



Rice Insect Control

Grape Colaspis or
Lespedeza Worm Control
LACA

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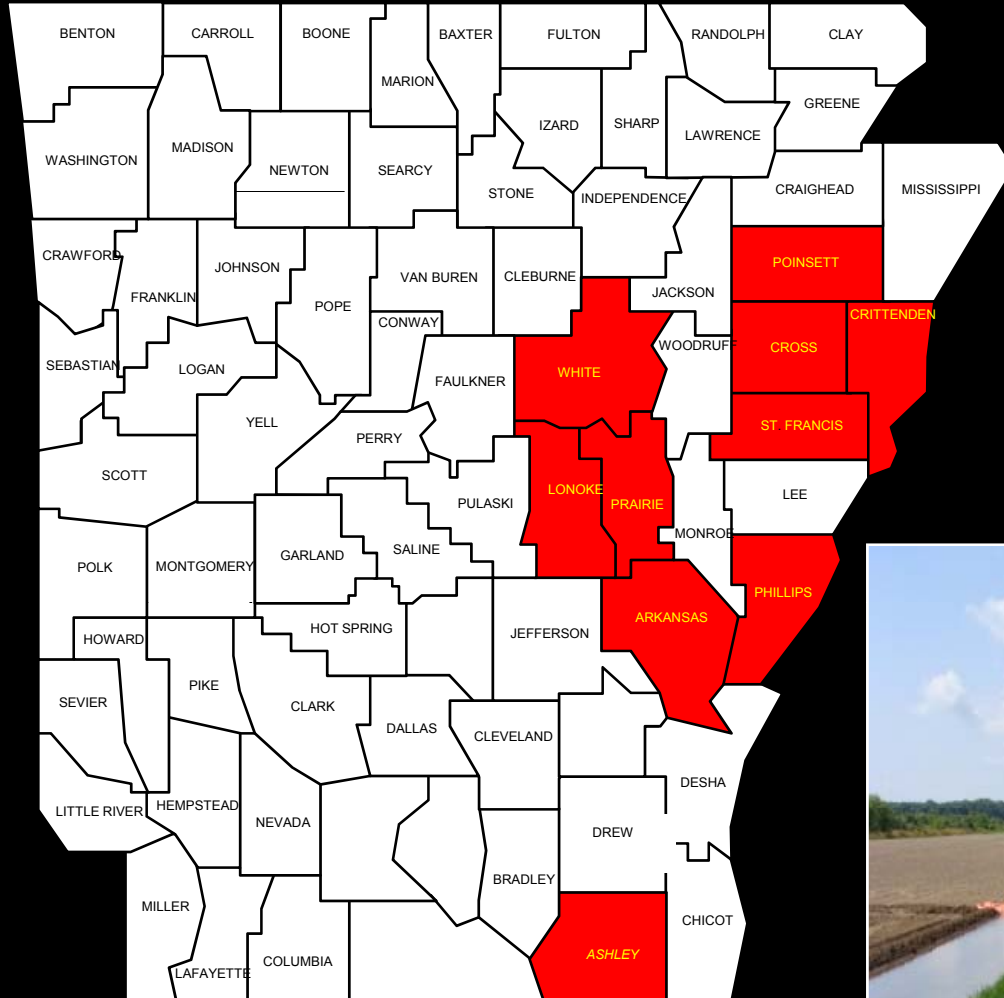


Grape Colaspis Damage “Bean Row Effect”



