

Fungicides In Dry Beans

Jemmett Consulting and Research Farm LLC.

Purpose

- ▶ Answering grower questions
 - ▶ Are Fungicides needed?
 - ▶ What is the difference between all the products?
 - ▶ Does adding fungicides increase yield, quality, etc.?
 - ▶ So many to choose from, how do I know what is right for my operation?

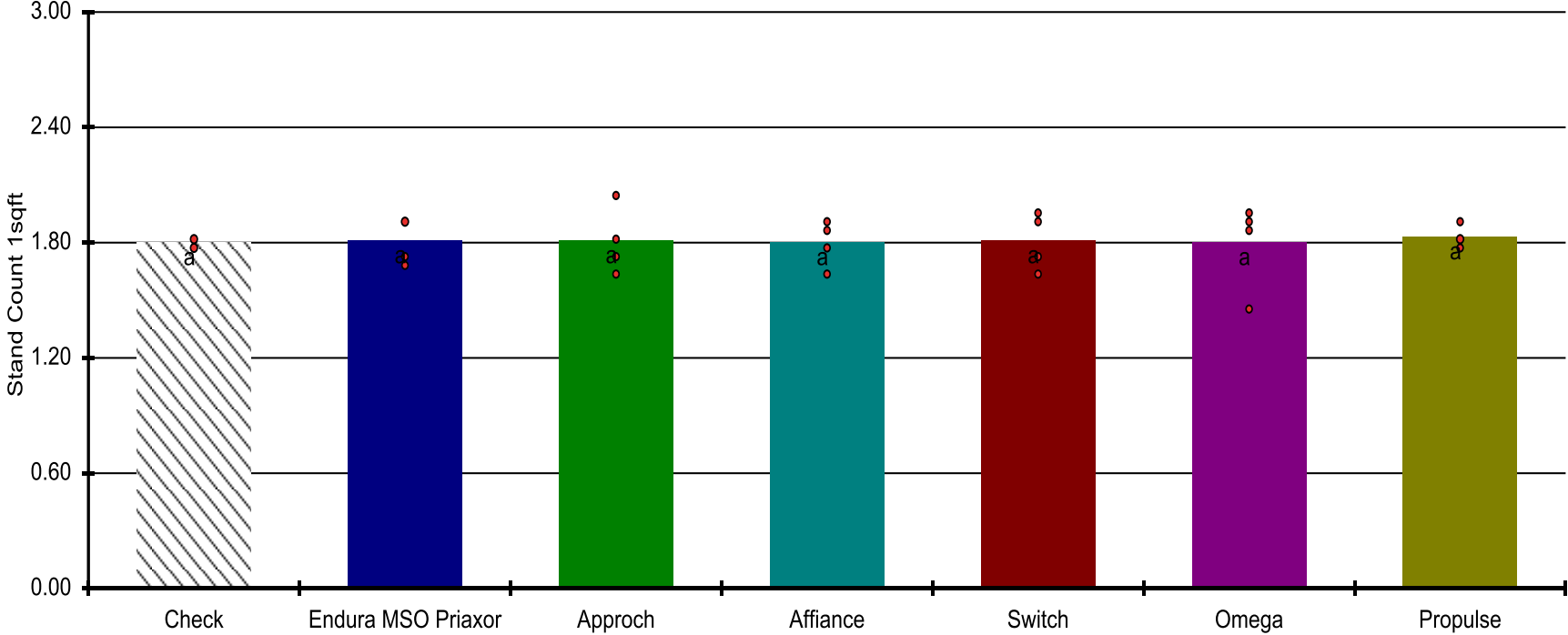
Application Timings

- ▶ (A) 10% Bloom
 - ▶ Treatment 2 only
- ▶ (B) Start of Pod fill

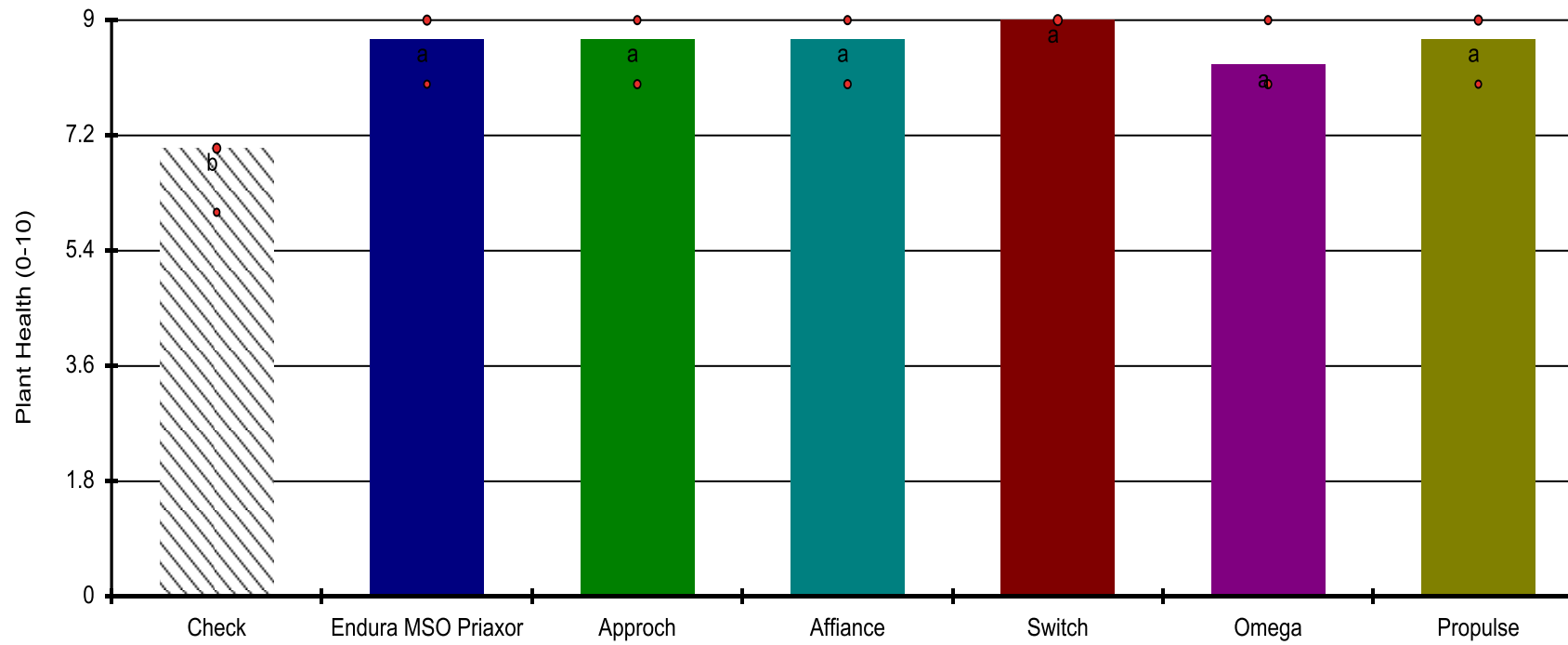
Data Collection

- ▶ % Injury
- ▶ Stand Counts
- ▶ Plant Health
- ▶ Whole Plant Biomass
- ▶ Yield
- ▶ Disease Incidence

