

MYCONATE PERFORMANCE

CEREALS & ALFALFA:

Wheat & Barley

Influence of Myconate on Winter Wheat Growth and Yield

Treatments: 4+

- Myconate
- Dividend Extreme
- Myconate + Dividend Extreme
- Untreated Control

[Myconate Rate: 20 grams a.i./acre]



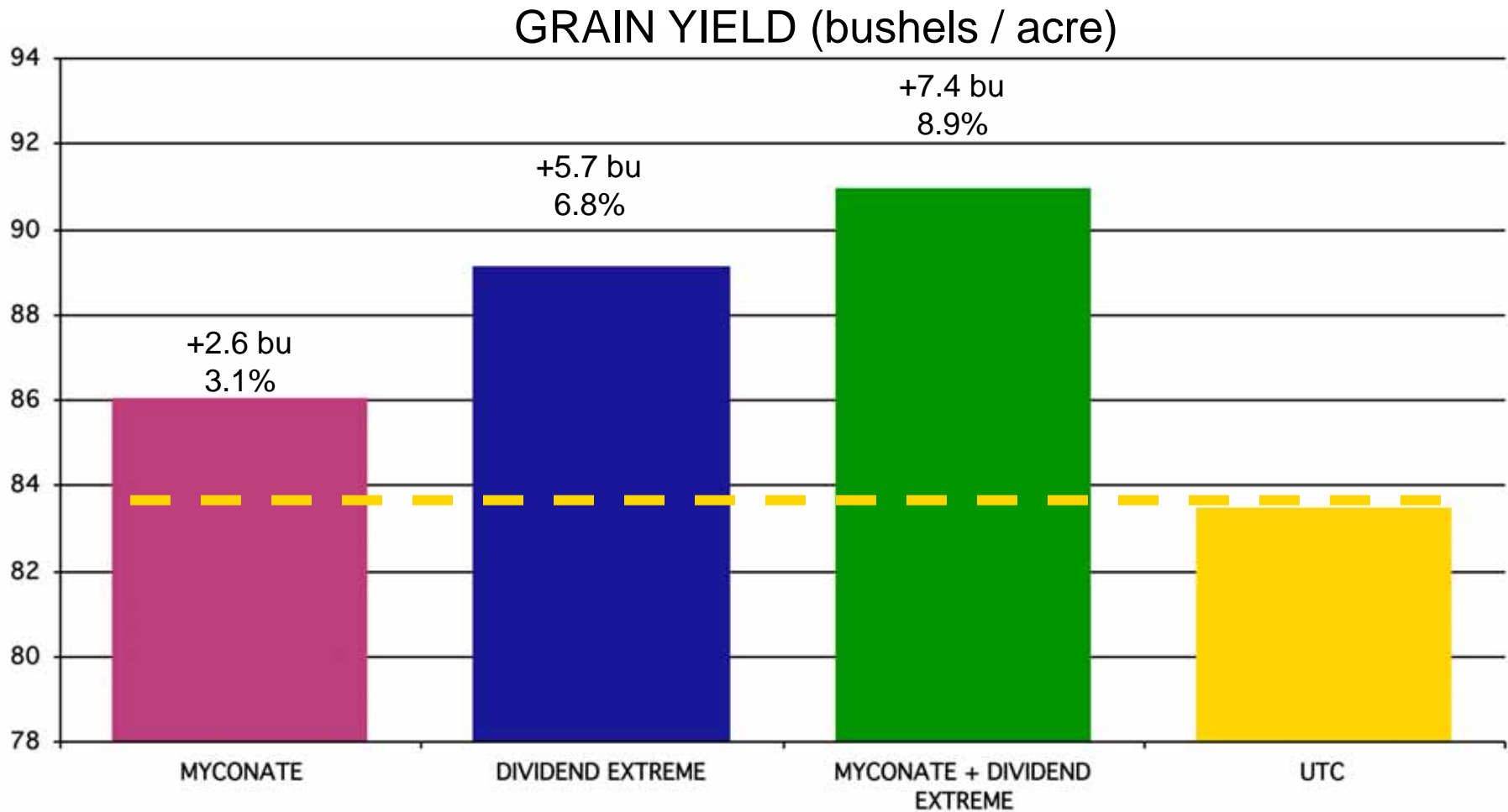
Image: Courtesy USDA-ARS

Measurements: Plant stand, plant growth, grain % moisture, and yield

Replications: 4

Locations (4): WI

Influence of Myconate on Winter Wheat Growth and Yield



Across trial average of identical field trials consisting of 4 treatments, 4 reps; 2 locations in WI, 2007-08.

Influence of Myconate on Winter Wheat Growth and Yield

Treatments: 4+

- Dividend Extreme
- Dividend Extreme + Myconate ST
- Dividend Extreme fb Myconate foliar
- Dividend Extreme + Myconate ST fb Myconate foliar
- Untreated Control was not included
[Myconate Rate: 20 grams a.i./acre]