Grape Colaspis Injury, Lonoke Co. 2008





Seed Treatment

2009 Test Locations

15- Small Plot Locations
13- Large Block Locations

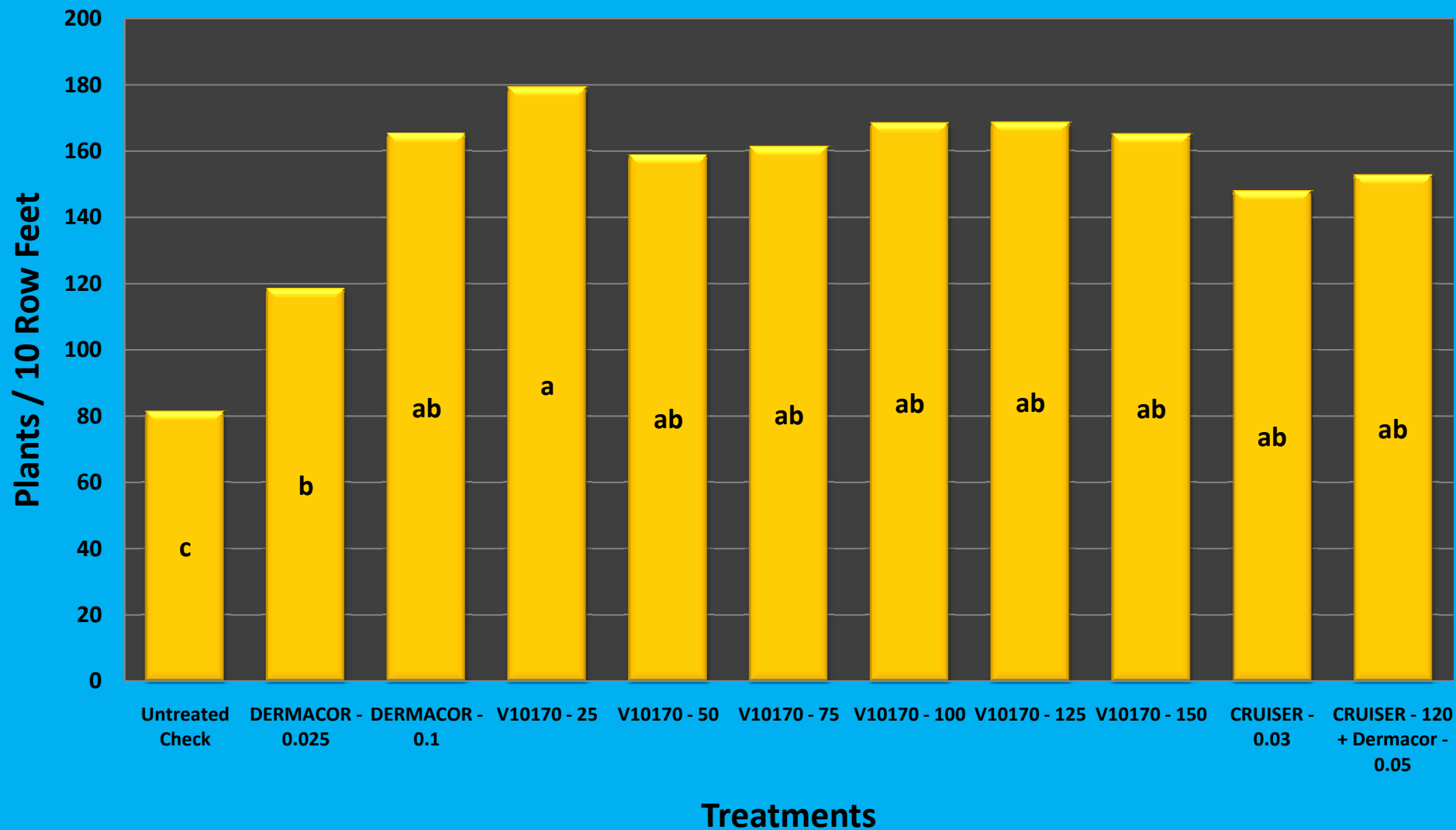


WHEN TO USE SEED TREATMENTS

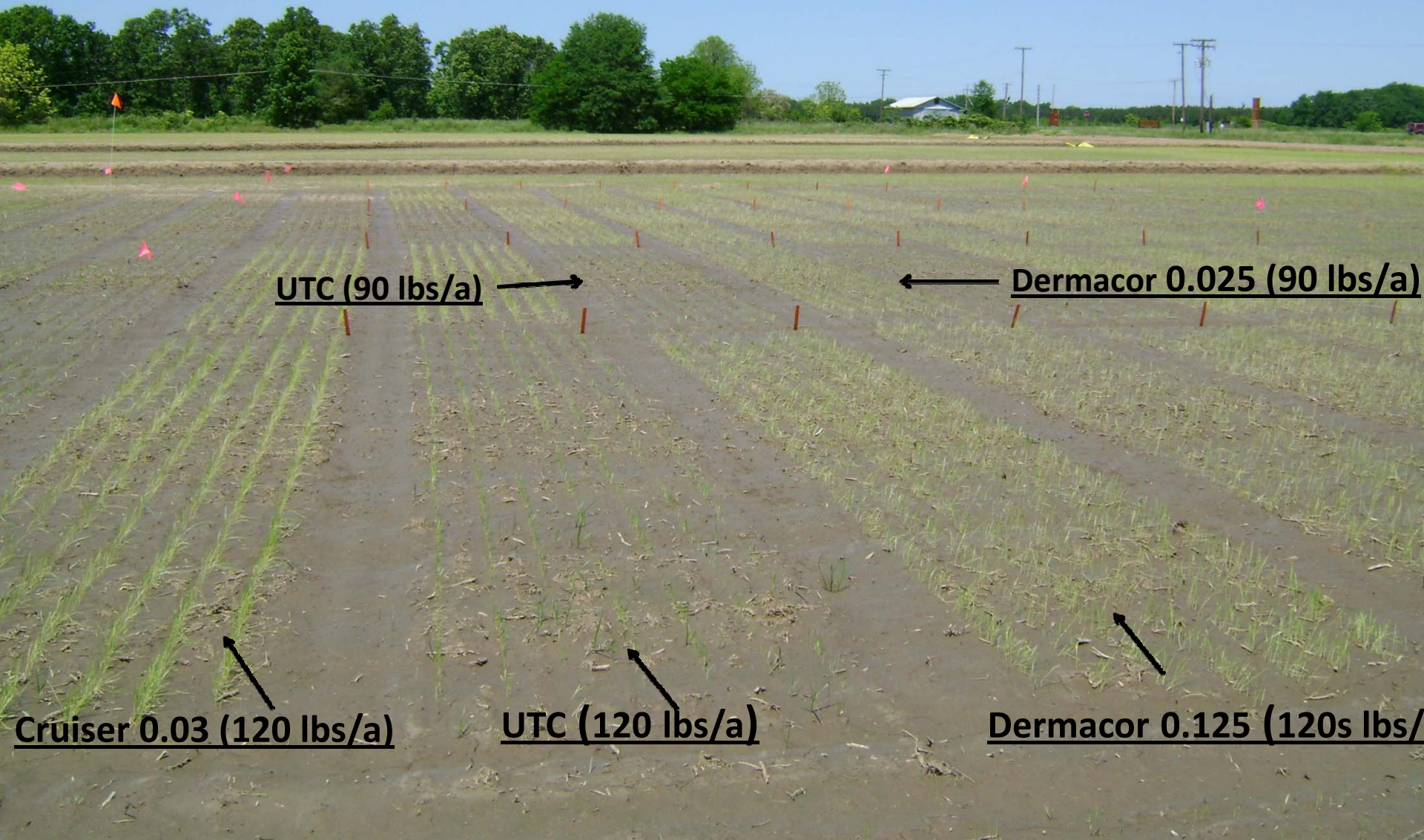
- **HIGH VALUE SEED – LOW SEEDING RATES**
 - Hybrid Rice: Clearfield Rice: New Varieties
- **LESS THAN OPTIMUM CONDITIONS**
 - March/ April Planting : No Till : Marginal Seed Quality
- **KNOWN PROBLEM FIELDS**
 - Grape Colaspis, Rice water weevil...
- **VARIETIES WITH POOR VIGOR**



