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## **Innovative methods to develop new biofertilizers and bioorganic media with the growth of floriculture and vegetable crops**

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The green revolution brought a massive change in food chain production and their quality. The time is required to develop suitable methods, and formulations are required in the sector of floriculture crops specially cut flowers, ornamental nursery the traditional media is faced problem due to lower nutrients levels. The work was a plan to develop a growing biofertilizer that has a rich source of micro and micronutrients. The leaves and barks twigs, flowers of different herbal and medicinal plants with the isolation of different bioactive compounds the liquid isolation of compounds were collected. The proper mixing of N fixing bacteria in liquid with bioactive compounds the growth reagents was added that also collected in bioactive sources. The phosphate solubilizing bacteria was added in media. The media used as liquid and powered from the media little mixed in sand little clay, the organic media rich source of natural elements all minerals and nutrients are present in this media. It has a great capacity for growth and yield of vegetables, flowers and nursery plants. The biochemical properties of media were checked. The biofertilizer improves the yield, germination, resistance of initial plants. The liquid and powered from of biofertilizer applied in horticulture crops. It save seedling and better healthy nutrients, nontoxic free of chemicals, it has the potential to improve the signal pathways of plants improve yield and quality of cut flower, summer and winters vegetables. The initial trail applied in the growth stage and seed stages, in this biofertilizer the rising of summer and winter flowers nursery was better growing and health and resistance plant due to proper available of basic nutrients. The future of this fertilizer is bright for growers and farmers.

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