

Fertilization

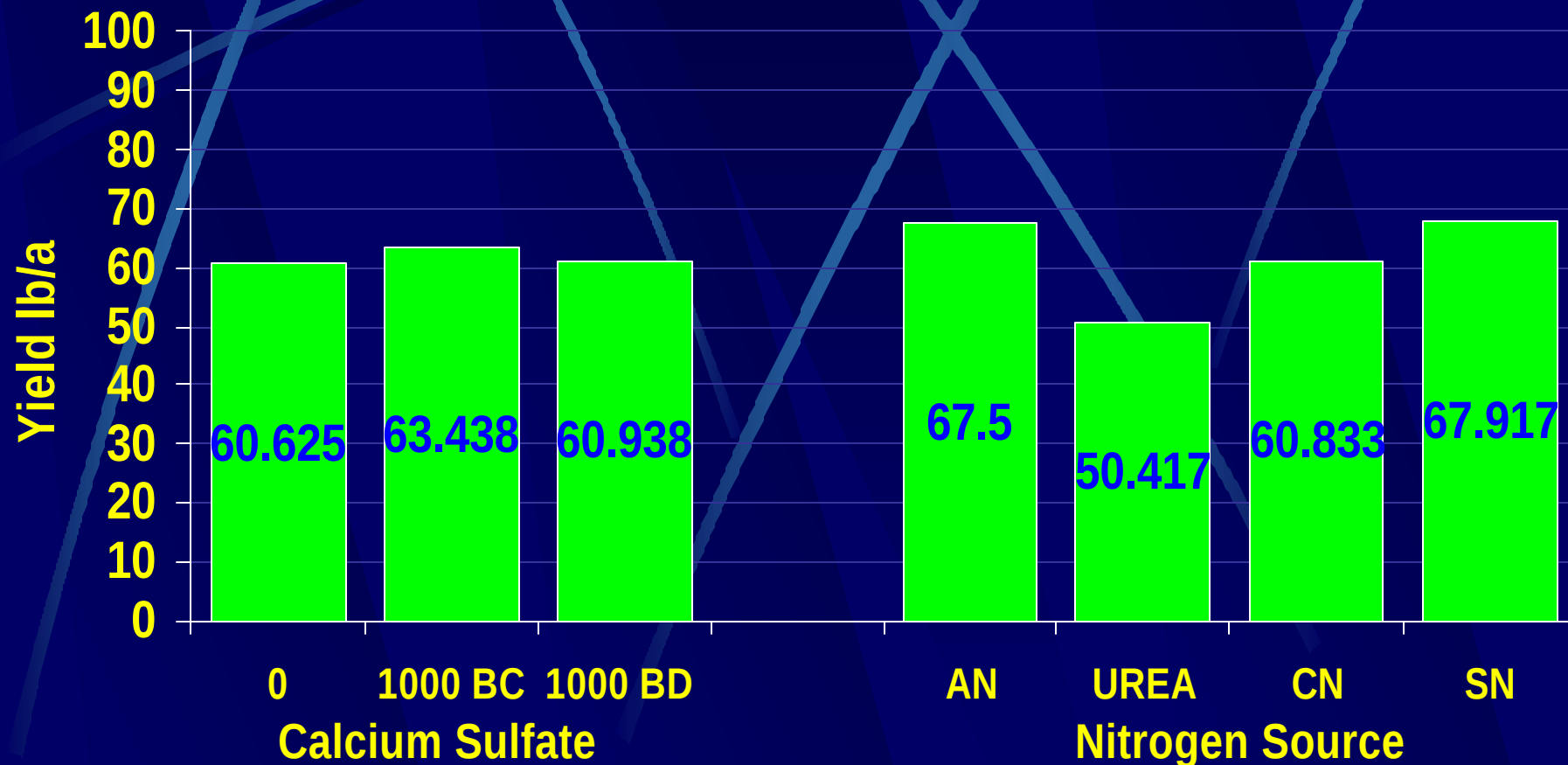
A nitrogen source study in Harrison Co. revealed that urea performed poorer than other sources as has been seen in other trials.

Transplant water trials revealed that fertilization results at transplanting are highly variable.

The use of 15-0-14 produced yields as high as farmer practices and ammonium nitrate or better.

