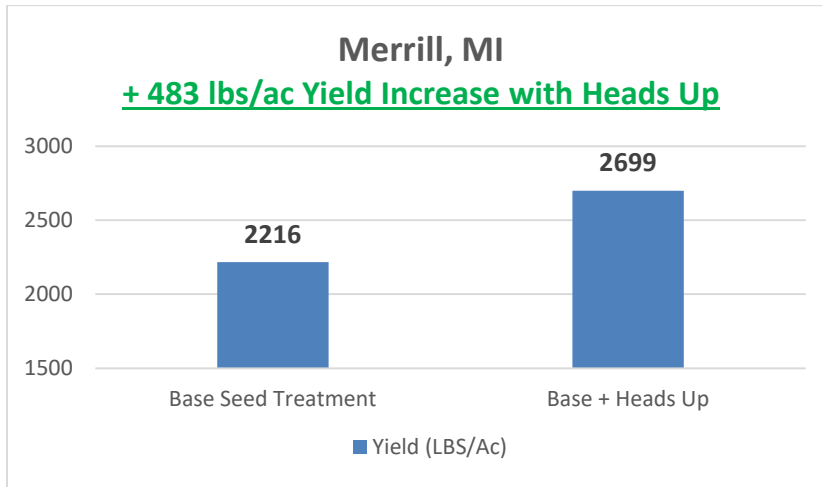




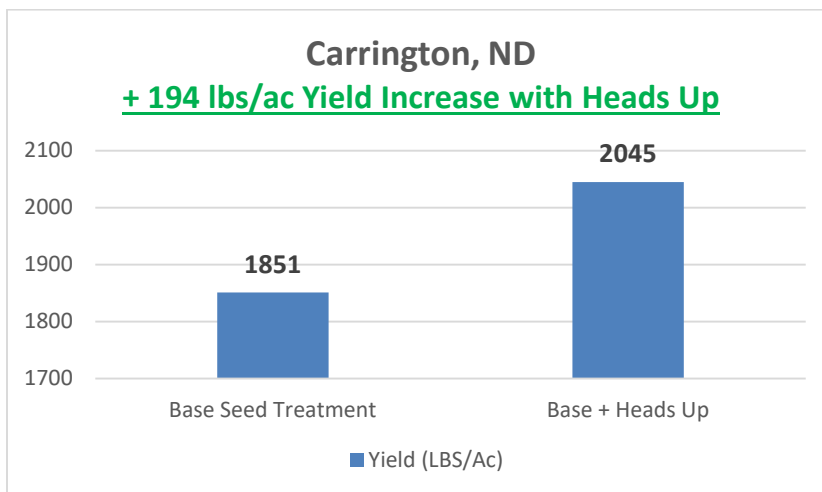
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Heads Up® Seed Treatment – 2019 Dry Bean Trials



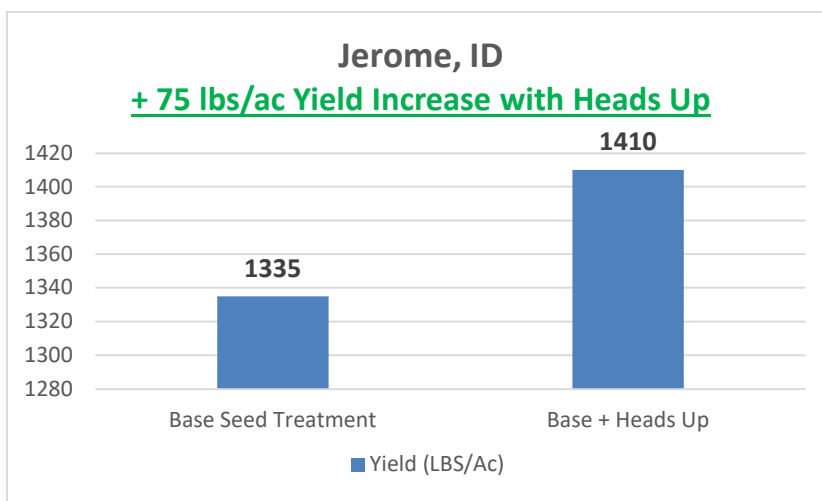
STUDY DETAILS

Location: Merrill, MI
Elevation: 660
Current Crop: Dry Beans, Navy
Previous Crop: Continuous Beans
Plot Size: 6' x 25', 4 reps, Harvest 3'x15'
Planting: 6/17/2019 – Late
Maintenance: 16oz Basagran, 4oz raptor, 8oz reflex, 12oz select max, 1% crop oil, 2lbs AMS, 9oz asana
Late Season: 70-75lbs N as Urea white mold & insect control sprayed at full bloom



