

UC DAVIS ALFALFA FIELD DAY, MAY 11, 2017

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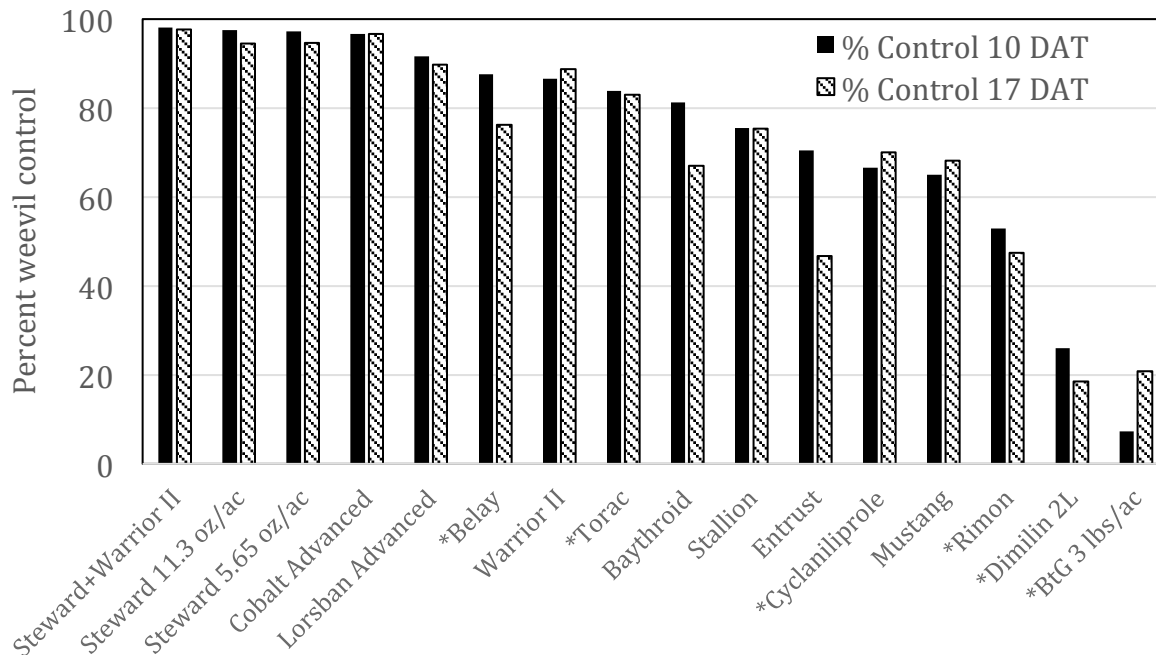
I) NEW! UC IPM guidelines for alfalfa hay production:

<http://ipm.ucanr.edu/PMG/selectnewpest.alfalfa-hay.html>

II) Alfalfa Weevil Insecticide Trial

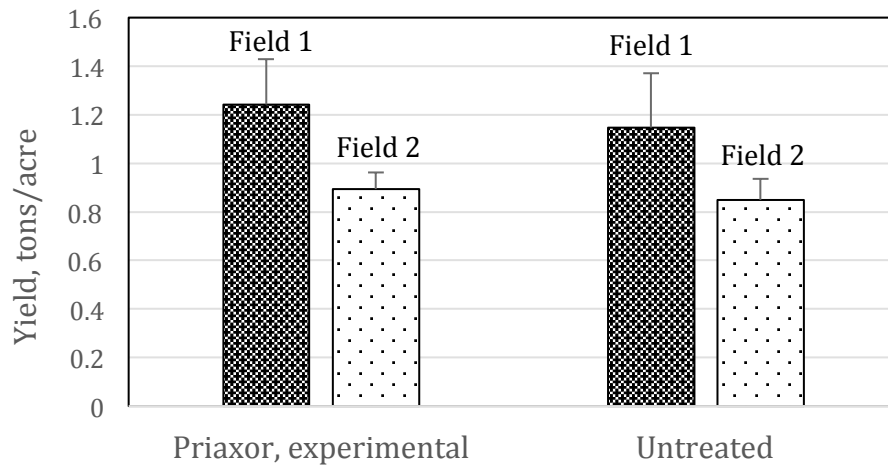
Scott Valley, N. Cal., 2016 (S. Orloff)

* Refers to not registered in alfalfa production.



