

## **ArenaKleen Dust Control Report**

### **The Problem**

There are an infinite number of equestrian footing materials and combinations of materials for riding rings. Wood products, crumb rubber, finely shredded leather, stone, dust, sand, etc have all been used and are currently being used. The common denominator is that they all break down. The common problem is that they start out good but quickly develop dust because the pounding of hoof action pulverizes the footing.

Dust is not just a nuisance or unsightly it is dangerous. The US Dept of Labor has some staggering statistics about the ill effects of dust and respiratory illness caused by it. Dust related diseases are incurable. These dust-induced diseases affect not only the riders but any spectators, and the horses as well. Horses have an incredible need for huge quantities of oxygen. A horse uses 3000% more air when working or performing than when at rest. This makes dust control critical in equine areas.

### **The Solution**

While there are many types of dust, all dust is the result of material becoming so finely pulverized or broken down that that it is light enough to become airborne and consequently inhaled. The easiest way to mitigate the problem is with the addition of liquid to weigh down the particles and prevent them from floating. While many products may work for a short time most "wear out" quickly requiring reapplication, which at the very least may happen at an inconvenient time so it doesn't get done when needed most. ArenaKleen saves the day in this respect because once enough of the product is in the soil it remains and does not wear out.

### **Do Not Water**

Once committed to using ArenaKleen you will never apply water to your riding ring again. The advantages of no water are many; consistent footing, no frozen ground during winter months, and no soft spots or mud. The advantages of no chlorides are many as well; **no chlorides to dry out the horse's hooves, damage tack, corrode equipment, or form clumps in the footing material and create crustiness and compacted spots.**

### **Summary**

ArenaKleen, while not inexpensive is probably the best overall arena conditioner/dust control product available. Over the long term it becomes very cost effective because **eventually very little "touch-up" is needed and then not very often.** Realize that riding rings need time to equilibrate or settle. The first few weeks may be incredible and then a little bit of dust begins to break out as the fines from underneath are churned

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up from the churning forces of hoof impact. Maintenance doses of ArenaKleen will take care of it and gradually less and less will be required as all of the footing to depth becomes treated.

Because ArenaKleen never dries up, never evaporates, never hardens, and does not wash away with rain it is ideal in outdoor riding rings as well. Even dusty parking areas can benefit from treatment.

**Over 80% of all "soundness" related injuries are a result of poor arenas** - Alan Donnell, D.V.M.

ArenaKleen improves the riding surface of the arena by reducing soil compaction.

Compared to adding rubber or synthetic materials to your arena, ArenaKleen is very cost effective. **ArenaKleen also keeps the footing material in place meaning that you'll be trucking in less "make-up material** from loss of fines in your footing and with continued use of ArenaKleen your footing will last longer.