

Bio-Control Agents for Agriculture & Poultry

- **TECHNOLOGY:** The present technology, EnSec – Enriched Secretome is based on a novel microbial strain that has been tested against economically important pathogens for agriculture (*Xanthomonas spp.* causing blight in Rice and Pomegranate) and poultry (*Salmonella spp.*, *Pasteurella multocida* and *Staphylococcus gallinarum*). Presently, microbial pathogens drastically affects productivity in both Agricultural & Poultry sectors and mostly synthetic chemical based or antibiotics for potential human usage are available as a remedy to address the problem. However, these are non-desirable with growing concerns of antimicrobial resistance and the introduction of synthetic chemicals in the food chain. Thus, nature-derived organic remedies are the potential alternatives to the existing solutions.
- **DOMAIN:** Agri Biotechnology
- **APPLICATIONS:** EnSec based formulation may be utilized for biocontrol of *bacterial blight (Xanthomonas spp.)* on cash crops. EnSec can also be formulated along with poultry feed as a probiotic growth stimulant or used as a stand alone solution during the infection
- **ADVANTAGES:** Organic alternative to synthetic chemicals. Overcomes the issue of antimicrobial resistance generation.

Contact us:

OFFICE OF TECHNOLOGY TRANSFER, CENTRE FOR CELLULAR AND MOLECULAR PLATFORMS (C-CAMP). GKVK POST, BELLARY ROAD,. BANGALORE 560065, INDIA.
EMAIL: OTT@CCAMP.RES.IN, PH: +918067185322