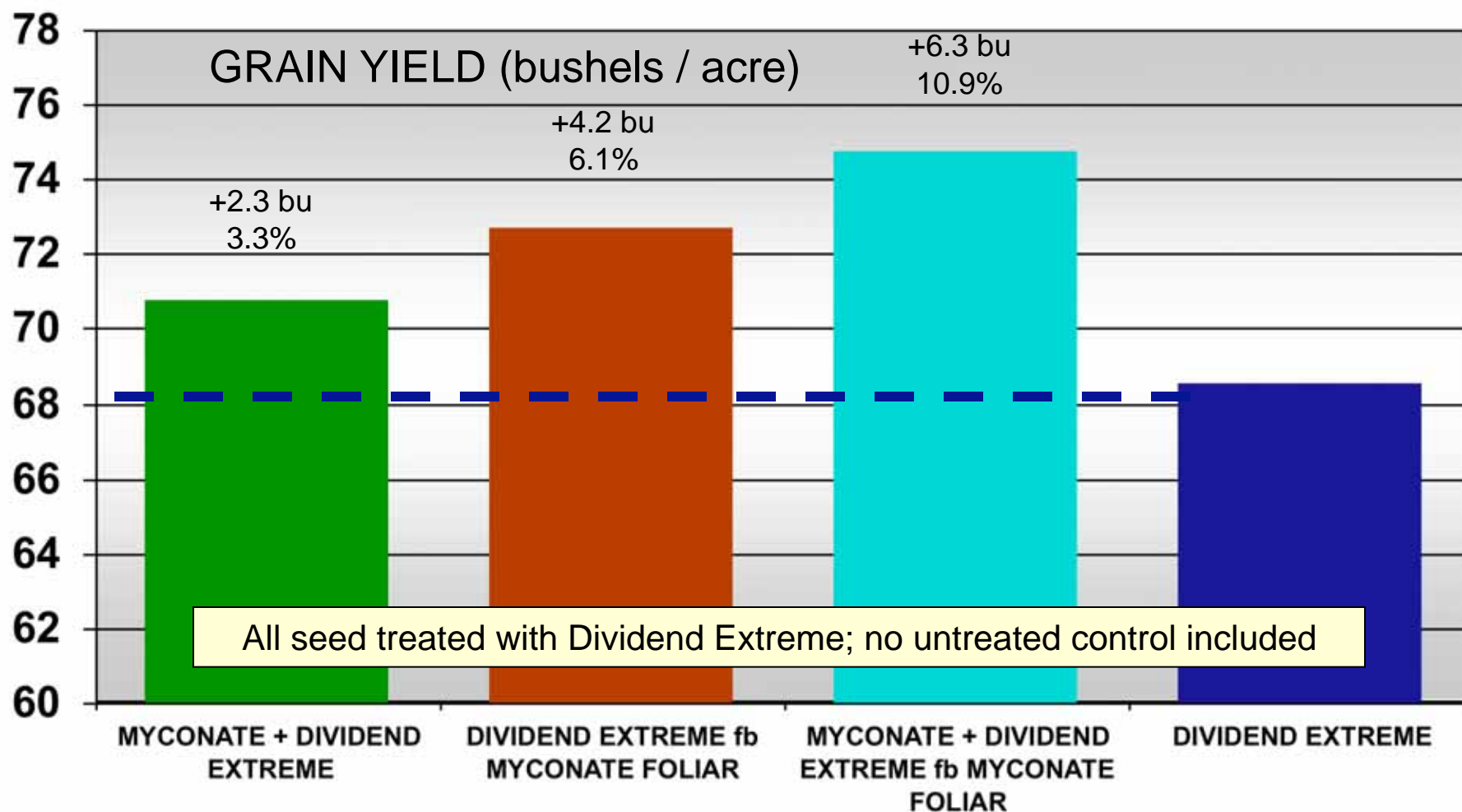
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Measurements: Plant stand, plant growth, grain % moisture, and yield

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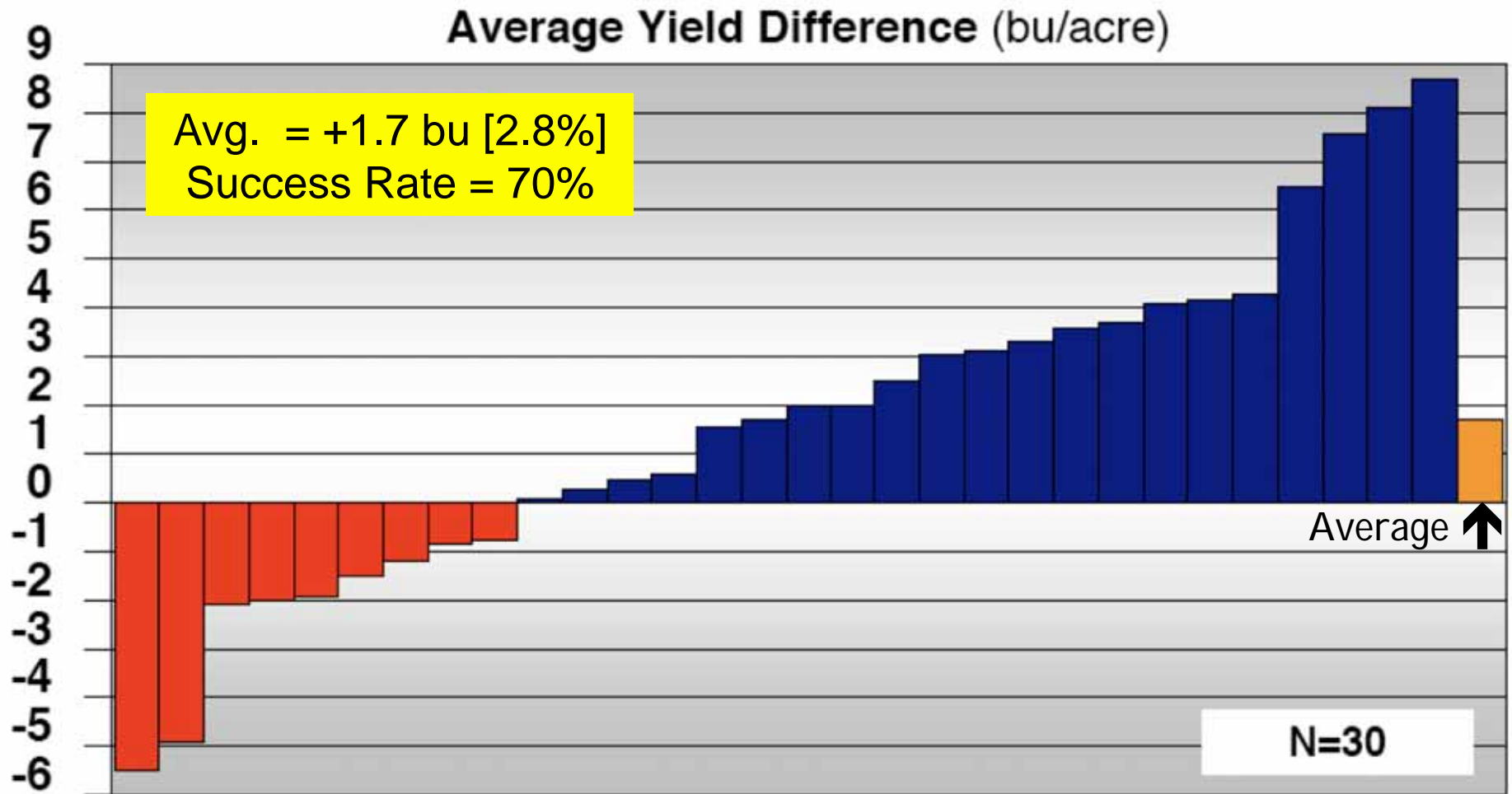
Locations (4): WI

