

Superior formulation:

- ✓ Highly concentrated formulation with low supplementation advantage.
- ✓ Micro-encapsulation for better heat tolerance and viability during pelleting operation.
- ✓ Feed premix inclusion of 10 gm per ton with lowest cost application benefit.

Recommendations:

AS FEED PREMIX/ADDITIVE IN PELLETS

- ✓ Control or prevention of pathogens to reduce disease incidences.
- ✓ Improves nutrient digestibility in poultry, aqua, dairy and swine.
- ✓ Increase egg production and quality.
- ✓ Improves the milk yield in dairy animals.
- ✓ Increase the growth rate and weight gain of ruminants, swine, aqua and poultry.
- ✓ Stimulates immune system.
- ✓ Improve the FCR growth.

Feed inclusion rate:

- ✓ 10-20 gm per ton of feed.

Storage conditions

Store in dry conditions, away from sunlight and temperature not exceeding 25°C.

Packaging

1 Kg Pack | 25 Kg Pack



Agrivet Division

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PROBICAP-4S

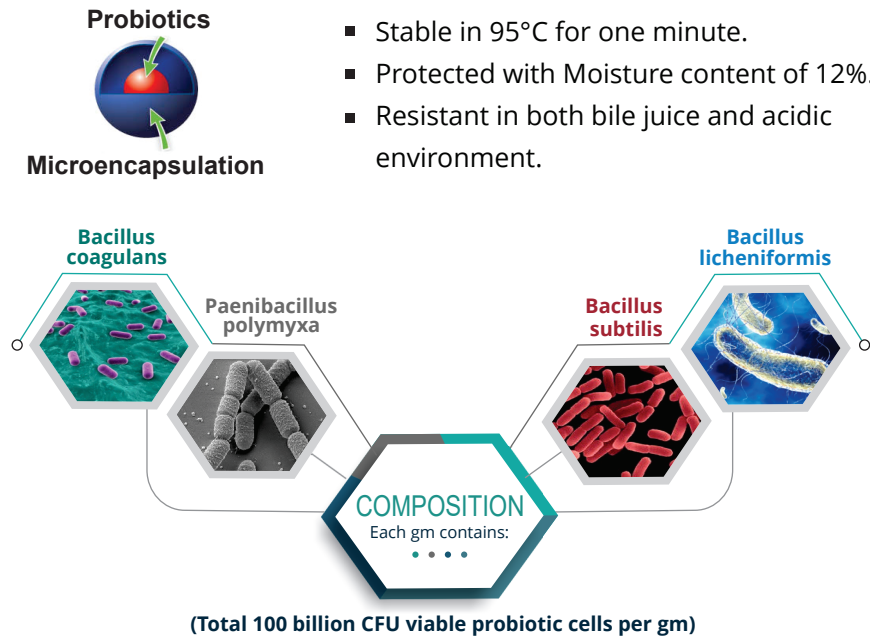
Unique Blend of Microencapsulated Bacillus Probiotics for Pellet and Crumble Feed



- ✓ Disease Prevention
- ✓ Improved Digestion
- ✓ Higher Growth And Production

PROBICAP-4S

Probicap 4S is a highly concentrated, high performance and most affordable microencapsulated probiotic formulation for pellet feed manufacturers. Probicap 4S provides prevention against bacterial, fungal and protozoal disease as well as strong immunomodulatory effect for poultry, swine and aqua species.

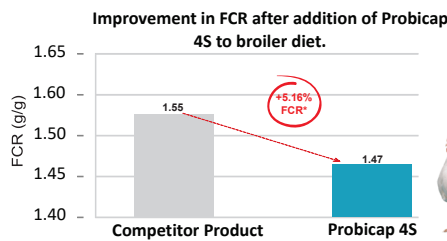


Exemplary performance

The comparative field trial data of Probicap 4S as generated from broiler farms in Haryana & Western UP (India)

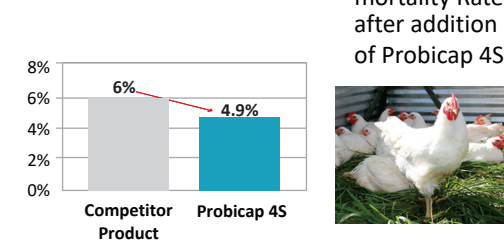
FCR

• Trial Duration: 35 Days



Mortality Rate.

