



Directions for Mixing and Administering 10,000 Dose NDV & IBD Water Vaccines

1. Drinking water for vaccination should be mixed with powdered milk to prevent possible inactivation from chlorine or other water additives. Do not use calf milk replacer, use powdered milk as sold in grocery stores.
2. Prepare a stock solution of vaccine by first adding 10 cups of water to a gallon jug, next add 1/2 teaspoonful of powdered milk, shake and then add one 10,000 dose vial of vaccine and shake.
3. Mixing:

Age of Birds	Volume of Stock Solution	Volume of Water	No. of Birds to be Vaccinated
2 to 4 weeks	2 cups	5 gal.*	2,000
4 to 8 weeks	1 cup	5 gal.*	1,000
over 8 weeks	1/2 cup	5 gal.*	500

*Containing 2 teaspoonfuls of powdered milk.

Please note that each cup of stock solution will vaccinate 1,000 birds.

4. Distribute diluted vaccine so that all birds are able to drink within a 1-hour period and do not add any more water until the vaccine is consumed. Avoid placing water in direct sunlight.
5. Water proportioners are not recommended for vaccinating. However, if used, one of the best procedures is to have a "trial run" the day before you vaccinate. After one hour, note the volume of stock solution that was dispensed. This volume of stock solution should be the volume of water you add the vaccine to when you vaccinate the next day. Be sure to follow the same procedures (time of day, environmental conditions, etc.) that you used in the "trial run".

One 13 oz. can of evaporated milk should be added to each gallon of stock solution for both the "trial run" and the actual vaccination. The milk in the "trial run" will help to neutralize contaminants, sanitizers, etc. in the water lines. The milk in the actual vaccine solution will help the livability of the vaccine virus.

[Innovative Solutions in Poultry Health]

