

## Field and postharvest evaluation of nine lettuce cultivars *Lactuca sativa* L.<sup>1</sup>

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### Abstract

Field experiments were performed in la Mesa de Esnujaque, Trujillo State-Venezuela. To evaluate 9 lettuce cultivars Floresta, XP12141, XP12142, Bayview, Raider, Regina and Great Lakes using a randomized complete block experimental design with three replications. Percentage of plants damaged by pest and/or disease, yield, head perimeter of the head lettuce cultivars and performances were studied. After harvest a selection of 24 head lettuce per cultivars, based on homogeneity of size and absence of mechanical damages were placed in two plastic baskets (60 cm long x 41 cm width x 30 cm deep) and storage into freezers at 10 °C for three weeks. The experiment was conducted under a randomized complete block design evaluating the weight loss, percent of darkness on the stem and its intensity degree. The result showed highly significant differences among cultivars being Bayview and Empire the best cultivars on both steps of assessment.

**Key word:** *Lactuca sativa* L., postharvest, refrigerated storage, cultivars.

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