



UNRAVELING THE MYSTERY OF CRAZY CHICK DISEASE: THE VITAMIN E DEFICIENCY PLAGUING POULTRY



If you've been around a poultry farm or perhaps know a poultry farmer, then the term crazy chick disease might sound familiar. But for the ones who might not know, this condition can be one of the most harrowing visuals to witness at a poultry farm. Imagine visiting your flock one day and there are birds with their head and neck twisted backwards accompanied by circling movements. It can be a nightmare for any poultry farmer. Before the farmer can figure out the solution it might be a little too late.

Efficient management of poultry flocks can be tricky as the young birds are particularly vulnerable to fatal disorders during the early weeks of their life. Quite often poultry farmers witness mortality in the flock even in the absence of any pathological disease outbreak which leaves them clueless about its cause and preventive actions. It is surprising to many that the clue to this puzzle lies in the magic of “**Vitamins**” and in the case of crazy chick disease, the key is Vitamin E.

Vitamin E plays a crucial role as an anti-oxidant preventing the oxidative damage of the cells in poultry while simultaneously supporting the development of the nervous system for proper coordination in movement. Vitamin E deficiency in chickens affects the brain, causing degeneration, oedema and haemorrhage, especially in the small brain (cerebellum). Affected young chicks appear unable to walk, they fall on their sides or stand with their heads between their legs. Adequate levels of vitamin E in the diet of chickens and their parent breeders is of prime importance.

But this is easier said than done as manoeuvring the dietary requirements of broilers can become tedious to include the essential nutrients which when deficient in the diet may lead to limitations in the growth and development of the birds. In such a case, the importance of vitamins may be overlooked. When utilized to their full potential the poultry farmer can simplify such a grave condition in a matter of time. Thus, employing the supplementation of vitamin E via diet is advised. Further, a natural source of Vitamin E shall have an edge over the synthetic counterpart in terms of better efficacy of use, storage and shelf-life.

So, the next time you think about ensuring the health of your birds don't forget to include Vitamin E for the bird's sanity!

The Brain-Bending Effects of Vitamin E Shortage in Poultry.

- Encephalomalacia
- Muscular dystrophy
- Exudative diathesis
- Incoordination
- Infertility

The Herbal key: Ayuvit E



A natural herbal source of Vitamin E has been proven to be fundamental in the prevention of deficiency diseases. The power of herbs like *Phyllanthus emblica*, *Moringa oleifera*, *Rosa canina*, *Linum usitatissimum* essentially boosts bioavailability of Vitamin E. It also contains soya lecithin which is a potent anti-oxidant and anti-inflammatory agent.

