

## RESEARCH ARTICLE

# Scientific validation of organic liquid formulation-Jeevamruth by studying its characteristics

■ A.S. Goveanthan, M.P. Sugumaran and E. Somasundaram

### SUMMARY

Jeevamruth has its good role in vegetable foods in organic farming and Jeevamru this the fermented product which is used as plant growth enhancing substances prepared by the materials available with the farmers. They are the rich sources of beneficial microbial flora which supports, stimulates the plant growth and helps in getting better vegetative growth and also good quality yield. The prepared formulation was analysed in the GCMS to characterize the traditional formulations. The results revealed that various beneficial compounds were present in the formulations. The compounds present in the formulations are Isoenanthic acid, Columbianetin and Lomatin, 1, 6-Hexanediol, Mevastatin and Gitoxigenin, Dibutoxy anthracine, Erioflorin and nagilactone, Trimegestonea, Rofe Coxib, Clupanodonic acid. The composition of jeevamurth has many scientific components which helps in the plant metabolism and also improves its growth.

**Key Words :** Jeevamruth, Biochemical analysis, GCMS, Green revolution

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