Influence of Myconate on Winter Wheat Growth and Yield



Across trial average of identical field trials in 2007-08 consisting of 4 treatments, 4 reps, 2 locations in W.; Foliar applied 15 gpa on 4-17-08 and separate from fertilizer application.

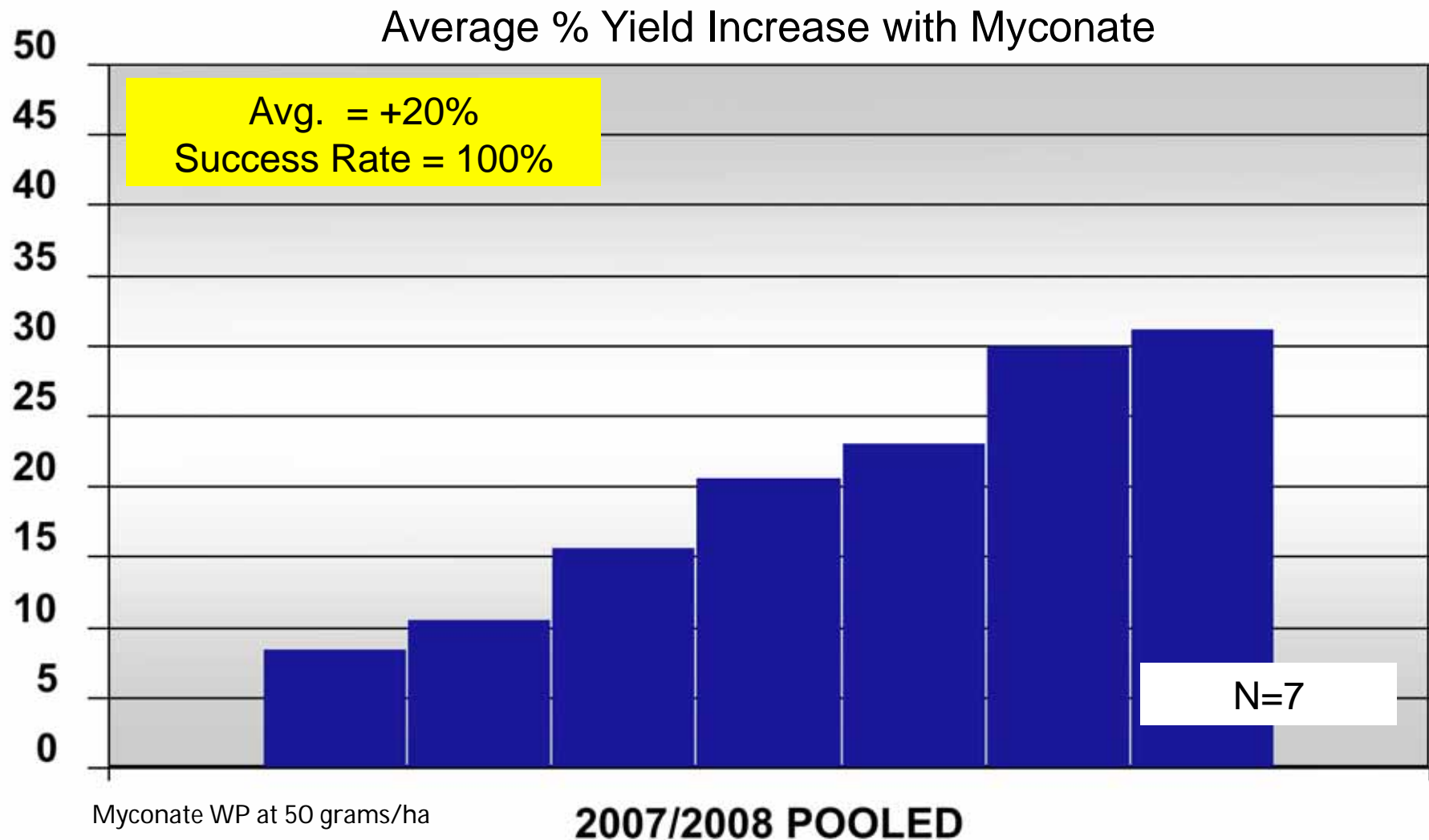
Influence of Myconate® on all Winter plus Spring Wheat and Barley in US Field Trials 2006 - 2008



