

**For Effective
Control of**

E.Coli

Salmonella

CRD



**PRO
SHIELD**

**Revolutionary Formula
for Complete Protection**

The challenge faced in the Poultry farming community is the prevention of food & water borne pathogens, such as E Coli, Mycoplasma gallisepticum (causing CRD), Salmonella, Campylobacter spp and many others. In chicken flocks infection can arise from vertical transmission, horizontal transmission or replacements. Infection can also come from a variety of environmental sources such as water, wild birds, rodents, insects and other factors.

Programs such as sanitation and disinfections, vaccinations and other antibiotic programs have been instituted to minimize pathogens, yet their re-occurrence continues to haunt farm managers. The vast majority of drug-resistant organisms have instead emerged as a result of genetic changes. Antibiotic agents may increase the prevalence of resistant bacteria among both target pathogens and normal bacterial flora. Therefore, it is now vital to limit therapeutic antibiotic use in Poultry to those situations where they are needed and to shift to other emerging alternatives like Probiotics.

Towards this challenge we have developed products incorporating revolutionary Probiotics, unique Plant Enzymes and Vitamins with our proprietary MAXGENE Formula MGP 375, that can assist farm managers in their control programs. It helps to effectively control pathogens like E. coli, Salmonella, Campylobacter along with outbreak of CRD and creates a balance in the digestive system to ensure optimum health and productivity by way of Competitive Exclusion.

BENEFITS :

- * Plays significant role in diminishing the number of pathogenic bacteria such as *E.coli*, *Salmonella*, *Mycoplasma gallisepticum*, *Campylobacter*, *Shigella*, *Pastuerella*, *Coccidiosis*, *Coryza* and other putrefactive bacteria
- * Prevents outbreak of CRD and infectious *Coryza*
- * Assists in treatment of off feed / sick animals e.g. pneumonia, diarrhoea, shipping fever affected
- * Positive influence on intestinal and urogenital flora (antibiotics and radiation induced colitis, yeast infections)
- * Prevention and reduction of intestinal tract infections (bacteria or virus induced, *Candida enteritis*, *Helicobacter*)
- * Regulation of gut motility (constipation, irritable bowel syndrome) & maintenance of mucosal integrity
- * Suppresses neonatal scours and improves the growth of young & stressed animals
- * Strengthens helpful microbial populations and suppresses harmful bacterial growth in the digestive system
- * Counteracts ill effects of antibiotic treatment by sustaining the populations of good bacteria
- * Improves overall health and productivity
- * Maximizes production by stimulating appetite
- * Produces quality products

- * Gets new flock on to feed quickly
- * Can be incorporated into the feed ration or administered through water
- * Stable with an extensive shelf life of viable probiotic bacterial count of 100 Billion cfu per 100 g with no need for refrigeration

COMPOSITION :

- * Contains 12 Concentrated Probiotic Direct Fed Microbials :
[*Lactic Acid Bacillus (L. sporogenes)*, *L. acidophilus*, *Bacillus subtilis*, *Bacillus licheniformis*, *L. plantarum*, *L. bulgaricus*, *L. casei*, *Streptococcus faecium*, *Bifido bacterium*, *Aspergillus oryzae*, *Aspergillus niger*, *Saccharomyces cerevisiae*]
- * Enzymes (Protease, Amylase, Phytase, Xylanase and Betagluconase)
- * Vitamins (B1, B6 and Coated C)
- * MGP Formula 375

Each 100 g of PRO-SHIELD contains minimum viable count of 100 billion cfu

RECOMMENDED DOSAGE :

Prevention : 200 gm / ton of Feed | OR as advised
Treatment : 500 gm / ton of Feed | by Poultry Expert

MIXING GUIDE :

Prepare a premix by adding the recommended dosage of PROSHIELD in 5 kg feed. Mix this premix to the final quantity of feed.



**PRO
SHIELD**



Availability
500 g / 1Kg HDPE Jars

A Quality Product From

MAXGENE
POULTRY DIVISION

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