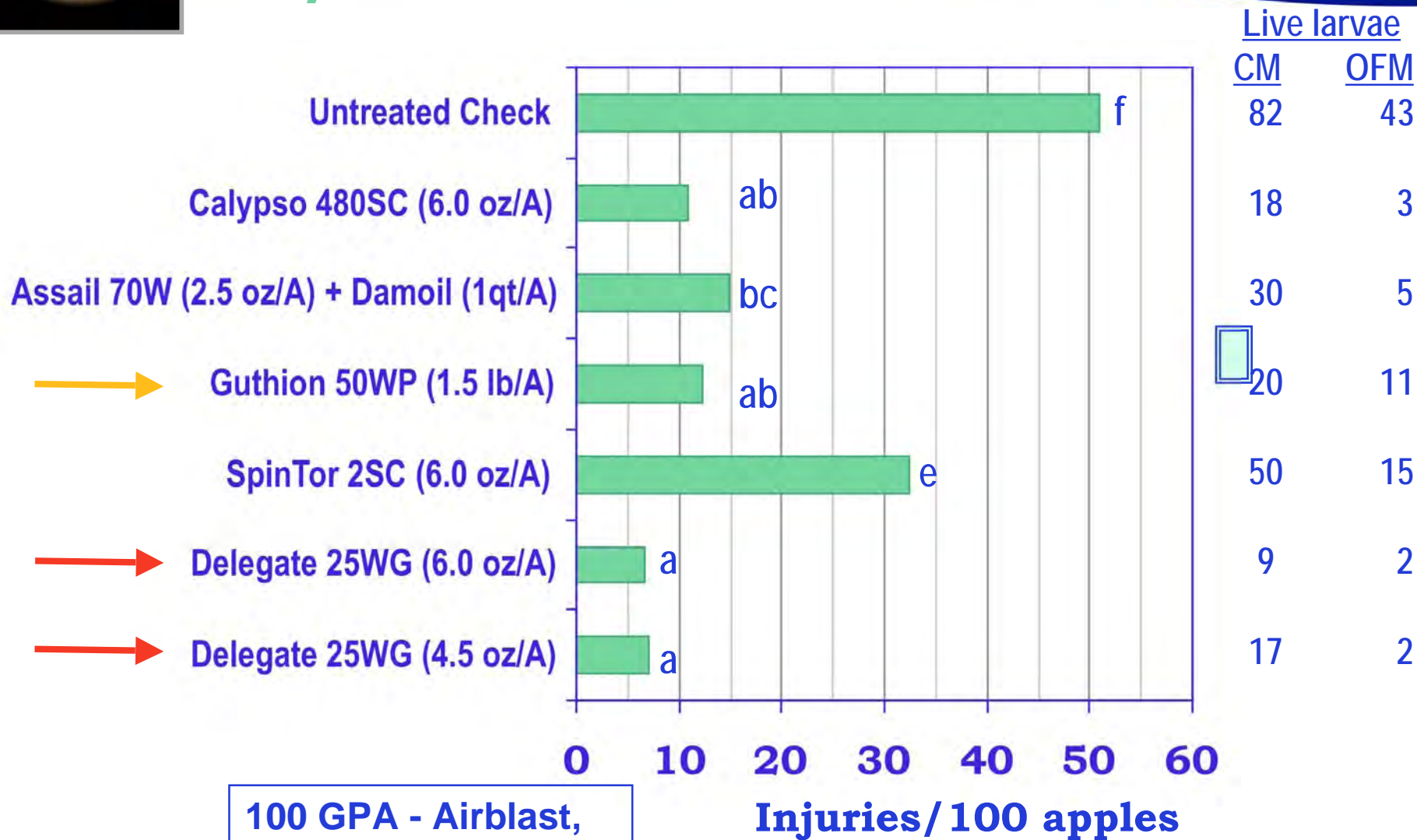




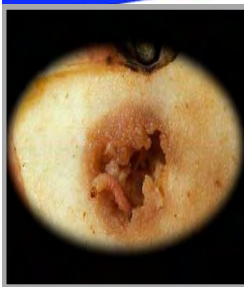
2005 CM/OFM Timing Study

CM/OFM Entries



100 GPA - Airblast,
(5 Reps) # applic. = 8

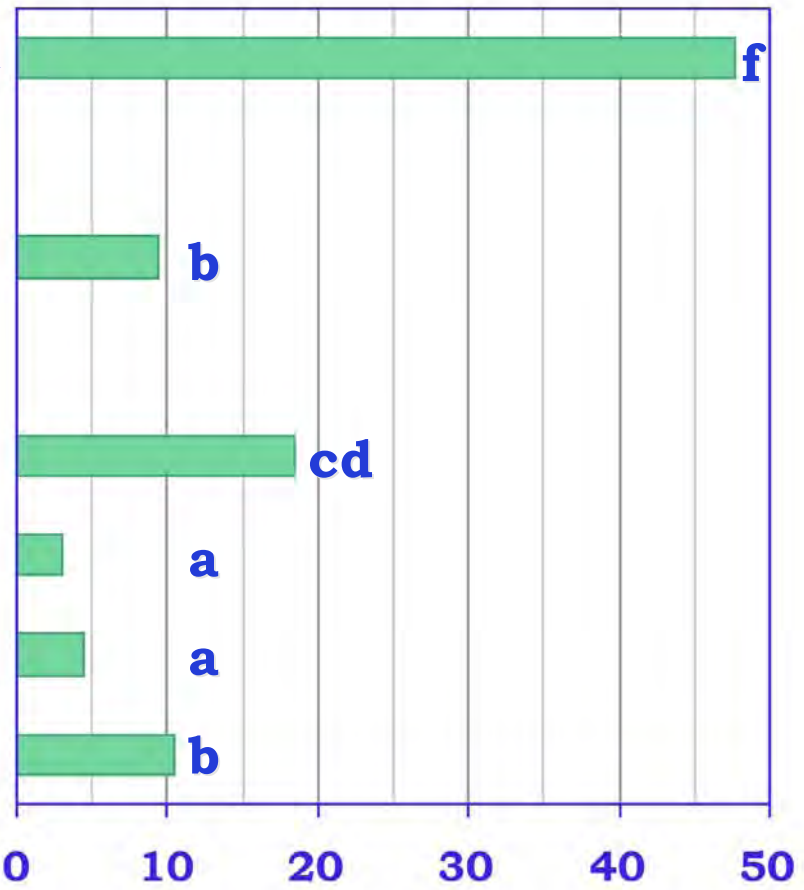
2006 Single Tree Plot - Internal Lep.



Live larvae

CM/OFM Entries

- Untreated Check
- Lorsban 75WG (2.0 lb/A)
- Guthion 50W (1.5 lb/A)
- Intrepid 2F (1.0 pt/A)
- Rimon 0.83EC (20.0 oz/A)



	<u>CM</u>	<u>OFM</u>
Untreated Check	91	52
Lorsban 75WG (2.0 lb/A)	16	1
Guthion 50W (1.5 lb/A)	31	28
Altacor 35WG* (4.0 oz/A)	3	1
Altacor 35WG* (3.0 oz/A)	7	1
Altacor 35WG* (2.0 oz/A)	15	8

- Guthion 50W (1.5lb/A)
- Altacor 35WG* (4.0 oz/A)
- Altacor 35WG* (3.0 oz/A)
- Altacor 35WG* (2.0 oz/A)