Myconate rate: 25 grams/ha

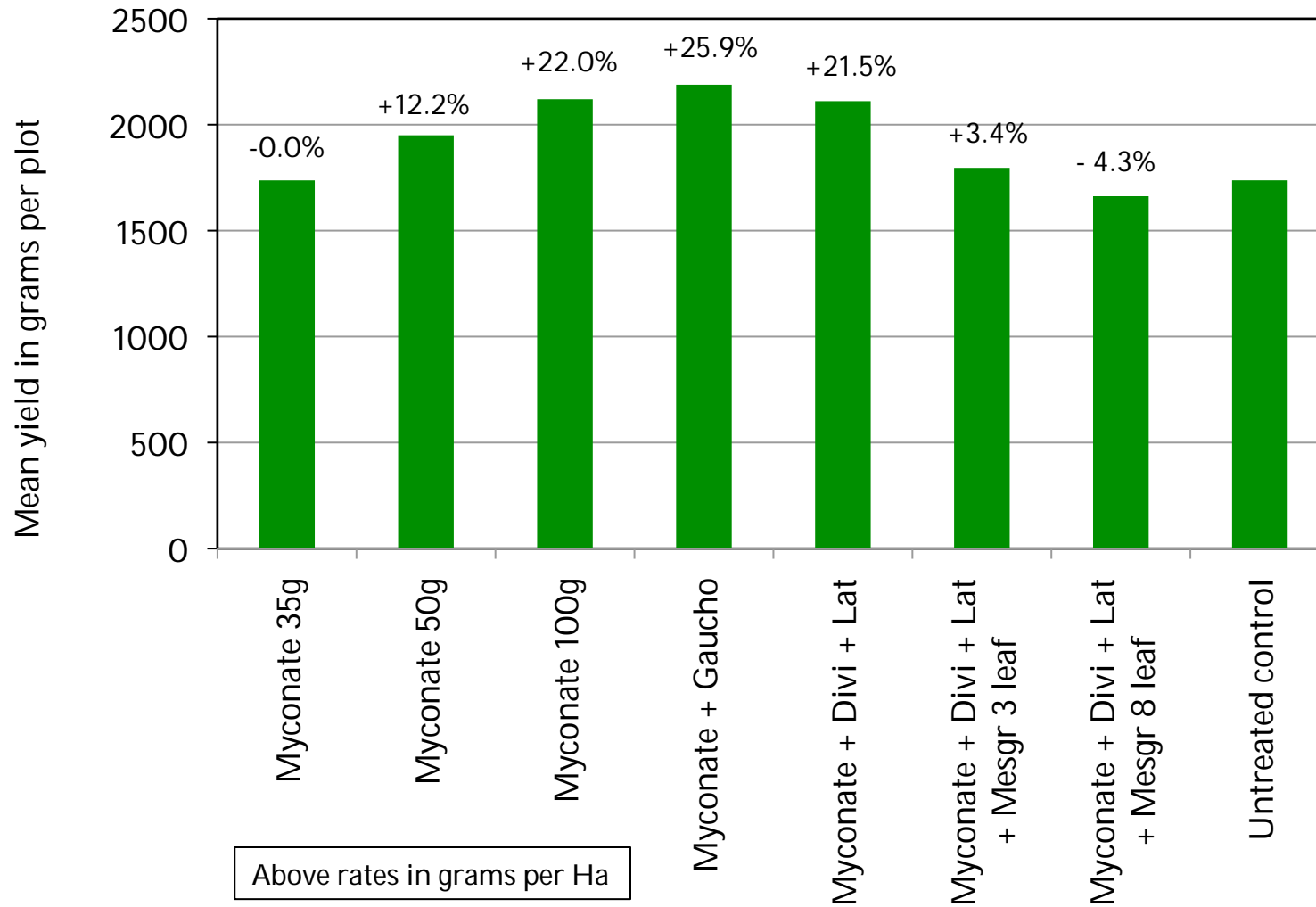
Pooled Results

Influence of Myconate[®] on Wheat in Field Trials in Mexico: 2007-2008



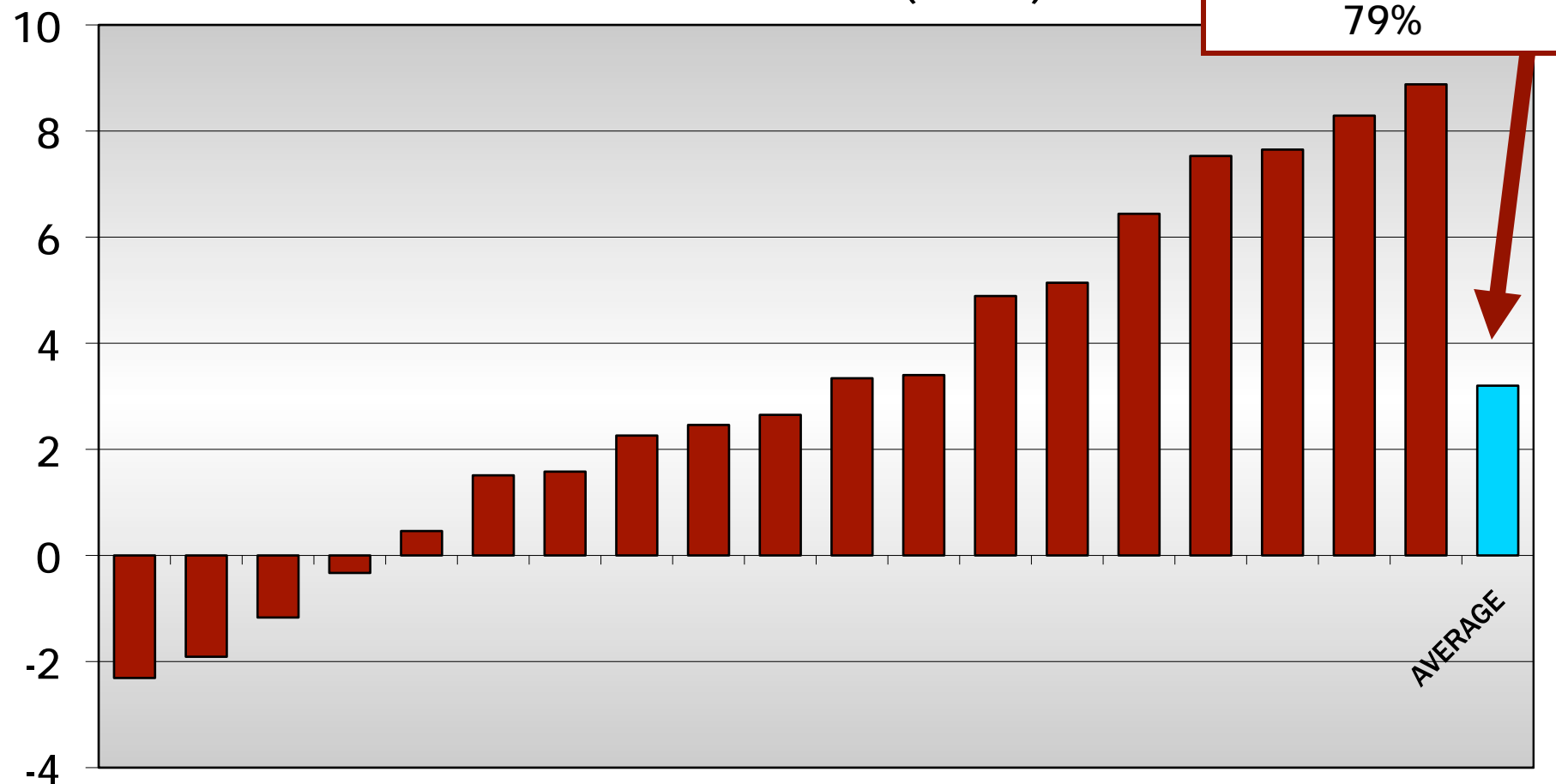
South African Wheat Trial - 2008

One trial of 4 reps with 20m² plots, harvested by combine.



Yield with Myconate in Replicated Trials in Grain Sorghum, 2008

Yield as Difference from Control (bu/ac)



