




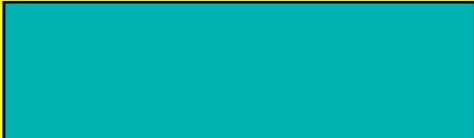






Color Indicator Study

PURPOSE

To determine if the loss of blue color on the hooves is linked with a loss of strength in the hoof bath solution.

Cow hooves were treated with a 2% **T-HEXX Dragonhyde HBC** solution. They were then put into a solution of dirt and manure (up to 25% in water) for indicated periods of time. The hooves were then challenged with common environmental organisms.

Microbial growth was observed specifically on the hoof surface which was reflected in the color of the hoof. Results were as follows:

<i>Each sample was tested against gram-positive, gram negative and T-mentogrophytes</i>	<i>Hoof bath color scale</i>
 0 hours, working at 100% strength	 <i>Excellent</i>
 12 hours, working at 80% strength	 <i>Good</i>
 24 hours, working at 50-80% strength	 <i>Poor, change the bath</i>
 48 hours, working at less than 50% strength	 <i>Very poor, change the bath</i>

CONCLUSION

After 24 hours of contact with dirt and manure (up to 25% in water), the blue coloring on the hooves began to fade which indicated a loss in strength against outside environmental influences.