**ORAL VACCINATION**

**GOOD MANAGEMENT PRACTICES**

**PRE-VACCINATION**

*Routinely:*
- Chlorinate poultry drinking water and occasionally dose with PKA® to remove mineral and organic buildup

*72 hours pre-vac:*
- Provide a final pulse of PKA® to sanitize the drinking water system
- Clean organic matter from waterers and check to assure proper operation
- Wash vaccination equipment to remove residual acids, medications, sanitizers, and pathogens

*48 hours pre-vac:*
- Discontinue feed medications and water medications

*24 hours pre-vac:*
- Measure water intake by performing a test run at the same time of day as vaccination will occur
- Bypass any filters that would inactivate vaccine or expose it to trapped organic matter

**VACCINATION:**
- Withdraw water for 2 hours to induce thirst, attempt to have the birds thirsty enough to consume the vaccine in 2 hours
- Stabilize a 2 hour supply of cold water for the stock solution or tank solution with Vac-Pac Plus® at 1 pack per 1000 liters
- Remove vaccine from cold storage and mix with cool, stabilized stock solution
- Add the number of doses recommended by the vaccine manufacturer, then rinse the vial with stabilized water to recover all doses
- Fill the drinking water system to begin vaccinating, then confirm the appearance of the blue vaccine at the drinker
- Walk the birds to encourage all to drink, and occasionally stir the vaccine

**POST-VACCINATION**
- Flush the last doses of vaccine from the system by rinsing with Vac-Pac Plus® stabilizer at 1 pack per 1000 liters