6 applic. (21 day interval)
(5 Reps) 100 GPA

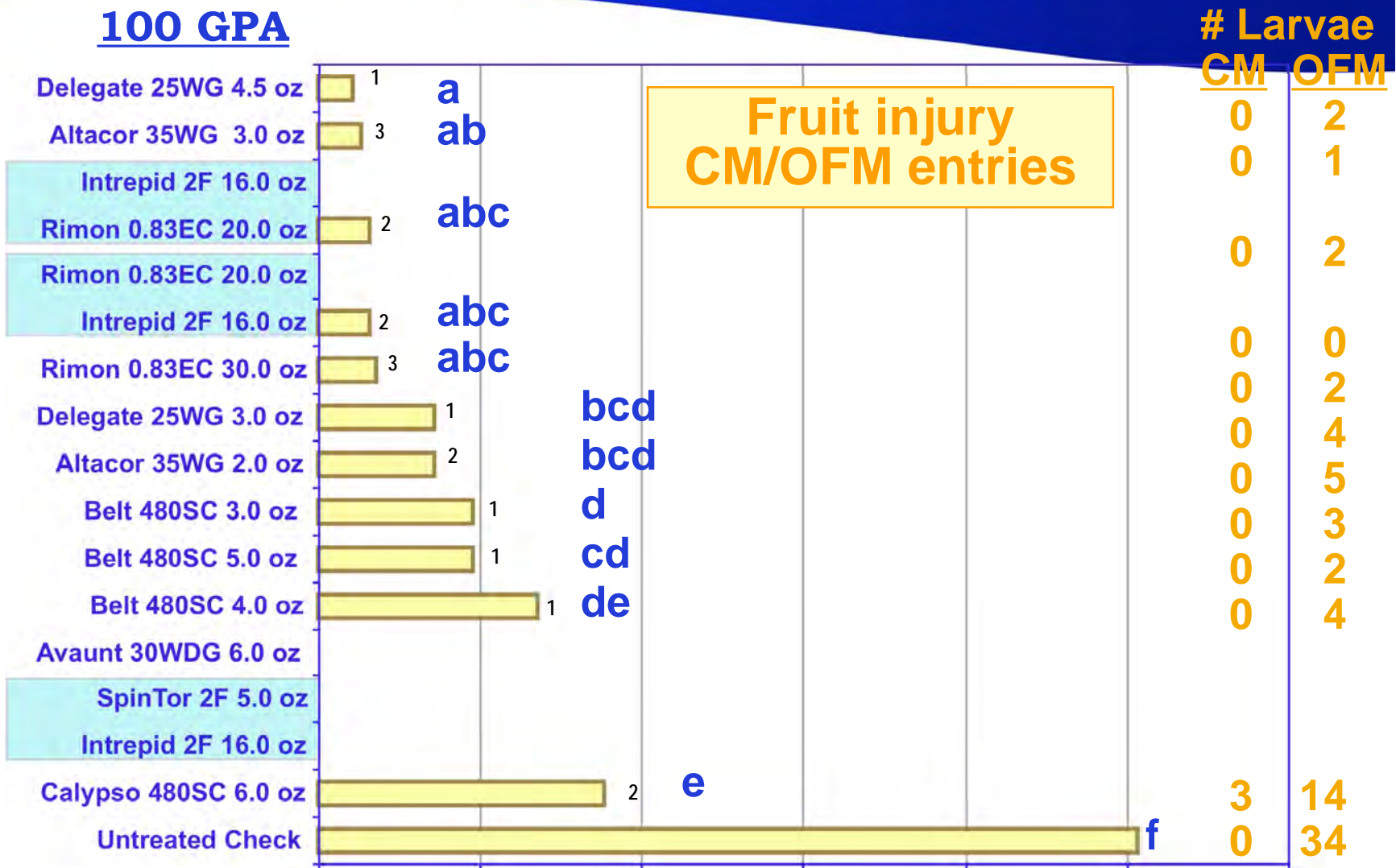
Injuries/100 apples



2006 Large Plot Study

'Yorking'

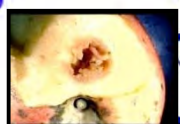
100 GPA



Fruit injury CM/OFM entries

¹ 14 & 28 Jun, 7 & 21 Aug - OBLR
² 6 & 19 Jun, 7 & 21 Aug - TABM
³ 6 & 19 Jun, 7 Aug - TABM ←