*Indicates average yield with Myconate is significantly different from Control ($P \leq 0.1$).

**Indicates success rate (# wins) is significant ($P \leq 0.10$). Analysis 1-26-09.

CEREALS & ALFALFA:

Alfalfa

Influence of Myconate[®] on Alfalfa Growth and Yield

Seed Treatments: Myconate at 25 and 50 g a.i./ac
and UTC

Replications: 4

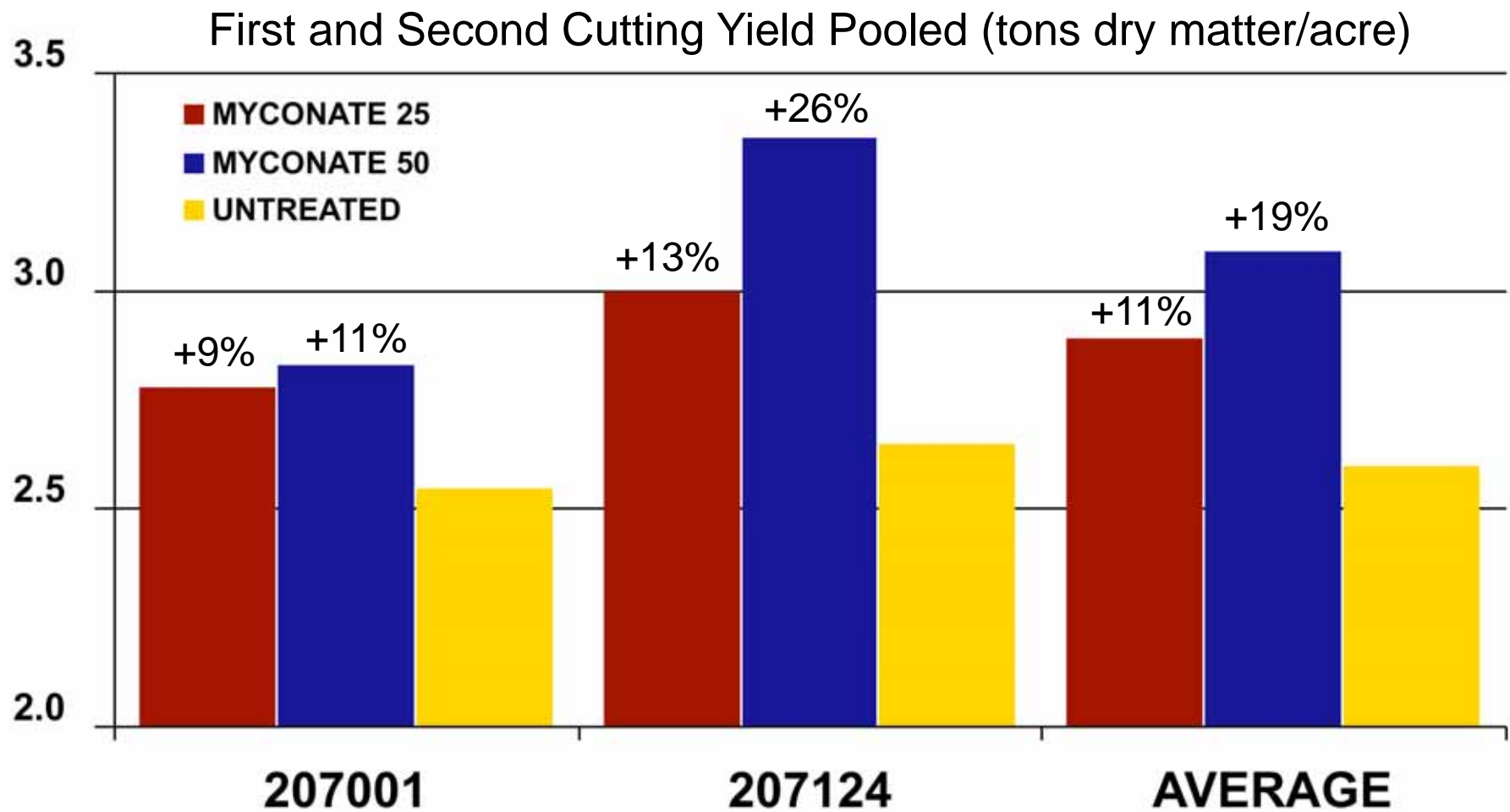
Plots: 10 ft x 50 ft plots; 7.5 inch row spacing

