

# **RESULTS OF BREEDING AND TESTING OF SINGLE MAIZE HYBRID QT68 IN THE NORTH CENTRAL PROVINCES**

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## **Summary**

The single maize hybrid QT68 was resulted from the hybrid combination D8 // D54 which is a tropical origin, studied and cultivated from Autumn-Winter crop 2012. QT68 has been put into national evaluation from Autumn-Winter crop 2018 to present. The growing time of Spring crop is 130-132 days, Autumn Winter crop is 115-118 days; Maize grain yield from 6.665 to 7.294 tons / ha (narrow area) and Maize grain yield from 6.82 to 9.56 tons/ha, average yield 7.995 tons / ha, surpassing the mass varieties (CP.333) by 9.8% (wide area); Biomass maize yield (stems, leaves, fresh corn) Average 56.37 tons / ha / crop; less susceptible to stem borer, minor infected by diseases: large leaf spot, dry sheath; Good anti-shedding, fairly drought-resistant, pretty cold-resistant; Appropriate planting of Spring and Autumn Winter crops; This is a promising variety in the North Central provinces.

**Keywords:** *Single hybrid maize QT68, medium-day, high-yield, North Central.*