L. A. Hull 2008

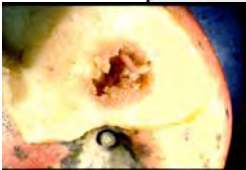
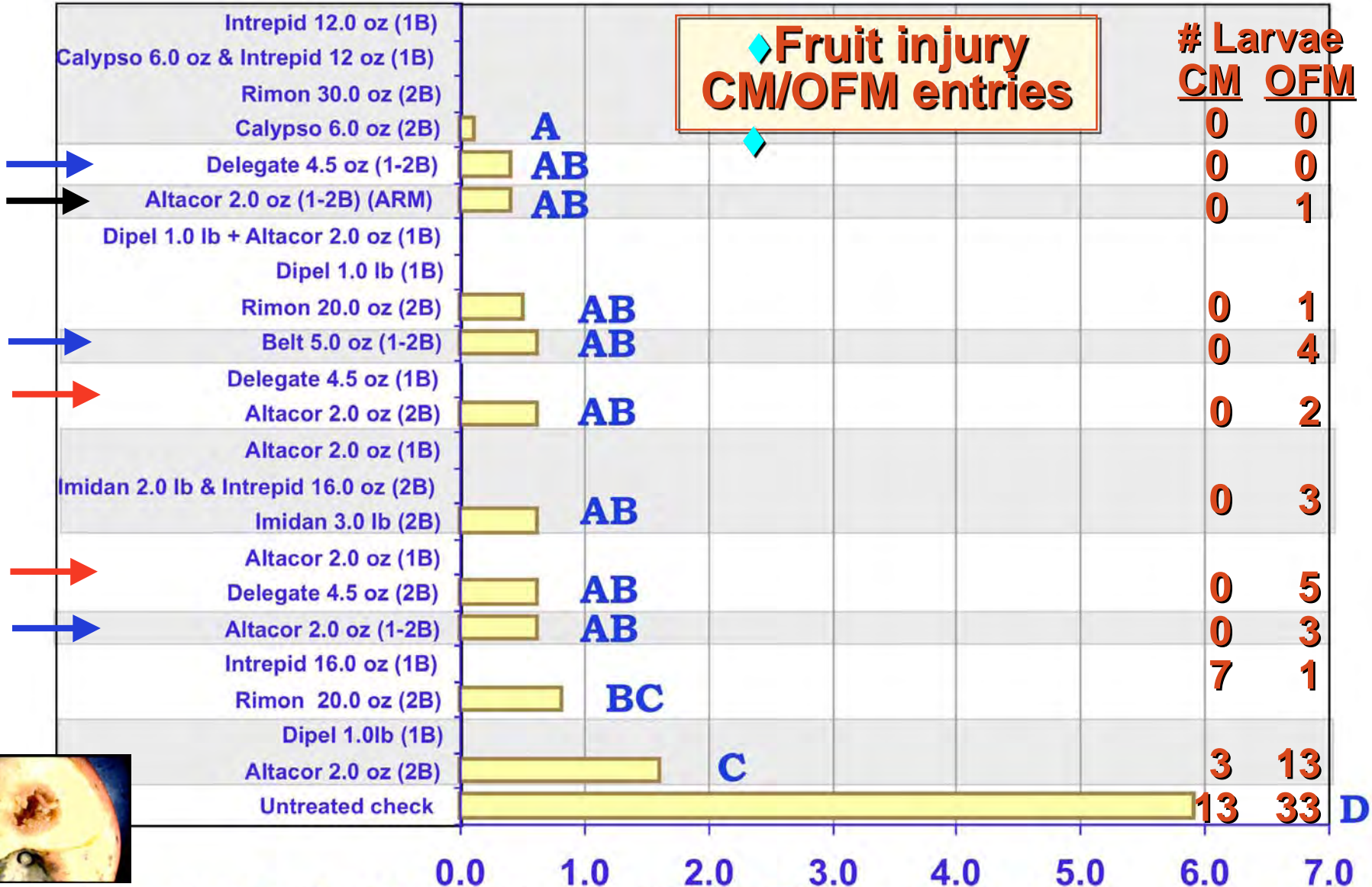


Fruit Research & Extension Center
College of Agricultural Sciences

2007 Large Plot Study

'Golden Delicious' & 'York'

◆ Fruit injury
CM/OFM entries



Applic. timings for LR (TABM & OBLR)

