



3 Tier Technologies FAQ – LDM

Can LDM be applied when birds are already in the barn to control ammonia?

Yes, LDM is OMRI Organic Certified and is safe for use around birds. Spray one gallon of LDM concentrate per 1,000 square feet of barn space. Dilute the concentrated LDM at a rate of one gallon per six gallons of water and apply this solution with a backpack sprayer or similar equipment.

Should LDM be applied to clay/dirt floors prior to new shavings being added? If so, how much?

For best results with ammonia odor control, it is highly recommended the clay floors be sprayed with LDM prior to spreading any shavings. Spray 1/2 gallon of LDM concentrate per 1,000 square feet of barn space. First dilute the concentrated LDM per the instructions above and spray directly onto the clay floor.

If any standing water exists inside the barn should this be sprayed with LDM?

Yes, LDM is not only designed to reduce or eliminate ammonia odor but it also has the unique ability to increase the porosity of the clay floor, allowing standing water to dissipate faster. Spray the standing water at a rate of 1/2 gallon of LDM concentrate per 1,000 square feet, first diluting the concentrate as described above.

What happens if LDM freezes?

Freezing has no negative impact on LDM's performance in any way. Simply allow the frozen LDM to thaw completely and then thoroughly mix prior to application.

How many days before the introduction of the chicks should LDM be applied?

As soon as the birds from the previous flock are removed and the existing litter is de-caked then immediately apply LDM at a rate of one gallon of LDM concentrate per 1,000 square feet of barn space. Prepare the sprayed litter as you would normally, by first windrowing the litter. Roll the windrowed litter back out a day before chicks are introduced.

If shavings are added during the grow-out process should those be treated with LDM?

Ideally any time fresh shavings are introduced they should be sprayed at the same rate as indicated above. Since LDM is OMRI certified it is completely safe to be sprayed around the birds which were already introduced into the house.

What happens if LDM dries out on the shavings, will it still be effective?

LDM remains effective even when the litter is dry. Each time the litter is rehydrated it will continue to be effective in controlling ammonia odor. Prior to when the chicks are first introduced, the entire barn should be sprayed, not just the portion where the chicks may be initially introduced. Every Flock, Every House (The Entire House), Every Time!

