

Notice:

A dirty hoof bath is not effective!! Completely change out solution every ~200 cows.

Hoof Bath Tips:

1. Hoof Bath's should be long enough for a cow to get all 4 hooves dunked without being able to jump over. 10 feet long is becoming the minimum.
2. How do I determine how many gallons of water my hoof bath holds? Multiply:
Length in feet X
Width in feet X
Depth in feet X 7.46
= Number of Gallons. To convert that to pounds of water, Multiply: Number of Gallons X 8.33 = Pounds of Water.
3. To find initial amount of Copper to add, Multiply:
Pounds of water X
0.05 = pounds of Copper Sulfate.

Effective Hoof Bath Solution

We all know how important a cow walking on a good set of feet and legs is to a dairy. Regular use of a proper hoof bath is one step in reducing lameness on your farm. A hoof bath is most effective for treating skin disease such as Digital Dermatitis, and Foot Rot. It won't reduce mechanical insults such as Whiteline Disease.

There are many hoof bath solution options. The most common solution we see and recommend is the use of Copper Sulfate, with an acidifier such as Sodium Bisulfate. Regardless of what solution you use, be sure to use it regularly. We recommend you use the hoof bath at least 3-4 times a week.

Mixing directions for a copper sulfate/ sodium bisulfate solution:

1. Add 4 inches of water to the bath.
2. Determine water capacity of hoof bath (instructions to the left).
3. Use 0.4lbs of Copper Sulfate per gallon of water and mix as well as possible. A typical hoof bath is 40 gallons = 16lbs of Copper Sulfate.
5. In a 40 gallon hoof bath, start by adding 1/3 cup of Sodium Bisulfate. Mix thoroughly with a rake/shovel. The water will most likely still be cloudy.
6. Add additional Sodium Bisulfate by the tablespoon until the

water becomes clear enough to see the bottom in a well lit area. It shouldn't take more than a few additional tablespoons.

When the solution is correct, the pH should be 3.6-3.8. We can help you determine actual pH with our pH meter. Thank you for reading our newsletter!

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