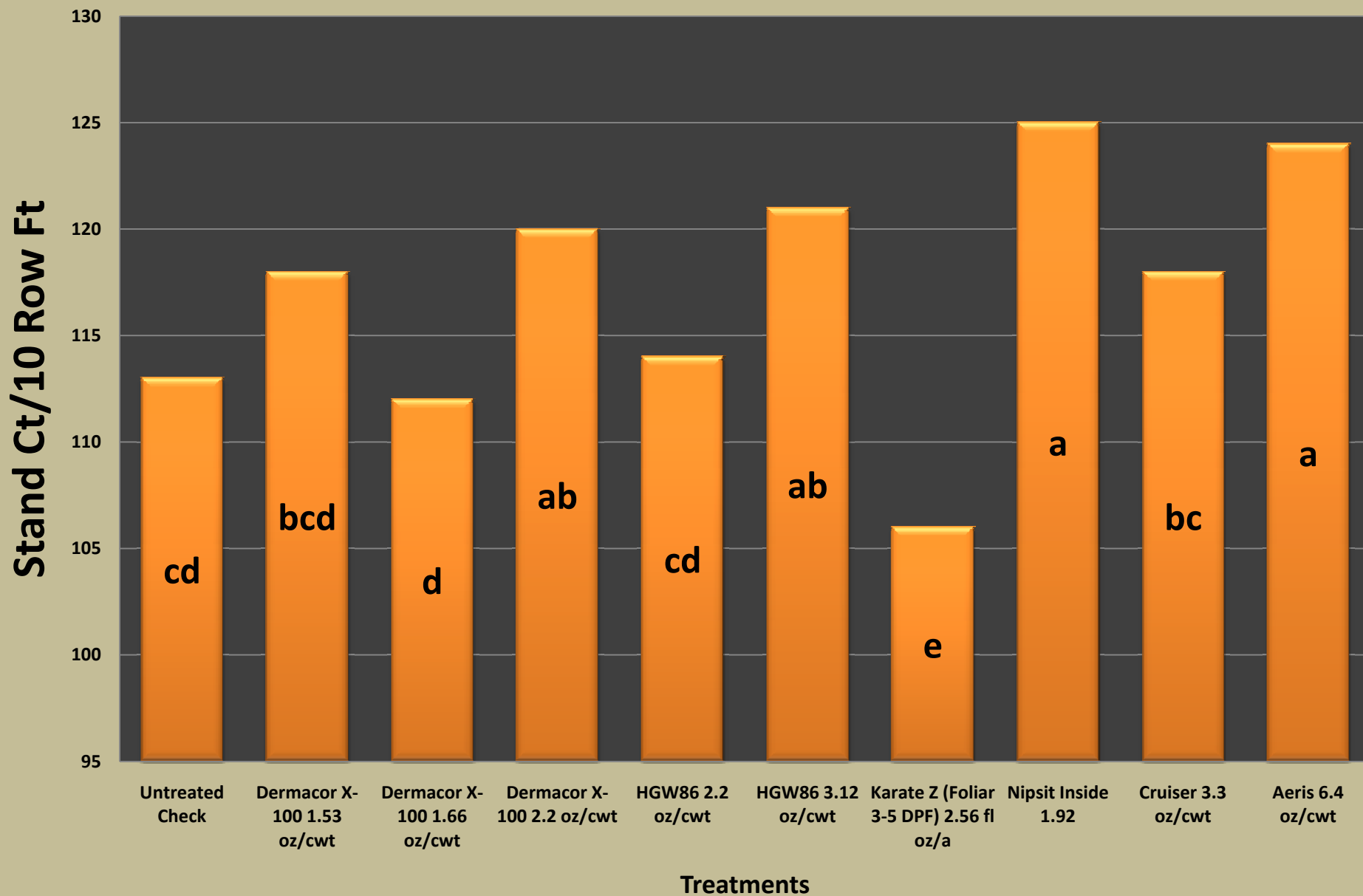
Prairie County, Rice Seed Treatment 2- Plant Stand Count - (Price) 2008



Prairie County, (Price Bros. Farm) Seeding Rate Trial 2008



Across 4 Locations Stand Count Summary (10T) 2009



St. Francis County Rice Seed Treatment 2 (Pinetree Exp. Station) 2008

Dermacor 0.025

UTC

St. Francis County, Rice Seed Treatment 2 (Pinetree Exp. Station) 2008

UTC

Nipsit Inside (125)