STUDY DETAILS

Location: Carrington, ND – NDSU Research Station
Elevation: 1,562
Current Crop: Dry Beans, DRK
Previous Crop: Spring Wheat
Plot Size: 5' x 30', 5 reps
Planting: 5/17/2019
Inoculum: Plots inoculated in-furrow with Rhizoctonia/Fusarium-infested proso millet and wheat, and Pythium-infested sorghum

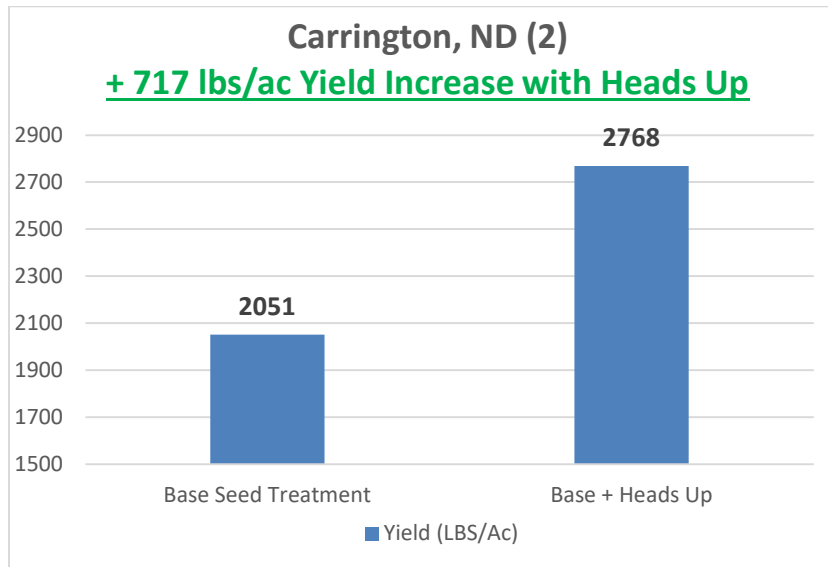


STUDY DETAILS

Location: Jerome, ID
Elevation: 3,672
Current Crop: Dry Beans, Cranberry
Previous Crop: Spring Wheat
Plot Size: 5' x 30', 4 reps
Planting: 6/11/2019



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STUDY DETAILS

Location: Carrington, ND

Elevation: 1562

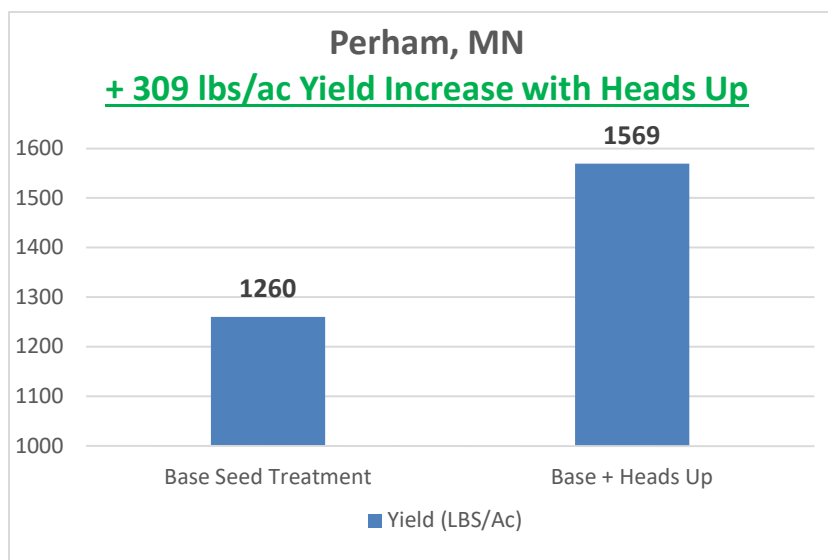
Current Crop: Dry Beans, DRK

Previous Crop: Spring Wheat

Plot Size: 5' x 30', 5 reps

Planting: 5/17/2019

Inoculum: Plots inoculated in-furrow with Rhizoctonia/Fusarium-infested proso millet and wheat, and Pythium-infested sorghum



STUDY DETAILS

Location: Perham, MN

Elevation: 1390

Current Crop: Dry Beans, Montcalm dark red kidney

Previous Crop: 18 – corn (potato, corn, bean)

Plot Size: 120' x 300', 6 reps

Planting: 5/30/2019

Data adapted from The McGregor Company 2019 Research Compendium