Influence of Fertilizations on Vigor

Harrison Co. – Keith Smith Farm



BC=Broadcast, BD= Banded

150 units broadcast/100 sidedressed

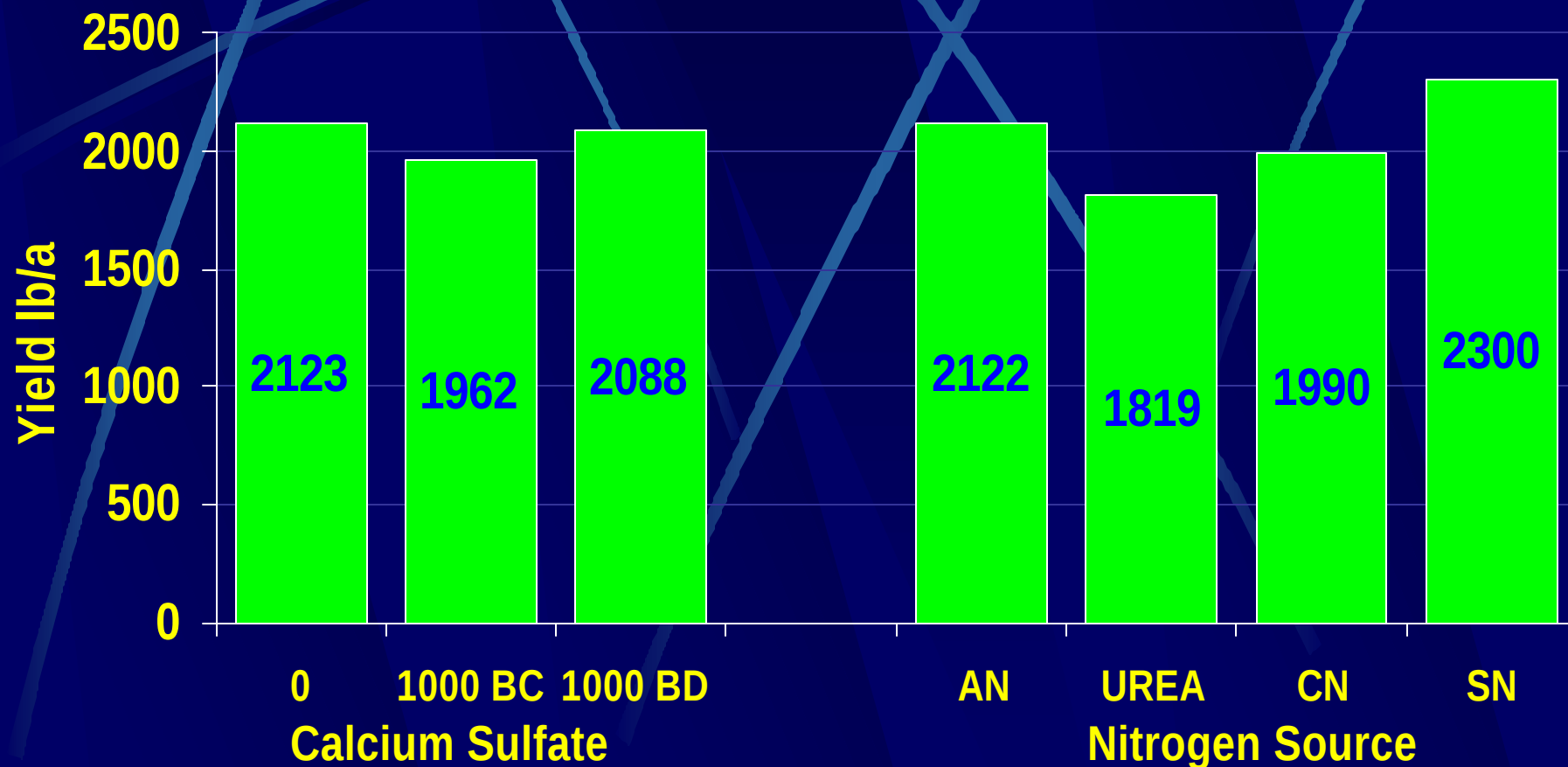
A=Ammonium, C=Calcium, S=Sodium, N=Nitrate