Planting: cultivar 'Jung Lightning III' with Apron XL,
seeding rate of 18 lbs/acre, planted 4-10-07

Plant Measurements: Vigor (1-9), forage yield, and
plant density from two cuttings

Locations (2): WI

Influence of Myconate[®] on Alfalfa Growth and Yield



Cultivar Jung Lightning III planted 4-10-07; average of 4 replicates; Whitewater, WI; trials 207001 and 207124; 2007.

Influence of Myconate[®] on Alfalfa Growth and Yield

Treatments: 7

Replications: 8

Locations (3): IA, ID, and WI

Site Information: 208034 Wisconsin

- P Level: 45 ppm; K Level: 146 ppm
- Soil: Kidder Sandy Loam, 2.1% OM, pH 6.9
- Planting Date: 4-16-2008
- Hybrid: Jung Lightning III
- Myconate: Seed treatment applied per 15 lbs seed per acre
- EF [experimental foliar product]: 1-2 foliar applications on June 20 and August 18 timed for ~2 weeks before cutting
- Harvest Dates: 1st cutting 7-05-2008; 2nd cutting 9-3-2008

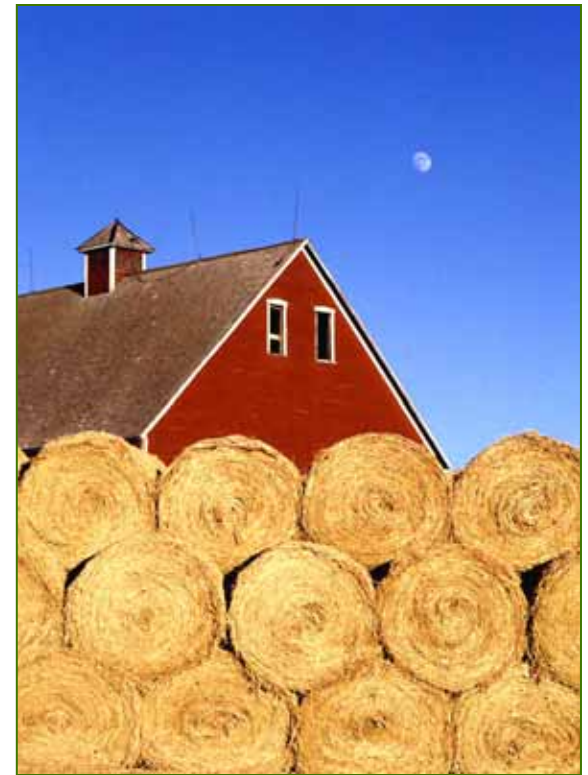
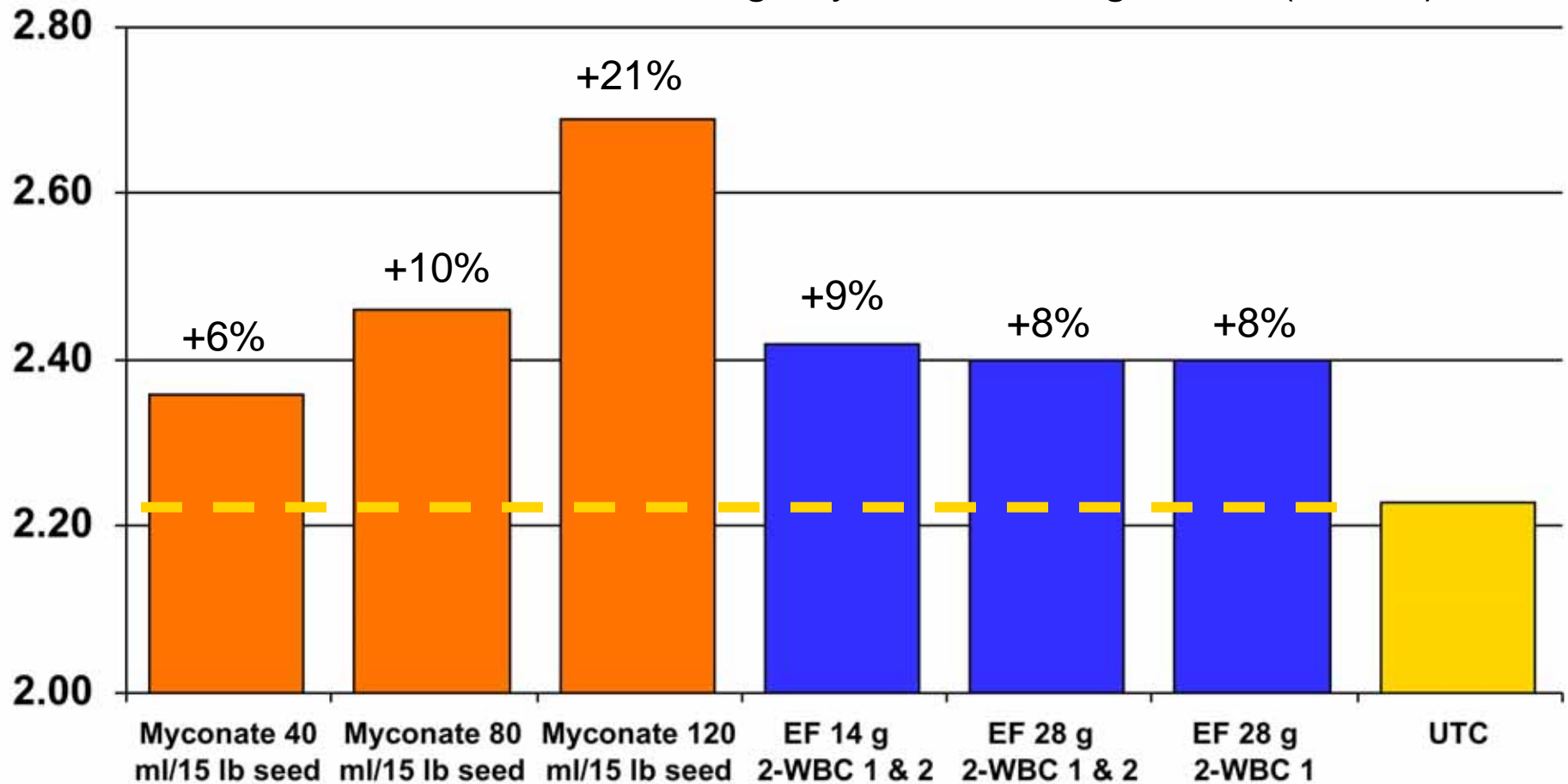


