

STALL GENIE PRACTICAL BARN TEST



A study was conducted in a 16 stall horse barn facility during December 2009 and January 2010 to determine the effects of Stall Genie on the production of ammonia gases.

THE TEST WAS CONDUCTED AS FOLLOWS:

1. Two stalls measuring 12 feet by 12 feet were utilized for the test in a 16 stall, well ventilated, barn. The base of the stalls is compacted dirt.
2. Two horses, a warm-blood gelding and a warm-blood stallion were used for the test.
3. Both horses were stabled at night and turned out to paddocks during the day. The average time the horses were stabled was 14 hours per day.
4. During the test period ammonia level readings were taken each morning after the horses were turned out.
5. Readings were established by utilizing the "pHydrion AMMONIA METER" manufactured by Micro Essential Laboratory. The test strip gives readings from 0 to 100 ppm of ammonia. The strip was used in accordance with the manufacturer's instructions and held approximately 12 inches from the wettest part of the stable floor for 15 seconds prior to cleaning.
6. In order to create a "Baseline" for the test the stalls were stripped of all bedding, cleaned and then fresh bedding applied (Without Stall Genie). The readings for the stalls without any bedding additive were between 50 and 100 ppm during a two day period.
7. After the initial two day "Naked" test the bedding was removed from each stall and approximately 8 oz of Stall Genie were sprinkled by hand on the area known to be the wettest part of the stall (Area of urination). The bedding was laid down and approximately 4 oz sprinkled on top of the bedding.
8. During the following seven days the wet bedding was removed each morning, replaced by fresh bedding and approximately 4 oz of Stall Genie sprinkled on top. The readings, prior to cleaning, during this period were consistently at 5 ppm or below.

NOTES:

9. Using Stall Genie is known to save one or more veterinarian visits per year. This one fact alone often pays for your Stall Genie product alone. Your horse will experience better health throughout the year in its cleaner living environment. It was observed that the amount of soiled bedding being removed each day, when Stall Genie was being utilized was approximately 50% less than without Stall Genie.
10. Based on the published maximum retail price of \$1.47 per lb and using 8lbs per month the monthly cost is under \$12 a month or \$.40 (forty cents) per day. This cost seems to be offset by the elimination of at least one vet visit per year. Not to mention the additional benefit of a healthy environment.