***Sanitation And Isolation For Poultry***

**All diseases problems on poultry farm originated from 3 sources:-**

**1- new poultry brought to the farm there for (all in-all out) so important.**

**2-contaminated premises carried from previous flock.**

**3- lack of sanitation or relaxation of bio security during routine operation.**

***Why cleaning is important before sanitizing poultry house ?***

**Because cleaning lead to:**

**1-reduse total number of pathogenic organisms.**

**2-remove material that give refuge to pathogen .**

**3-expose all surface to air , light, disinfect and fumigant.**

**Steps of cleaning and disinfecting poultry house:**

**1-depopulation of poultry house and elimination of all yard birds outside the house.**

**2-clean the house from old feed even unused feed should not be hold from previous flock to next and clean feeder and waterers thoroughly with brush from feed.**

**3-take all equipment outside the house wash and disinfect, leave it in the sun while the house sanitize.**

**4-remove all litter to a remote part of the farm and composted.**

**5-clean ceiling and walls from dust and cobweb with water.**

**6-repiar all what need repair of building and equipment.**

**7- Clean exists, opening, doorway, feed room, under windows from outside and around the house.**

**8-wash floor, ceiling and walls with water thoroughly and for best result add detergent to wash water.**

**9-apply germicide – mix water soluble disinfect like (iodine, iodophore, chlorine, ammonium).**

**10-fumigation: close the building tightly down the temperature 70F then put the fumigant (35cc formaline+17.5g permanganate/100cubic feet of room space) in ceramic container, lock the house and let stand to 2-24 hours.**

**Isolation :-**

**1-isolate the poultry house by**

**a) In the same farm keep 50-100 feet each house from other.**

**b) Keep your farm far from public roads 1000 feet.**

**c) Keep separated tractor to each house if possible.**

**2-segregate the birds from:**

**a) Free flying birds**

**b) Eliminate yard birds**

**c) Never mix by age or species like turkey and chicken**

**3- Maintain bio security by:**

**a) Dispose dead bird thoroughly**

**b) All visitors, service personal, vaccination technicians must wear freshly cover all caps and sanitizing boots.**