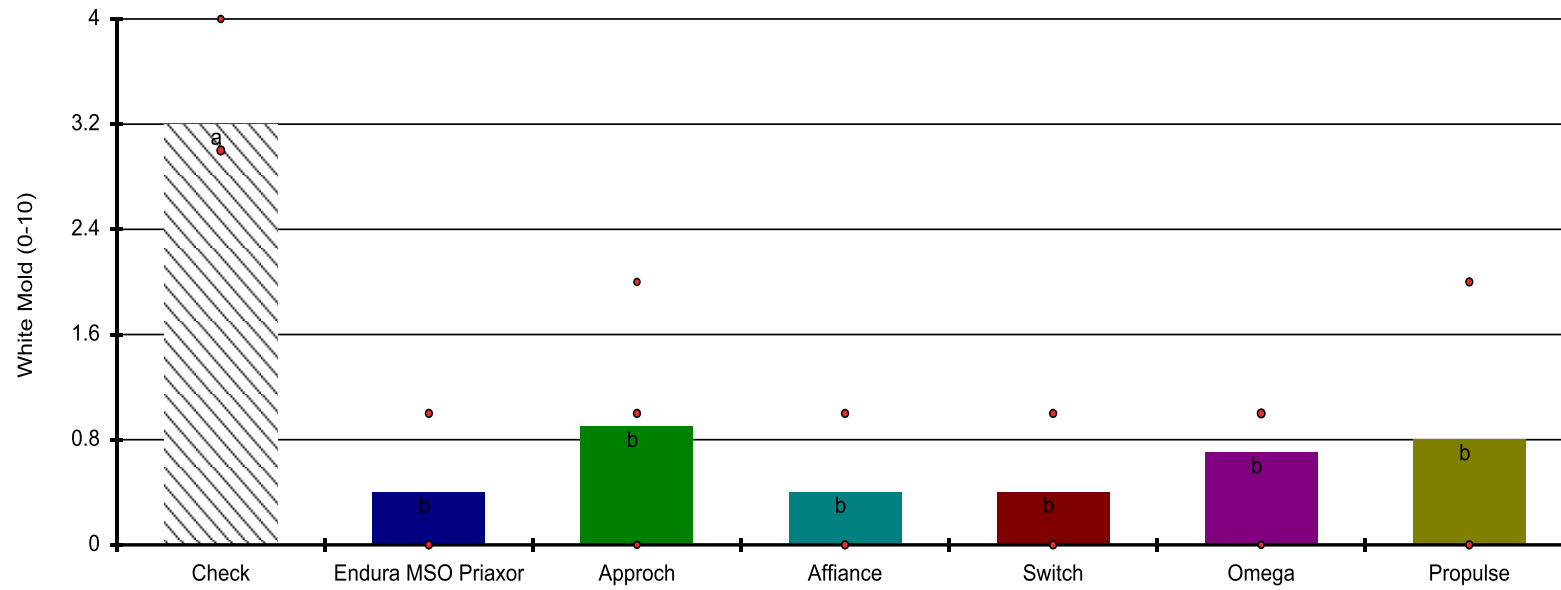
Stand Count



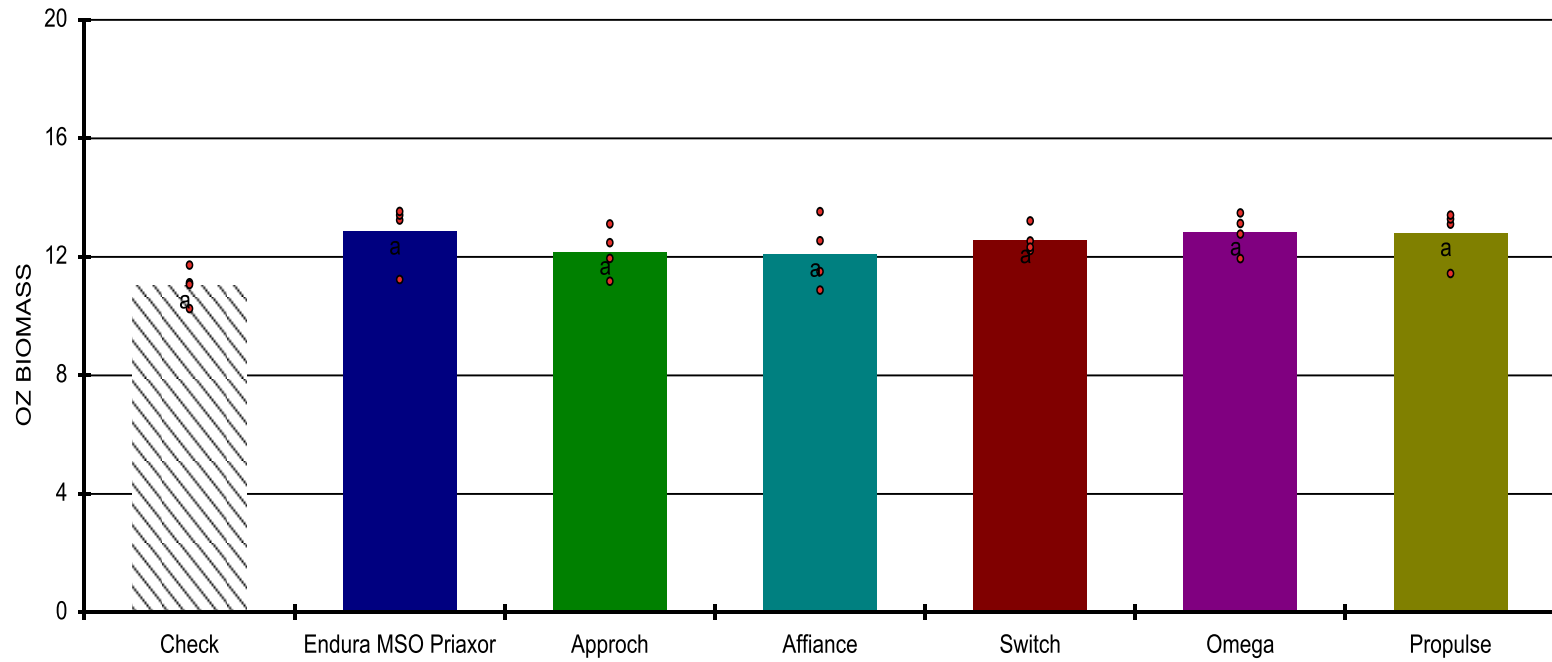
Plant Health



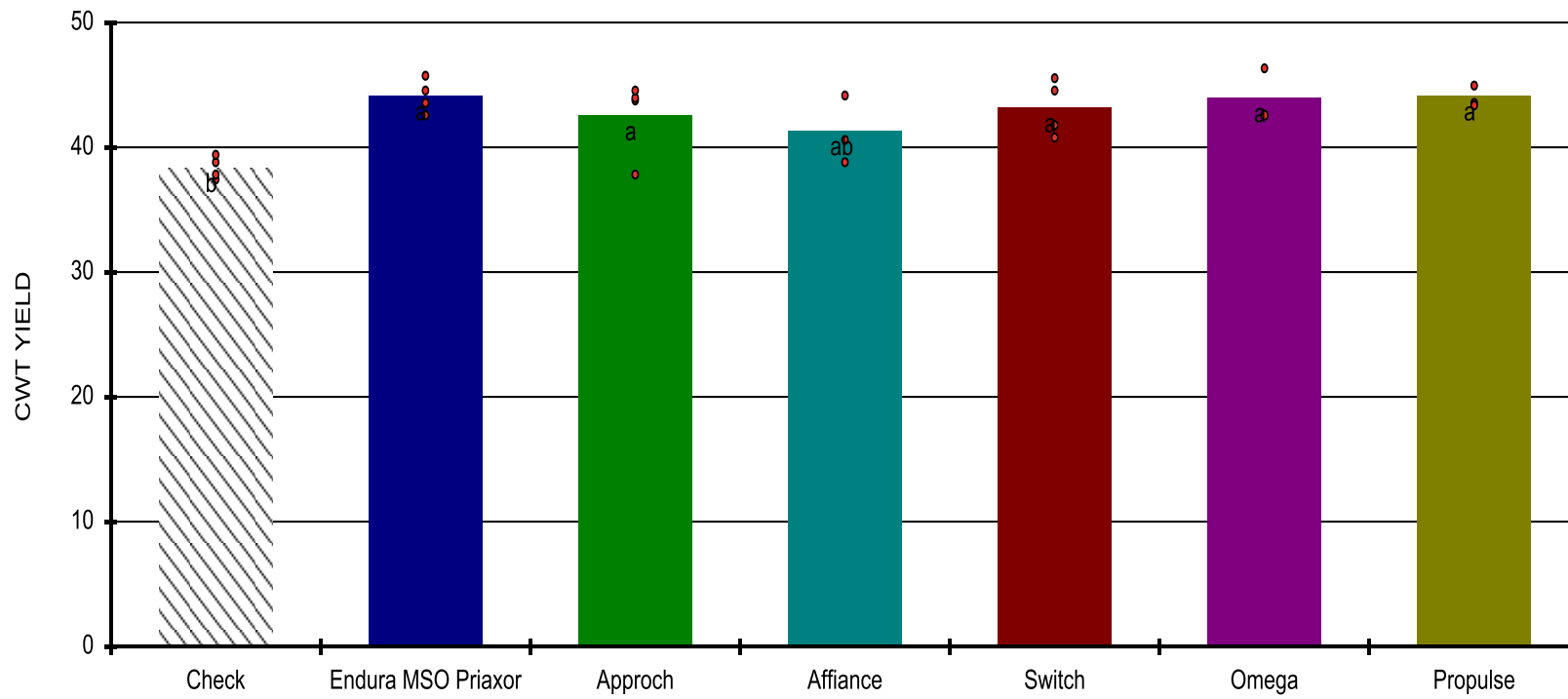
White Mold Severity



Biomass



Yield



Conclusion

- ▶ Can increase yield
 - ▶ No chemical injury
 - ▶ Plant health Boost
 - ▶ No difference in Stand
 - ▶ No difference in Biomass
 - ▶ White mold was present and significantly controlled
- ▶ Questions?
 - ▶ At what point does it make sense to add a fungicide product to your field?
 - ▶ Should I apply every year?
 - ▶ What did the best?

Modifications

- ▶ Harvest sample size
- ▶ Quality and Clean out samples
- ▶ Increased moisture in plots to increase incidence

**Questions?
Requests?**