2 sprays/gen all trmts but Altacor (8 ARM both sides) 100 GPA

CM/OFM entries

L. A. Hull 2007

2008 Large Plot Study

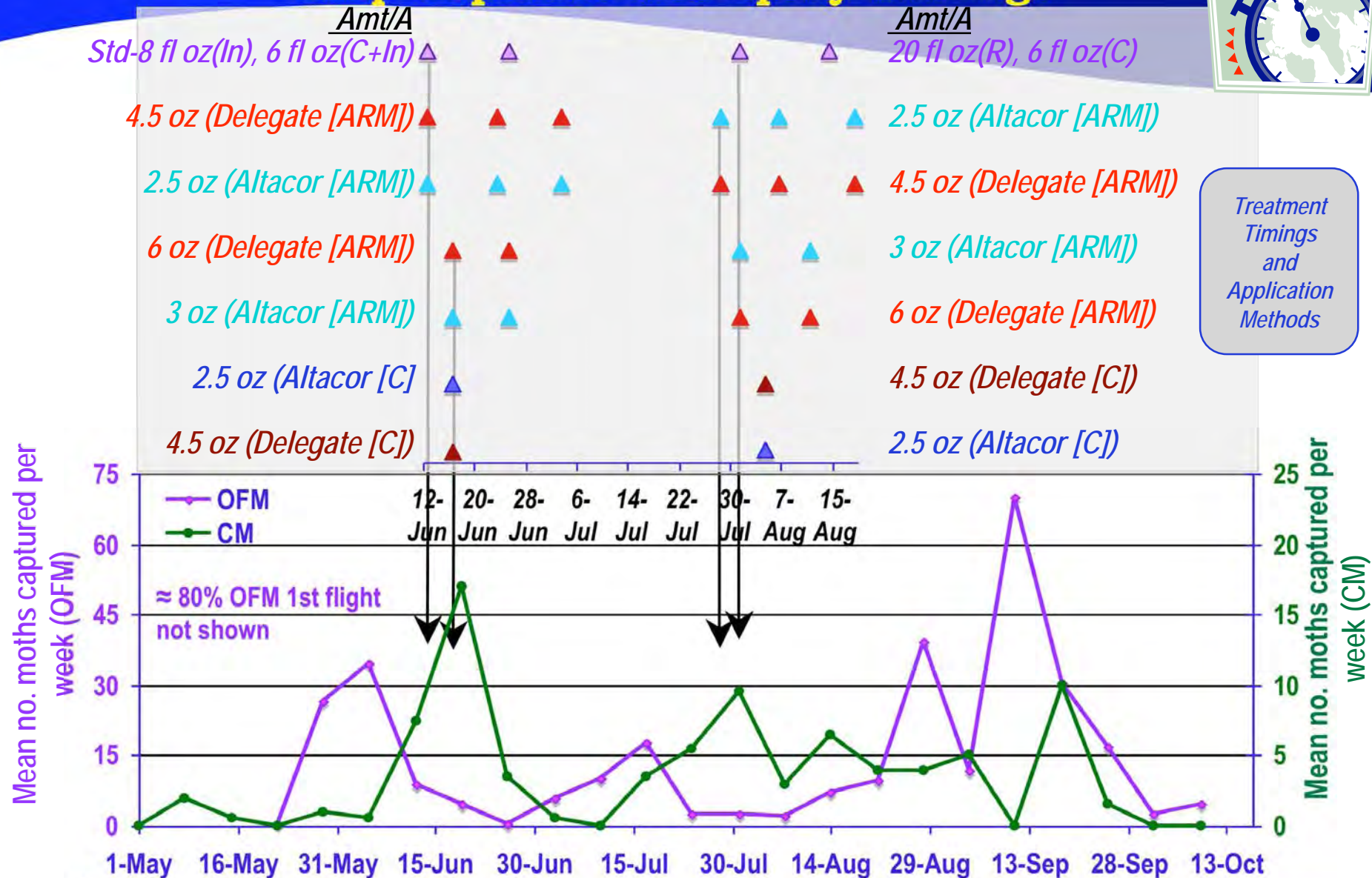


Materials and Methods

- 11 insecticide treatments
- Untreated check
- Treatments timed for either CM/OFM or TABM/OBLR based on degree day accumulations
- Plot size - 12-15 tree plots (0.125 acre), 4 reps, 14' high trees
- All treatments applied at 100 GPA as a complete (both sides) or ARM (one side per application)
- Fruit injury on 2 cvs/treatment, "frass" apples for CM/OFM on 'G. Delicious', picked samples for leafroller and CM/OFM on 'Yorking' -- 1400 apples/trmt/CV



