ADAPTABILITY ASSESEMENT OF SIX HYBRID MAIZE VARIETIES IN VAN CHAN AND TRAM TAU DISTRICT, YEN BAI PROVINCE

Vu Van Dung, Pham Van Dan, Dam Quang Minh, Nguyen Huu Hieu, Nguyen Trung Viet, Nguyen Thi Phuong Lan

Summary

Research results of the adaptability to drought-tolerance of hybrid maize varieties: LVN146, LVN092, LVN152, VS71, LVN17, HT119 and control NK4300 in Van Chan and Tram Tau district, Yen Bai province in summer – autumn and autumn – winter in 2017 showed that: all tested varieties were healthy at all growth stages, good drought-tolerant properties, pest and disease resistance and high grain yields. The average yields of these varieties in two experimental sites were higher than the control variety NK4300. In Van Chan district the average grain yields of these varieties were high, however, only LVN092 (7.16 ton/ha) was significantly higher than the control NK4300 at 95% confidence level. In Tram Tau district yield of variety LVN17 was 7.22 tones/ha which was significantly higher than the control variety.

Keywords: Maize, drought tolerance, high yield.