

## Rhizospheric bacteria of sugar cane from punjab

**Ruqia Suliman, Rukhsana Bajwa and Sadaf Zahid**

*Department of Mycology & Plant Pathology, University of the Punjab, Lahore.  
E-mail: ruqia19@yahoo.com*

### **Abstract**

In an ecological survey twenty-nine strains of bacteria were isolated from the Rhizosphere of sugarcane. Different varieties of sugar cane were collected from Bahawalnagar, Okara, Hujra shah Muqem, and Kasur, (Punjab). These were grown on Nitrogen free malate (NFM), Luria Beratani Agar (LBA), and Mannitol Agar (MA). They include eight isolates of genus *Pasteurella*, four isolates of *Klebsiella*, three isolates of *Burkholderia*, two isolates of each *Salmonella*, *Yersinia*, *Proteus*, *Serratia* and *Stenotrophomonas*, one isolate of each *Pantoea*, *Providencia*, *Escherichia*, *Ralstonia*, *Enterobacter* and *Shigella*. All these cultures are available in preserved form in repository of FCBP.

**Keywords:** Bacteria, Rhizospheric, Sugarcane, Punjab.