HSD 0.05 = 22.08

20.97

Fertilizations Trials

Harrison Co. – Keith Smith Farm



BC=Broadcast, BD= Banded

150 units broadcast/100 sidedressed

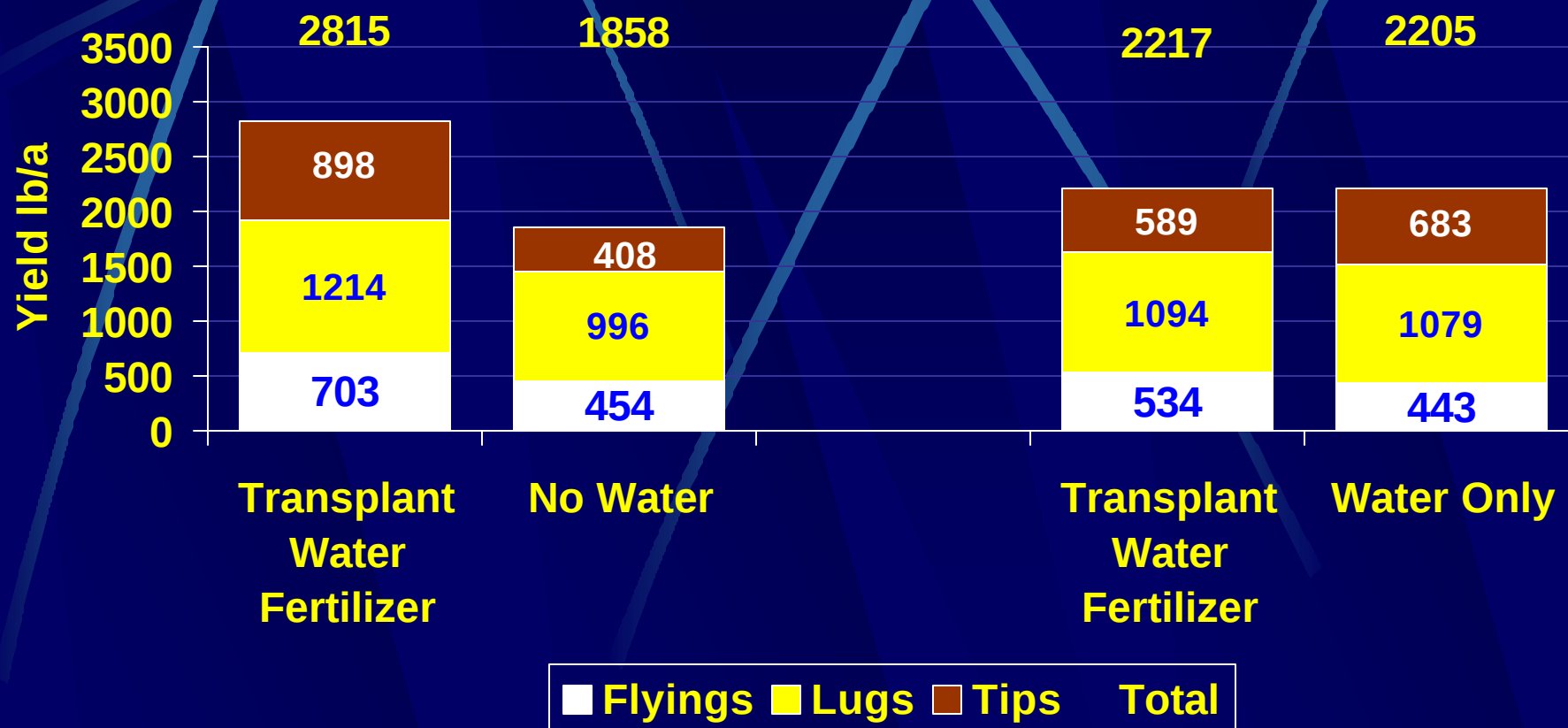
A=Ammonium, C=Calcium, S=Sodium, N=Nitrate