Large Plot Trial with Altacor/Delegate - 2008 Trap Captures and Spray Timings



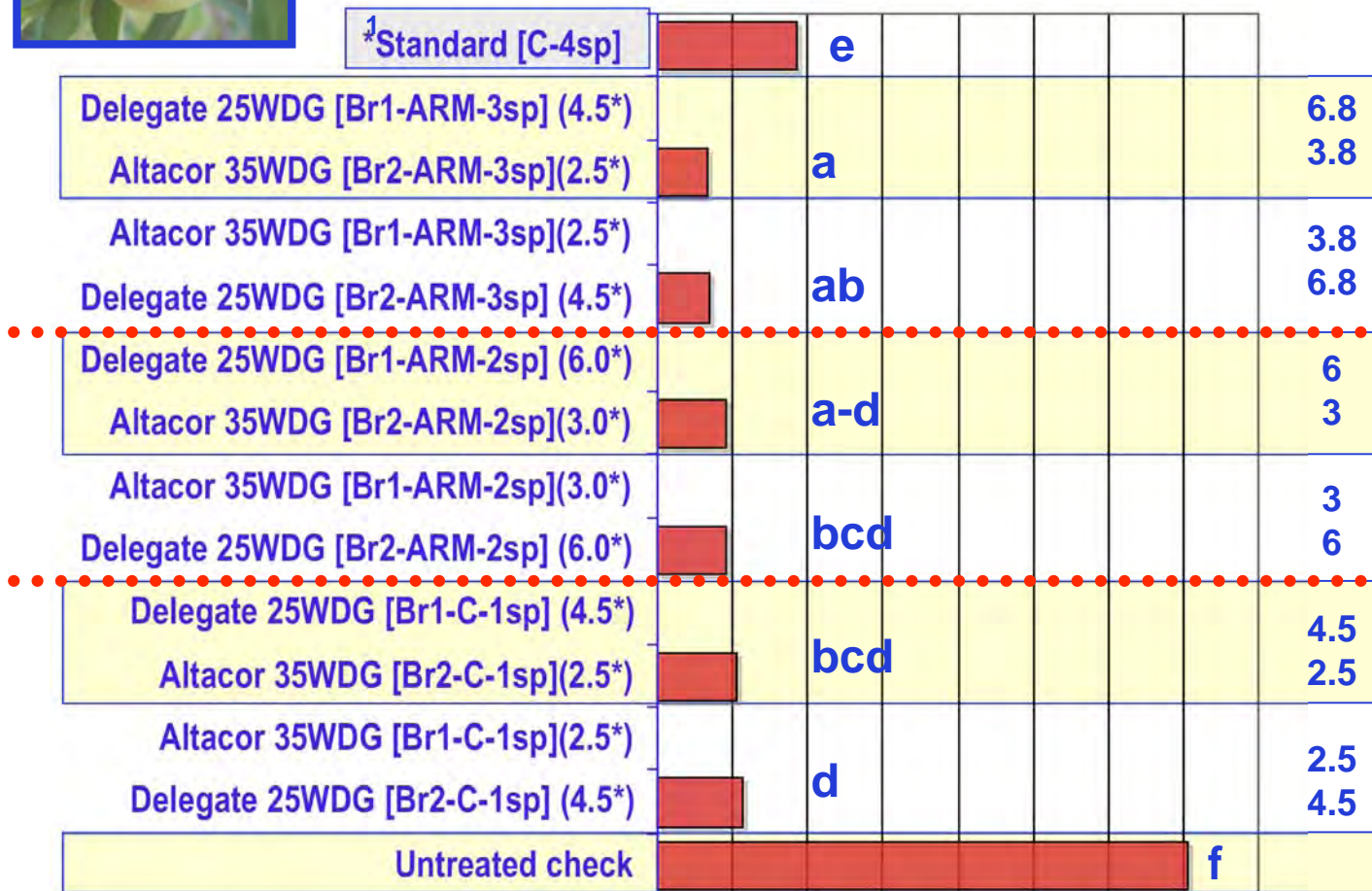
100GPA
L. A. Hull 2008

Entire block treated with 2 ARM applications of Imidan 70W (1lb/A/side) on 16 Jul and 27 Aug.

