminish. No signs of skin irritation.	No spraying done. Ticks infestation continues to diminish. No signs of skin irritation.	No spraying done. Ticks infestation continues to diminish. No signs of skin irritation.	No spraying done. Ticks infestation continues to diminish. No signs of skin irritation.	No spraying. No evidence of flies or other flying insects.	No evidence of flies, mosquitoes or midges on horses.
<b>DAY</b>	7	7	7	7	7	7	
<b>Quantity used</b>	1.2 litres	1 litre	1.2 litres	1 litre	1 litre	0	
<b>COMMENTS</b>	Drenched horse with final application. Only 2 ticks found on horse. No skin irritation at all. Next spray to commence in 14 days time.	Drenched horse with final application. Only 4 ticks found on horse. No skin irritation at all. Next spray to commence in 14 days time.	Drenched horse with final application. Only 15 ticks found on horse. No skin irritation at all. Next spray to commence in 14 days time.	Drenched horse with final application. Zero ticks found on horse. No skin irritation at all. Next spray to commence in 14 days time.	Drenched horse with final application. Zero ticks found on horse. No skin irritation at all. Next spray to commence in 14 days time.	No spraying. No evidence of flies or other flying insects.	No evidence of flies, mosquitoes or midges on horses.
<b>DAY</b>	8-16	8-16	8-16	8-16	8-16	8-16	
<b>Quantity used</b>	0	0	0	0	0	0	0

<b>COMMENTS</b>	Small amount of ticks discovered but considered very few in comparison to the beginning of the trial. These were not evident until searched for. Noticed a slight flaking on chest but not to be concerned about.	Small amount of ticks discovered but considered very few in comparison to the beginning of the trial. These were not evident until searched for. Noticed a slight flaking on chest but not to be concerned about.	Small amount of ticks discovered but considered very few in comparison to the beginning of the trial. These were not evident until searched for. No flaking of skin or other skin irritation.	Small amount of ticks discovered but considered very few in comparison to the beginning of the trial. These were not evident until searched for. No flaking of skin or other skin irritation.	Small amount of ticks discovered but considered very few in comparison to the beginning of the trial. These were not evident until searched for. No flaking of skin or other skin irritation.	Very few flies around in comparison to the beginning of the trial. Please note that the horses bedding is 'deep litter' which is made up of dried out horses droppings	A few flies evident on horses but nothing to cause concern.
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**DAY** 17 17 17 17 17 17

<b>Quantity used</b>	1.2 litres	1 litre	1.2 litres	1 litre	1 litre	0	
<b>COMMENTS</b>	Small amount of ticks discovered but considered very few in comparison to the beginning of the trial. These were not evident until searched for. Reduced concentration to 4% to test if flaking would still occur.	Small amount of ticks discovered but considered very few in comparison to the beginning of the trial. These were not evident until searched for. Reduced concentration to 4% to test if flaking would still occur.	Small amount of ticks discovered but considered very few in comparison to the beginning of the trial. These were not evident until searched for.	Small amount of ticks discovered but considered very few in comparison to the beginning of the trial. These were not evident until searched for.	Small amount of ticks discovered but considered very few in comparison to the beginning of the trial. These were not evident until searched for.	No spraying. Still very few flies around in comparison to the beginning of the trial. Please note that the horses bedding is 'deep litter' which is made up of dried out horses droppings	Flies disappeared as soon as horses were sprayed.

**DAY** 18 18 18 18 18 18

<b>Quantity used</b>	0	0	0	0	0	0	0
<b>COMMENTS</b>	No spraying. A few ticks that were removed from the horses were lethargic with a few being dead and drying out.	No spraying. A few ticks that were removed from the horses were lethargic with a few being dead and drying out.	No spraying. A few ticks that were removed from the horses were lethargic with a few being dead and drying out.	No spraying. A few ticks that were removed from the horses were lethargic with a few being dead and drying out.	No spraying. A few ticks that were removed from the horses were lethargic with a few being dead and drying out.	No spraying. Still very few flies around in comparison to the beginning of the trial. Please note that the horses bedding is 'deep litter' which is made up of dried out horses droppings	No flies or midges evident around the horses.

**DAY** 19 19 19 19 19 19

<b>Quantity used</b>	0	0	0	0	0	0	0
<b>COMMENTS</b>	Very little evidence of ticks. Once again, there were a few, but they had to be searched for.	Very little evidence of ticks. Once again, there were a few, but they had to be searched for.	Very little evidence of ticks. Once again, there were a few, but they had to be searched for.	Very little evidence of ticks. Once again, there were a few, but they had to be searched for.	Very little evidence of ticks. Once again, there were a few, but they had to be searched for.	No spraying. Still very few flies around in comparison to the beginning of the trial. Please note that the horses bedding is 'deep litter' which is made up of dried out horses droppings	No flies or midges evident around the horses.

**DAY** 20-25 20-25 20-25 20-25 20-25 20-25

<b>Quantity used</b>	0	0	0	0	0	0	0
<b>COMMENTS</b>	No spraying. On examination of the horses, on a daily basis, there were a few ticks found but all the ticks were very lethargic with signs of dehydration.	No spraying. On examination of the horses, on a daily basis, there were a few ticks found but all the ticks were very lethargic with signs of dehydration.	No spraying. On examination of the horses, on a daily basis, there were a few ticks found but all the ticks were very lethargic with signs of dehydration.	No spraying. On examination of the horses, on a daily basis, there were a few ticks found but all the ticks were very lethargic with signs of dehydration.	No spraying. On examination of the horses, on a daily basis, there were a few ticks found but all the ticks were very lethargic with signs of dehydration.	No spraying. Very few flies around stables and horses.	No flies or midges evident around the horses.

**DAY** 26 26 26 26 26 26

<b>Quantity used</b>	1.2 litres	1 litre	1.2 litres	1 litre	1 litre	0	
<b>COMMENTS</b>	Ticks still very few and far between. Those that were found were dehydrated and very lethargic. Others were already shrivelled and dead.	Ticks still very few and far between. Those that were found were dehydrated and very lethargic. Others were already shrivelled and dead.	Ticks still very few and far between. Those that were found were dehydrated and very lethargic. Others were already shrivelled and dead.	Ticks still very few and far between. Those that were found were dehydrated and very lethargic. Others were already shrivelled and dead.	Ticks still very few and far between. Those that were found were dehydrated and very lethargic. Others were already shrivelled and dead.	No spraying. Very few flies around stables and horses.	No flies or midges evident around the horses.