Image: Courtesy USDA-ARS

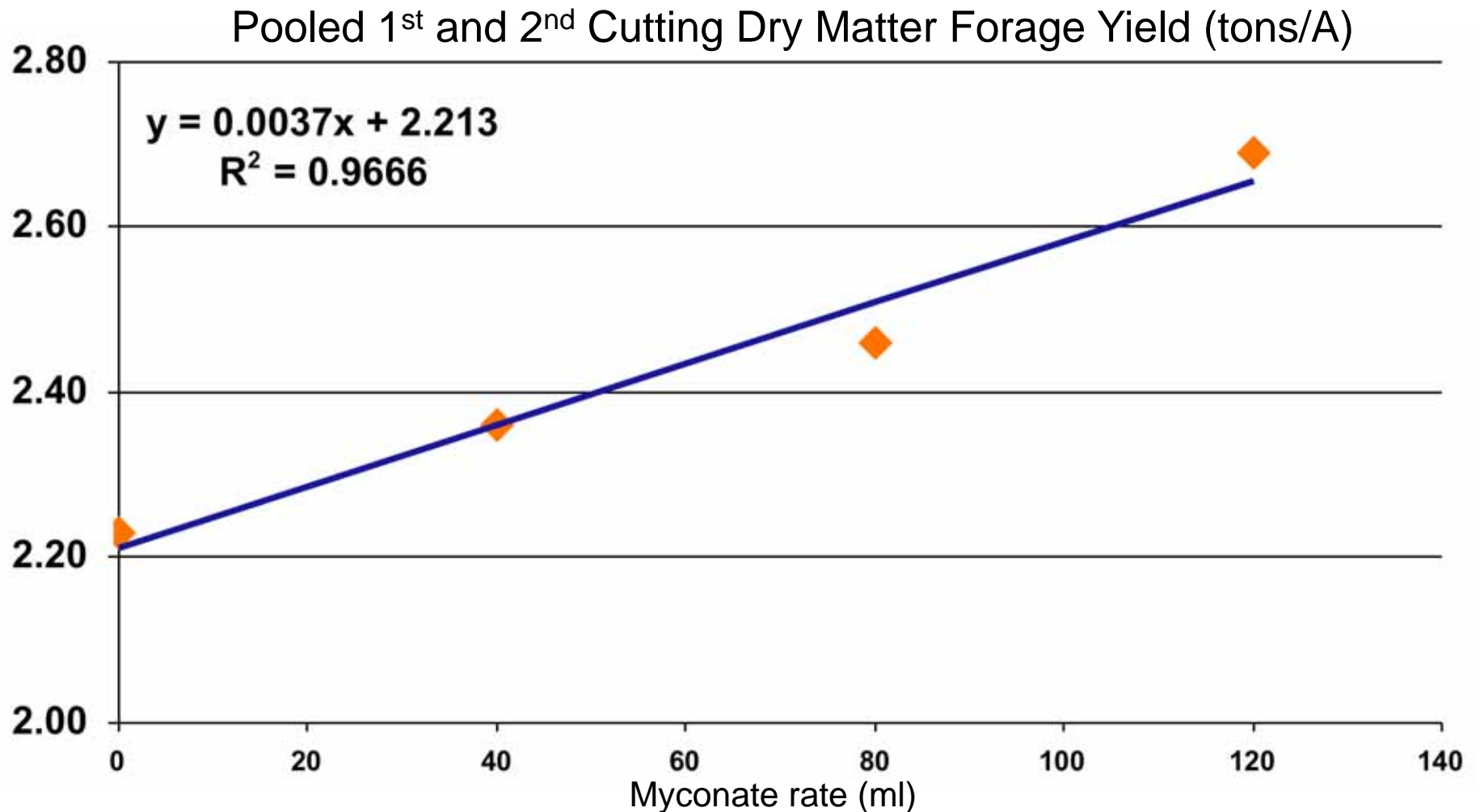
Influence of Myconate[®] on Alfalfa Growth and Yield