Seeding Rate @ Price Bros. 7 Days Post Flood, 2009

**NipsIt
Inside**

3
-
0
⑦
DSR

3
-
1
③
DSR

UTC

Large Block Dermacor Trials, 2008



Untreated

Dermacor

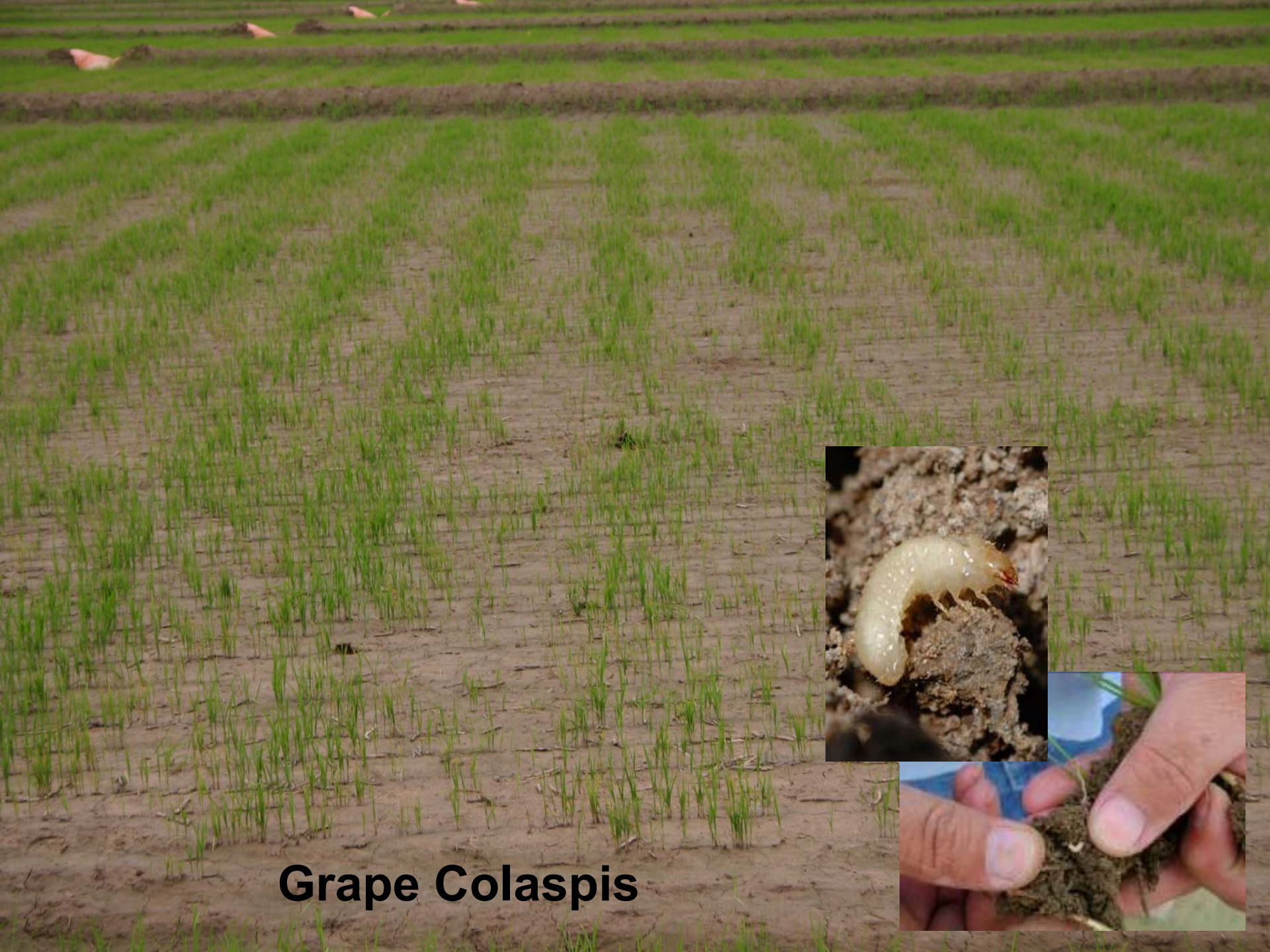
Prairie County, Large Block Demo @ Hardke Bros. 13 Days Post Planting (Francis), 2009