HSD 0.05 = 542

813

Transplant Water Fertilizations Trials

Lincoln Co. – Buddy and Morgan Pence Farm



HSD 0.05 = 267 903 213 628

169 331 245 327

Effects of Fertilization on Yield

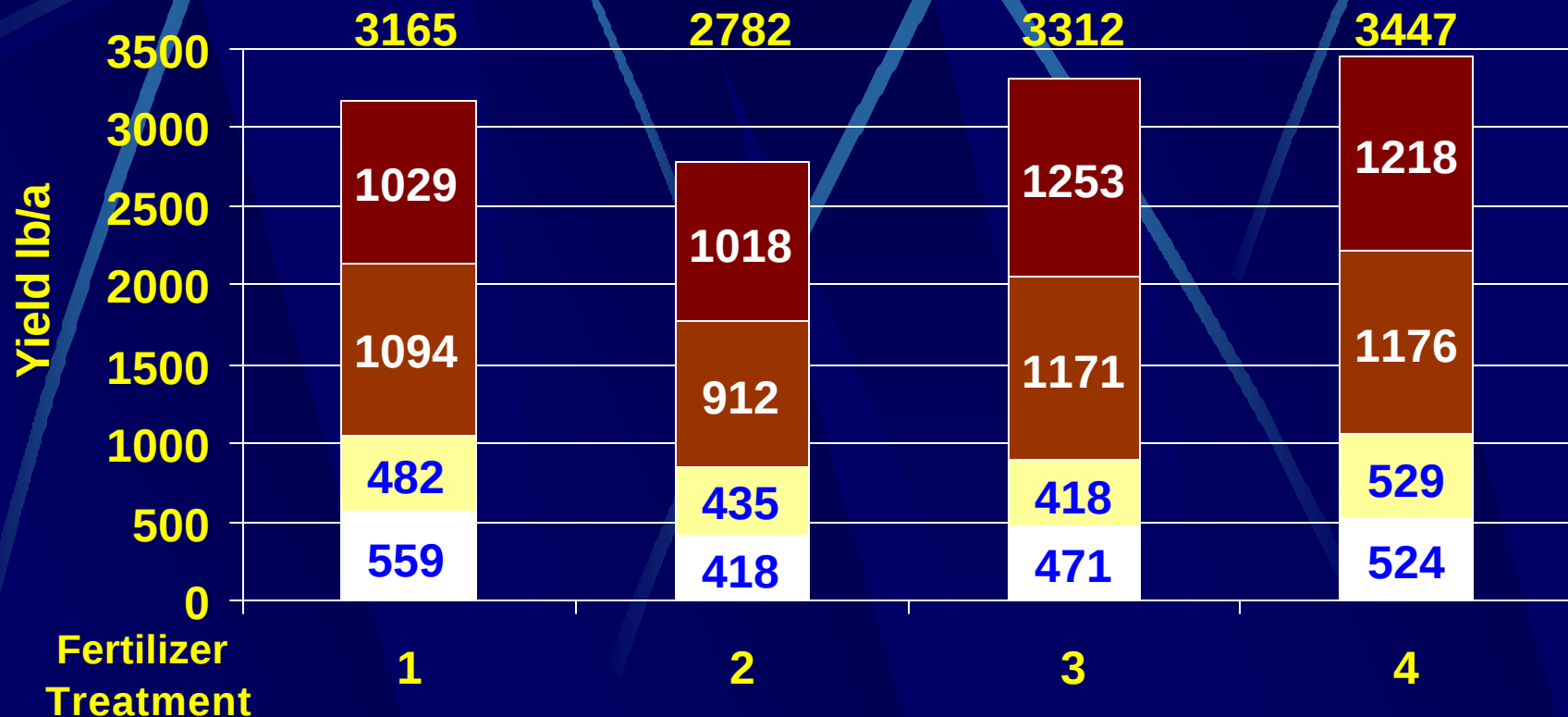
Jessamine Co. – Billy June Warner Farm



1=1100 lb 9-18-27(BC)+300 AN(SD) 2=1100 lb 9-18-27 (BC) +500 15-014 (SD) 3=360 lb 14-20-20(BC)+267 27-0-15(1SD)+267 15-014(2SD) 4=535 lb 14-20-20(BC)+450 27-0-15(1SD)+450 15-014(2SD)

Effects of Fertilization on Yield

Christian Co. – Bruce Cline Farm



1=650 lb/a 18-46-0 + 50 gal 32% Liquid Nitrogen 2= 650 lb/a 18-46-0 + 667lb 15-0-14(SD)

3=450lb 34-0-0(BC)+667lb 15-0-14(SD) 4=450lb 34-0-0(BC)+300 34-0-0(SD)

HSD 0.05 = 183 193 216 120 362