Large Plot Fruit Injury / Internal Larvae - 2008



Total
amt/season*



¹Standard [C] =
 Intrepid 2F (8)
 Calypso 480SC (6)
 + Intrepid 2F (8)
 Rimon 0.83EC (20)
 Calypso 480SC (6)
 () = fl oz/A

Cultivars:
 'Yorking' &
 'Golden Delicious'

* =oz/A

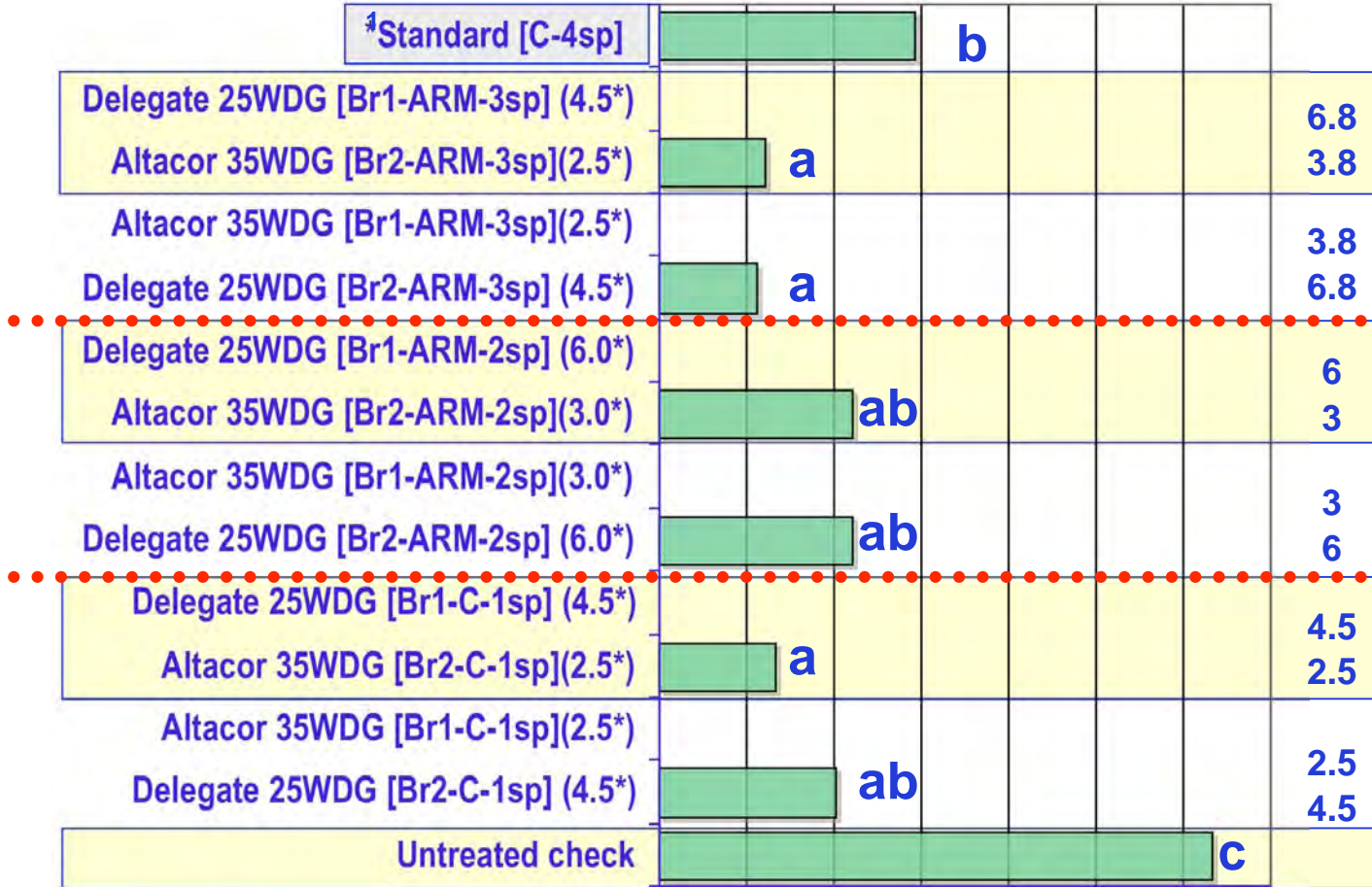
100 GPA

CM/OFM Stings and Entries per 100 apples

Large Plot Fruit Injury / Leafrollers-2008



Total
amt/season*



- ¹Standard [C] =
- Intrepid 2F (8)
- Calypso 480SC (6) + Intrepid 2F (8)
- Rimon 0.83EC (20)
- Calypso 480SC (6)
- () = fl oz/A

Cultivar:
'Yorking'

* =oz/A

100 GPA

Total Leafrollers per 100 apples