International Journal of Agricultural Sciences ☞DOI:10.15740/HAS/IJAS/21.1/125-127
Volume 21 | Issue 1 | January, 2025 | 125-127 ■ ISSN : 0973-130X Visit us : www.researchjournal.co.in

RESEARCH PAPER

Effect of biofertilizers *(Azotobacter* and *Azospirillum)* alone and in combination with reduced levels of nitrogen on post harvest quality of cauliflower Cv. Snowball-16

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Abstract : An experiment was conducted during *Rabi* season of 2004-05 involving three levels of nitrogen (0, 100 and 75% nitrogen) with four levels of biofertilizers (no inoculation, *Azospirillum, Azotobacter and Azotobacter + Azospirillum).* Out of the twelve treatment combinations the best treatment was 75 per cent nitrogen (120 kg ha-^{1}) + *Azotobacter* + *Azospirillum* which showed significant increase in ascorbic acid content in curd (87.00 mg/100g), total nitrogen content in plant (2.98%), protein content in curds (18.62%) and compactness of curd (97.39%).

Key Words : Biofertilizers, Nitrogen levels, Quality, Cauliflower

View Point Article : Sable, P.B. (2025). Effect of biofertilizers *(Azotobacter* and *Azospirillum)* alone and in combination with reduced levels of nitrogen on post harvest quality of cauliflower Cv. Snowball-16. *Internat. J. agric. Sci.*, **21** (1) : 125-127, **DOI:10.15740/HAS/IJAS/21.1/125-127.**

Article History : Received : 09.09.2024; **Revised :** 13.11.2024; **Accepted :** 16.12.2024