

## **Participative evaluation of bean lines *Phaseolus vulgaris* L. in the highland areas of Lara**

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### **Abstract**

The objective of this research was to evaluate promissory bean species in order to select lines resistant to Anthracnose with acceptable agronomic and market characteristic for farmers of highland areas (1300 m) in Lara state. Forty five lines of beans from CIAT, Cali, Colombia were tested. The experimental design was completely randomized blocks with two repetitions. The trial was managed under traditional cultivation methods, except that only two fungicide application were made, when normally in this area 6 to 8 applications occur during the cycle. An evaluation during pod fill-out phase was done with farmers taking part in the analysis in order to understand their selection and discard procedures. A total of eleven promissory lines were selected for the area, and the decisive criteria for selection were resistance to Anthracnose, market quality and yield.

**Key words:** Beans, participative evaluation, anthracnose, *Phaseolus vulgaris* L.

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