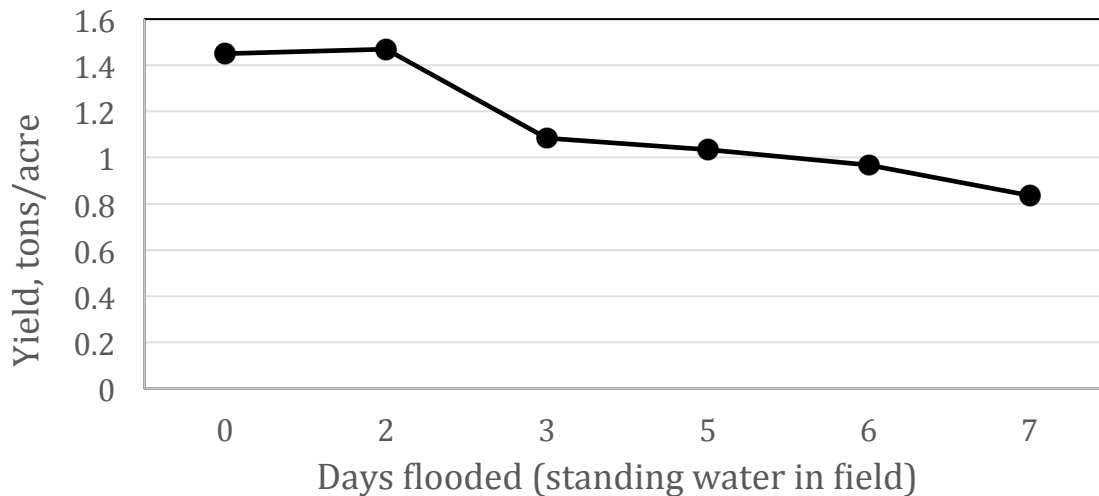
II) Alfalfa Diseases

- 1) Common leaf spot, very common this year; control is not generally needed and fields will clear up by second cutting. Use Headline or Quadris when plants 4- to 6 inches tall for controlling leaf spot, but it's rare that a fungicide will be needed in CA.
- 2) Fungicide Trial: Priaxor a systemic fungicide (BASF), is now registered for alfalfa in Calif. Priaxor is good on downy mildew, leaf spots, black stem, stemphylium and rhizoctonia; it provides some control of fusarium and only suppression of pythium. Field trial: Field 1 applied 2/15, Field 2 applied on 3/8, harvested 4/24 and 4/25, Yolo Co. 2017. Field 1 tested positive for rhizoctonia, pythium, phytophthora; Field 2, pythium, phytophthora. No treatment effect in trials likely because plants were not actively growing, due to saturated soils from flooding; plants need to recover from that first.



III) Alfalfa Flood Tolerance

Field flooded 2/23, first harvest, 4/24. 25% yield loss after 3 days, 40% loss after 7 days, Yolo County, 2017



IV) **Sugarcane aphid:** New pest for California sorghum, summer 2016. Sugarcane aphids are yellowish with black tipped feet, antennae, and cornicles (tailpipes), that can cause significant crop losses.

- 1) UC ANR Alfalfa & Forage blog: Sugarcane aphid invades CA sorghum. <http://ucanr.edu/blogs/blogcore/postdetail.cfm?postnum=22003>.
- 2) Texas A&M YouTube Videos:
 - Sugarcane aphid basics (English and Spanish) <http://betteryield.agrilife.org/sugarcane-aphid-basics/>
 - Sugarcane aphid identification and pest threshold estimation training video: <https://youtu.be/6IEoHGoSV38>