

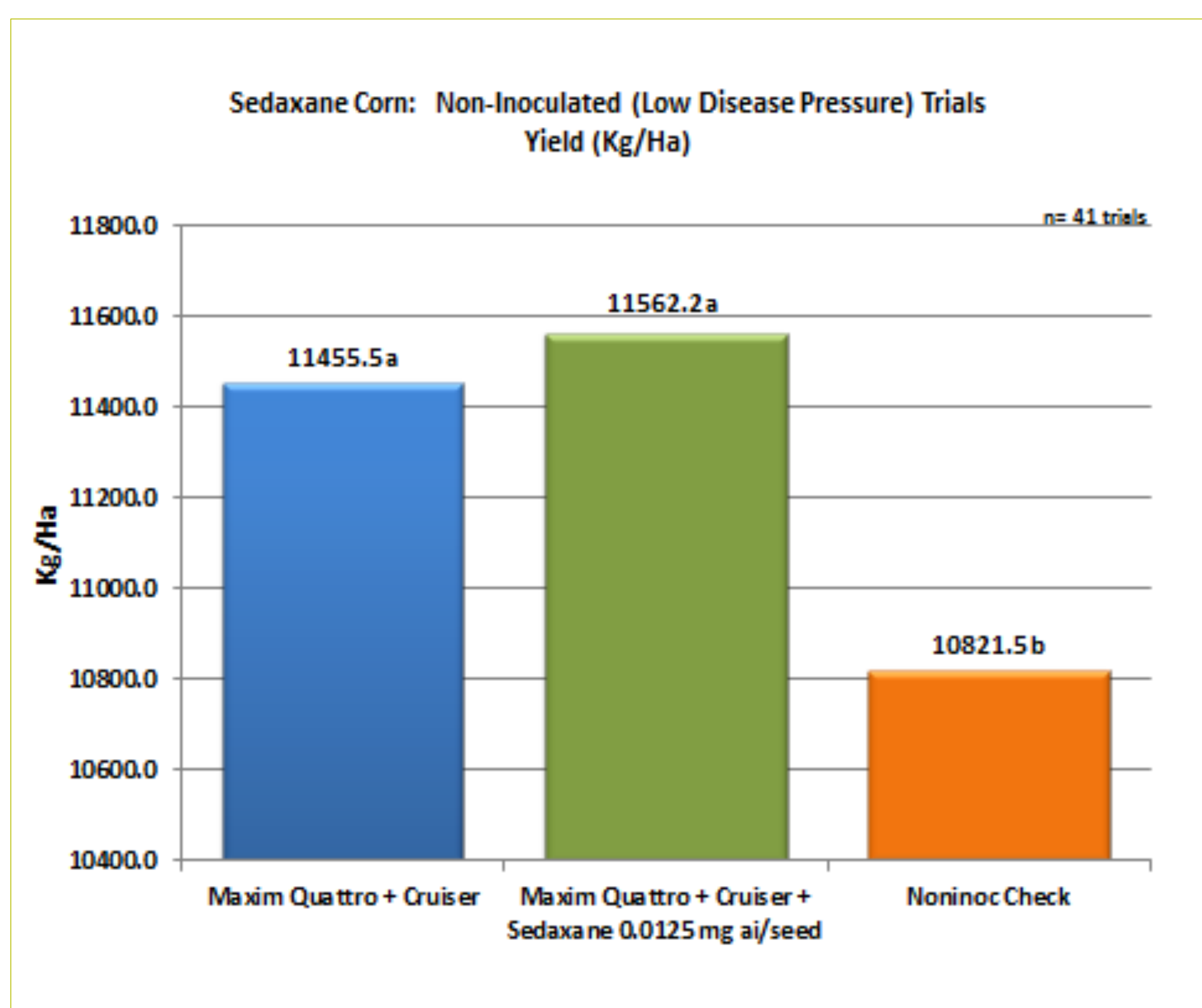
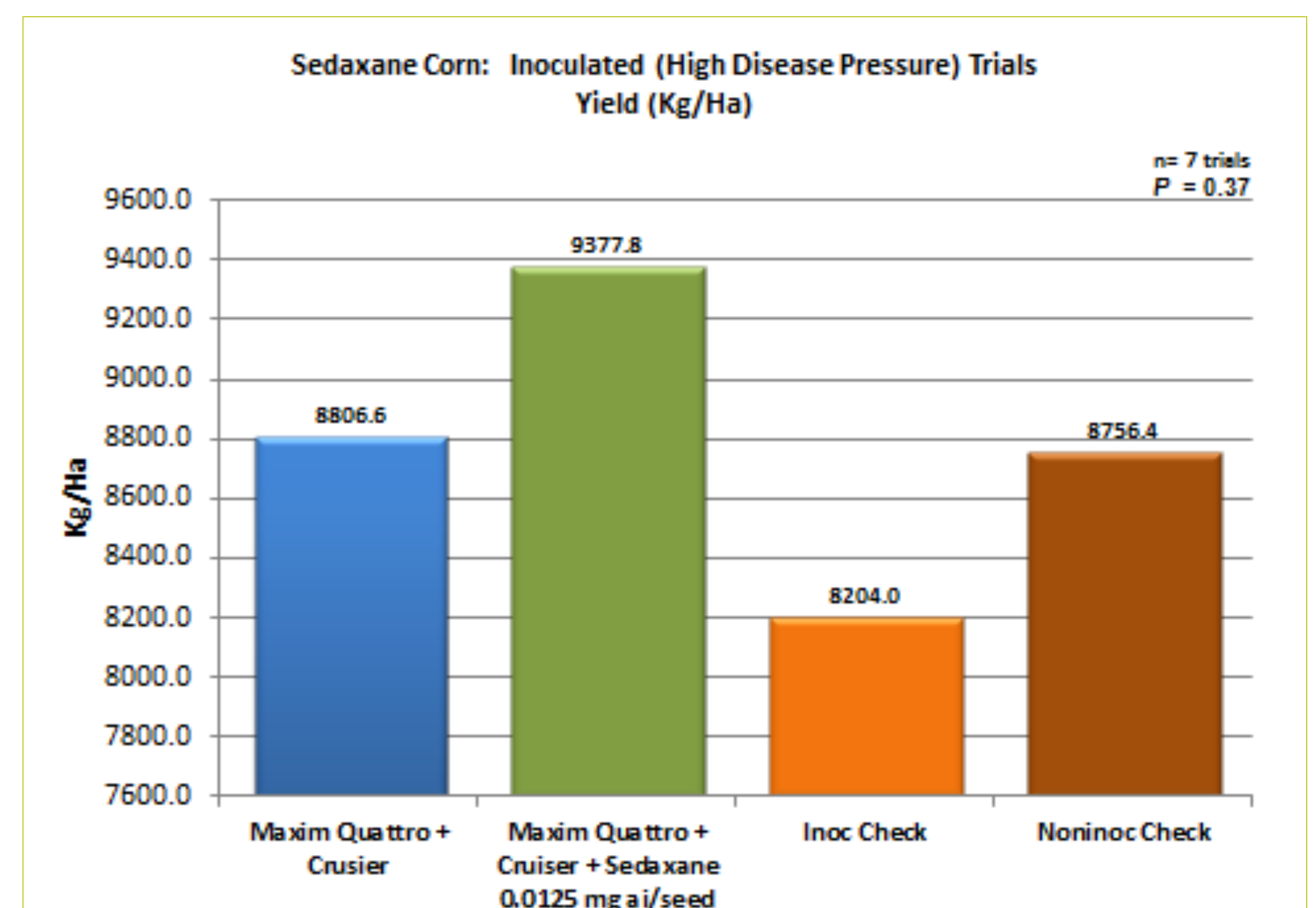
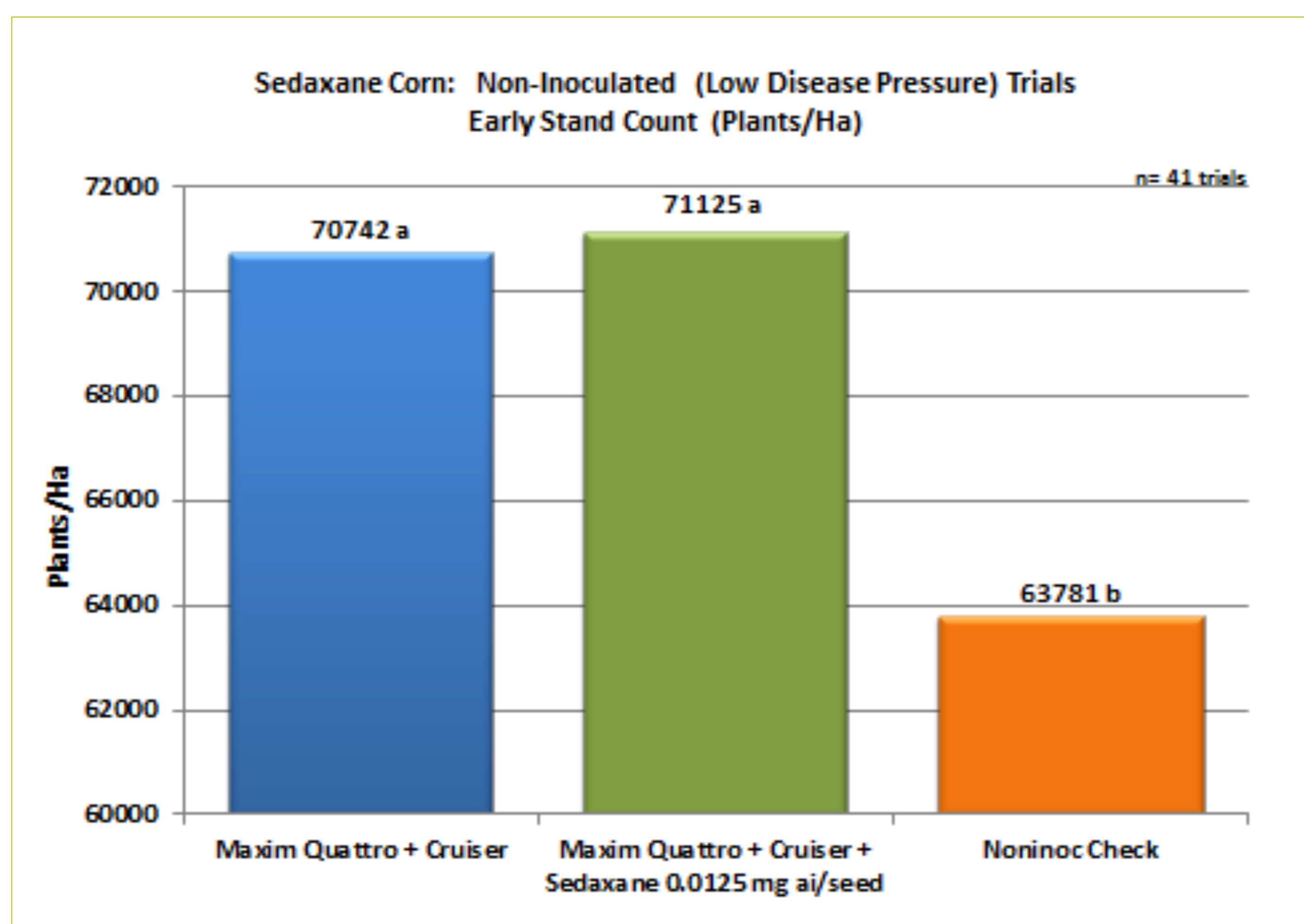
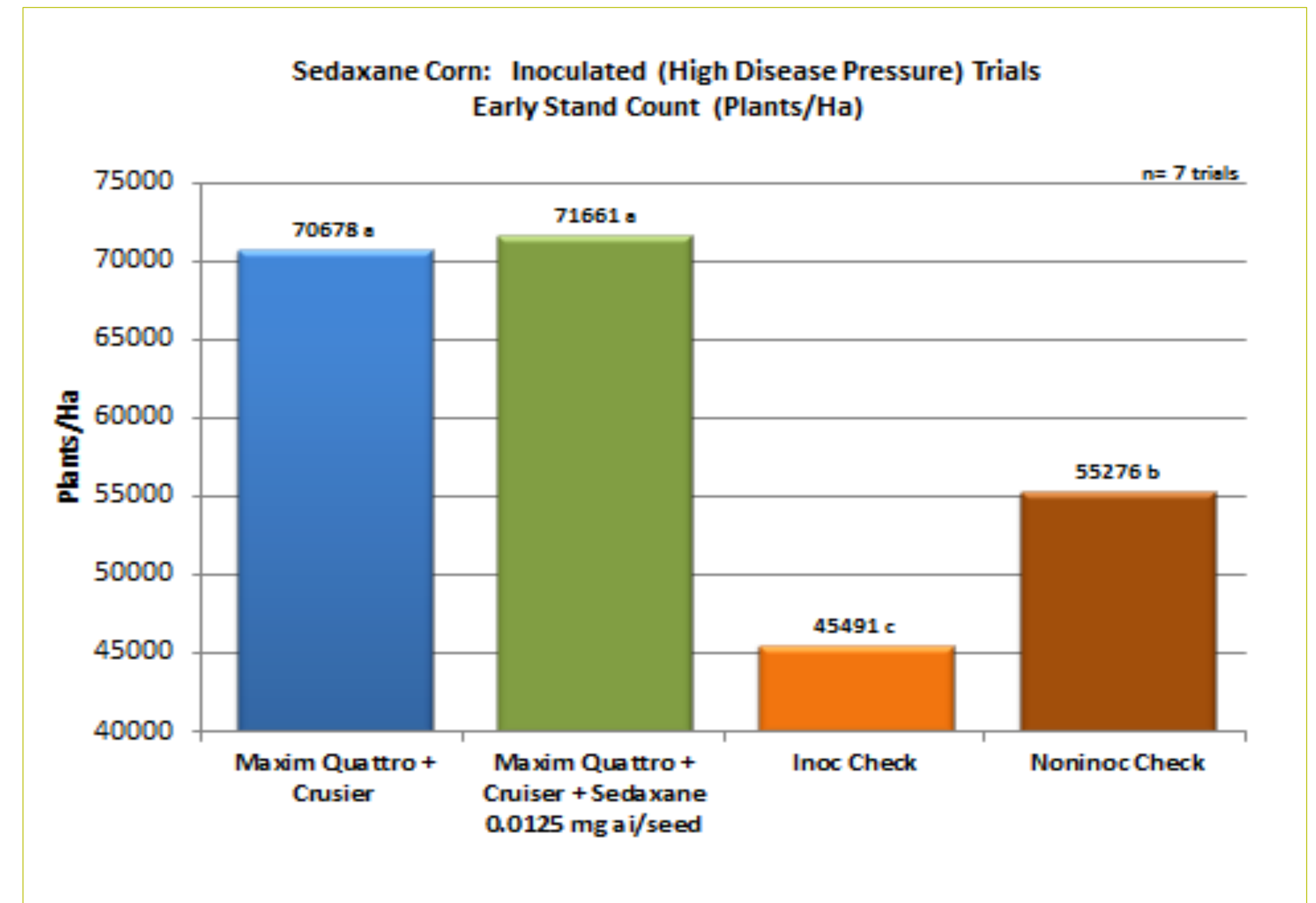
VIBRANCE[®]: Impact on Stand and Yield in Corn

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Introduction

VIBRANCE[®] (Sedaxane) is a seed treatment fungicide that provides excellent protection against certain soil-borne plant pathogens including *Rhizoctonia* species and seed-borne fungal pathogens. Trials were conducted across the Mid-Western United States to evaluate the impact of the addition of sedaxane to the current Syngenta Seedcare product offerings in corn, MAXIM[®] QUATTRO and CRUISER[®]. Plant stand and corn yields were evaluated in non-inoculated trials (low disease pressure) or trials inoculated (high disease pressure) with *Rhizoctonia* spp.



Results

In non-inoculated trials, all fungicide seed treatments had significantly higher stand counts and yields compared to the check. The sedaxane treatment (0.0125 mg ai/seed or 5 g ai/100 kg) had numerically higher plant stands and higher yields compared to MAXIM[®] QUATTRO.

In inoculated trials, all fungicide seed treatments resulted in significantly higher stand counts compared to the inoculated and non-inoculated check. The sedaxane treatment (MAXIM[®] QUATTRO + CRUISER[®] + Sedaxane) resulted in the highest numerical yields (571.2 kg/ha) compared to the current corn seed treatment (MAXIM[®] QUATTRO + CRUISER[®]).