Pooled 1st and 2nd Cutting Dry Matter Forage Yield (tons/A)



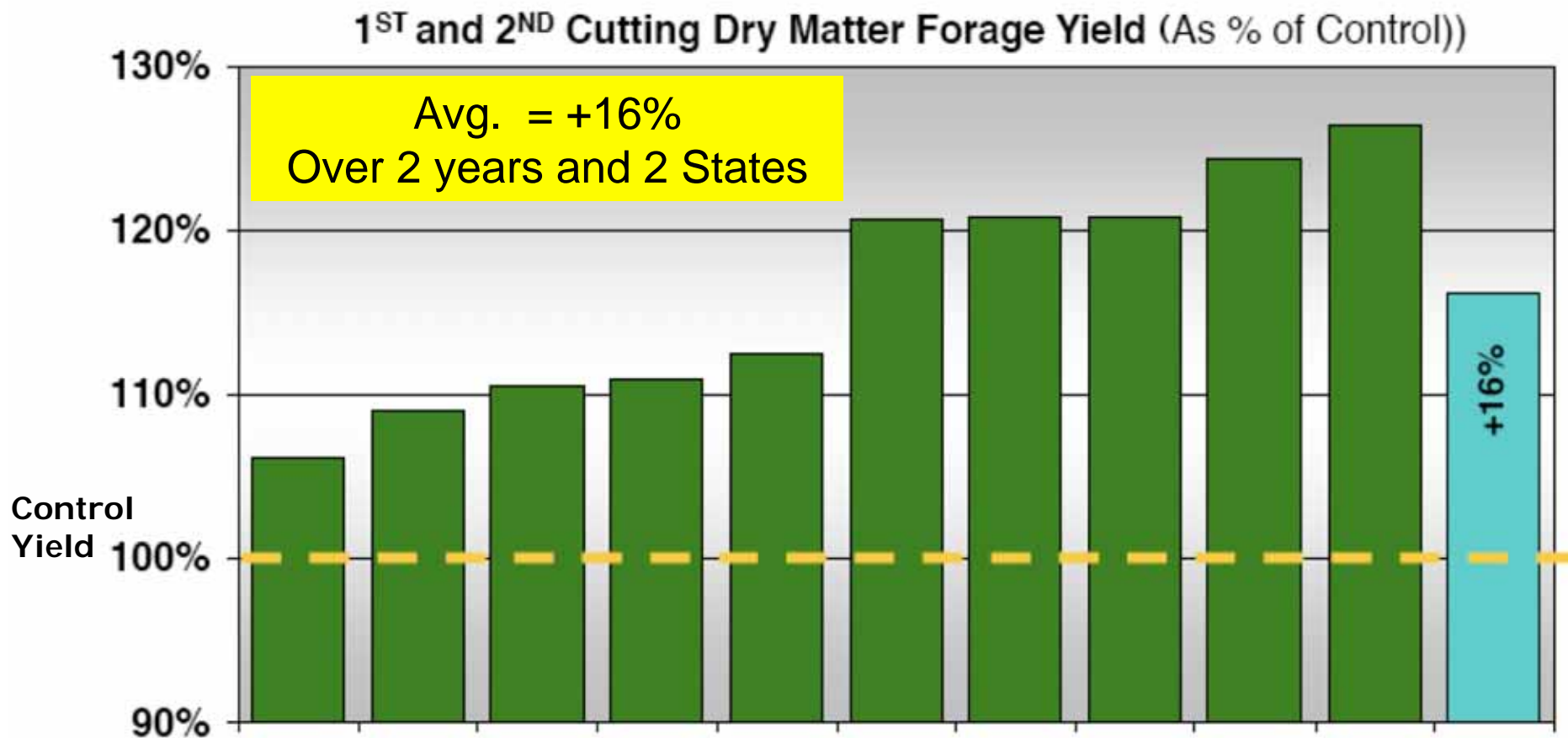
8 replicate trial; Jung Lightning III planted 4-16-08; 7.5 inch rows; harvested 7-5 & 9-3-08. 2-WBC = 2 wks before cutting.

Influence of Myconate[®] on Alfalfa Growth and Yield



8 replicate trial; Jung Lightning III planted 4-16-08; 7.5 inch rows; harvested 7-5 & 9-3-08. 2-WBC = 2 wks before cutting.

Influence of Myconate[®] on Alfalfa Growth and Yield



Four (2 x 2007) and eight (2 x 2008) replicate trials; WI(2) 2007 and WI and ID 2008; 2-WBC = 2 weeks before cutting.

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PHC - MYCONATE

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