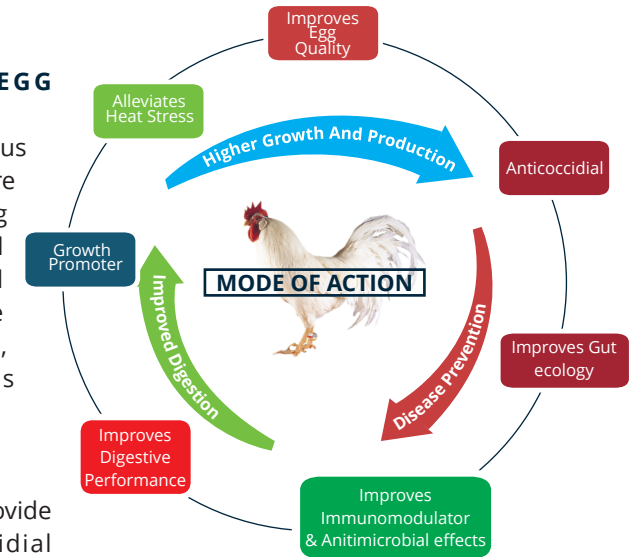
• Trial Duration: 35 Days



MODE OF ACTION

IMPROVES PRODUCTION AND EGG QUALITY

Probiotics like - Bacillus subtilis, Bacillus licheniformis and Bacillus coagulans are recommended for improvement in Egg production and quality (egg mass, shell thickness, yolk colour, yolk cholesterol etc.) is also improved with the supplementation of Bacillus subtilis, Bacillus licheniformis and Bacillus coagulans.



ANTICOCCIDIAL

The probiotics like- Bacillus subtilis provide antiprotozoal activity against coccidial infections.

IMPROVES IMMUNOMODULATOR EFFECT

Probiotics stimulate Leukocytes, T cells and Cytokines.

Humoral immunity is initiated by Bacillus subtilis. B. subtilis increases serum IgA, IgG, and IgM in broiler chickens.

ANTIBACTERIAL

Probicap 4s provides antibacterial action with the help of probiotics, like- Bacillus subtilis, Bacillus licheniformis and polmyxa. They produce bacteriocin, Lichenin, Lichenidin etc.) or organic acids to exert bactericidal action. They also act by competitive exclusion.

IMPROVES GUT ECOLOGY

Lactic acid bacteria and Bacillus species (Bacillus subtilis, Bacillus licheniformis and Bacillus coagulans) help in maintaining digestive system by increasing villus height in duodenum and ileum (prominent villus height, extended cell area and consistent cell

mitosis) to help in better nutrient availability and FCR.

IMPROVES DIGESTIVE PERFORMANCE

Probiotics improves digestion by releasing enzymes i.e. GGT, -Amylase, Arabinase, Cellulase, Dextranase, Glucanase, Maltase, Xylanase, Aminopeptidase, Esterase, Trypsin, Protease, Lipases, Nucleotidase.

GROWTH PROMOTERS

Probiotics is recommended as an alternative to antibiotics as prophylactic, therapeutic and growth-promoting agents in poultry production. Bacillus subtilis and Bacillus coagulans improves growth of broiler chickens.

ALLEVIATES HEAT STRESS

Probiotics enhance the antioxidant defense system in broiler chickens by activating key enzymes like superoxide dismutase (SOD), glutathione peroxidase and reduces heat stress in poultry.

Improved Digestion, Disease Prevention, Higher Growth And Production