UTC



Cruiser



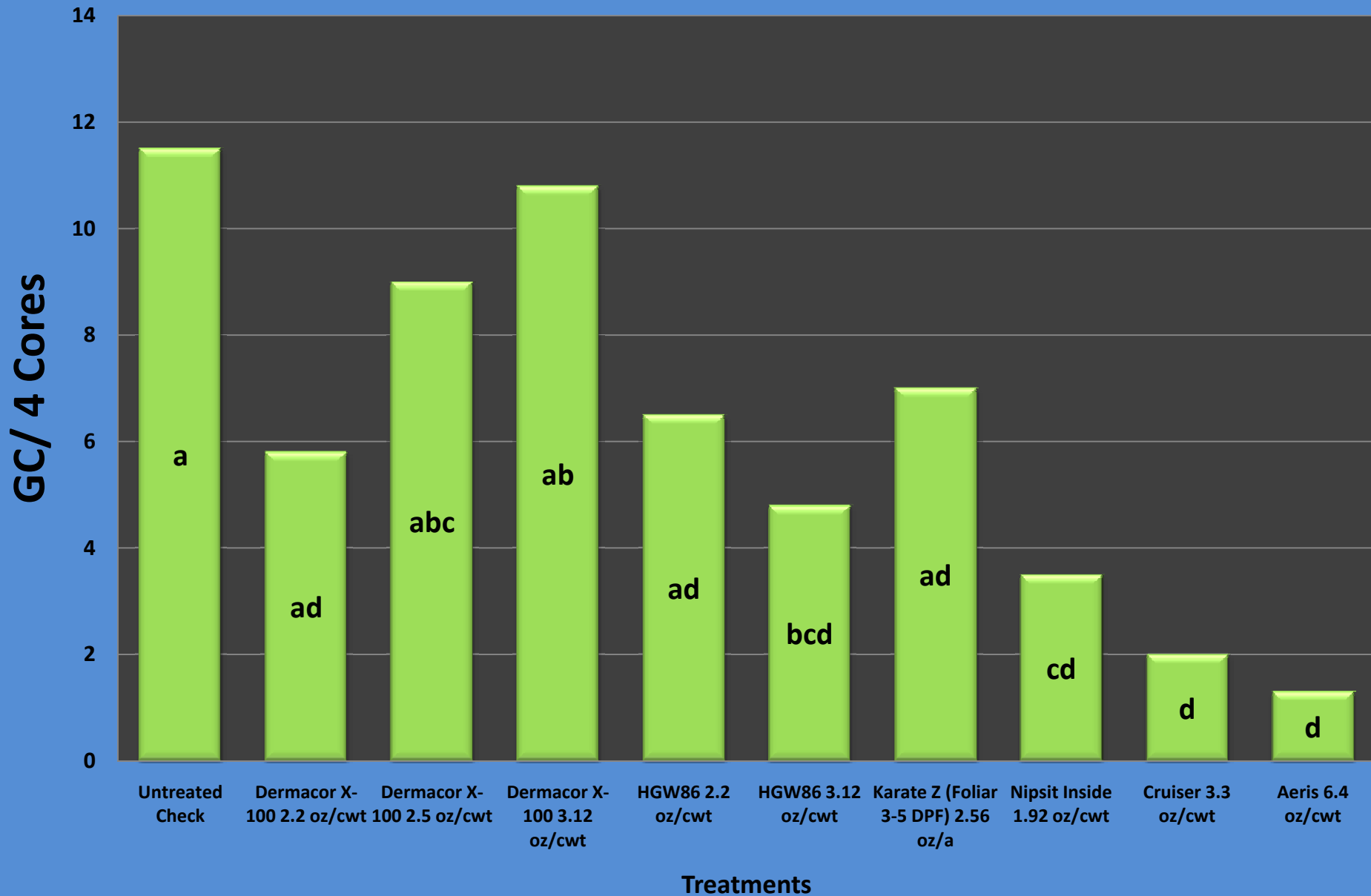


Grape Colaspis

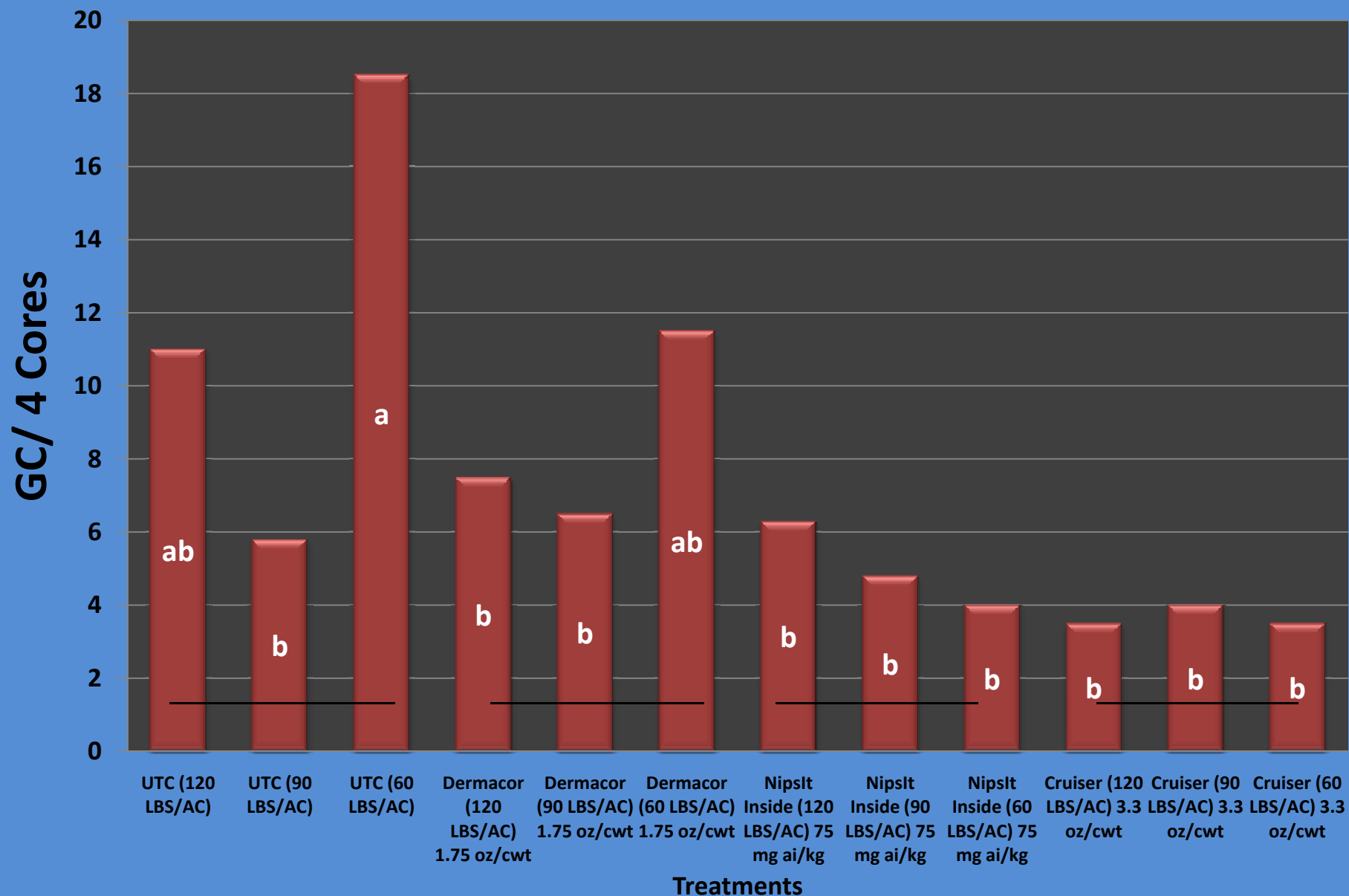
Prairie County, Seeding Rate Rice Seed Treatment (Price) 2008						
Treatments	5/7/2008	6/5/2008	6/5/2008	6/30/2008	6/30/2008	9/22/2008
	STAND CT	STAND CT	PLANT HT	RWW	GC	Harvest
	10/FT	10 FT	10 AVG	TOTAL	TOTAL	Bu/a
Untreated Check(120lbs/a)	35.5 b	125.8 b	15.6 a	35.8 b	5.8 a	206.618 b
Dermacor (120 lbs/a) 0.00625	159.8 a	146.8 ab	15.03 a	9.5 c	2.8 b	227.508 a
Dermacor (120 lbs/a) 0.125	144.8 a	142.5 ab	15.33 a	2.5 c	1.5 b	224.745 a
Cruiser (120lbs/a) 0.03	163.8 a	166.3 a	16.15 a	5.3 c	0 b	231.223 a
Dermacor (90lbs/a) 0.125	114.3 a	131.5 ab	15.4 a	2 c	1 b	223.42 a
Dermacor (90lbs/a) 0.025	105.8 a	134.8 ab	15.55 a	1 c	1.3 b	220.34 a
Cruiser (90lbs/a) 0.03	146.3 a	155 ab	15.9 a	11.5 c	0 b	235.245 a
Untreated Check(90lbs/a)	36 b	96.3 c	14.93 a	56 a	7.3 a	175.073 b

LARGE BLOCK DERMACOR Grape Colaspis Totals 2008				GC Core Samples	
Sample Date	LOCATION		Sample Size	UTC Totals	Dermacor Totals
5/14/08	Brad Koen		/15	59	14
5/19/08			/50	87	81
5/19/08	Randall Snider		/15	6	3
5/12/08	Robert Moery		/15	1	0
5/22/08			/50	9	18
5/27/08			/25	9	6
5/28/08	Poinsett County		/25	12	14
6/3/08			/25	26	2
5/14/08	Schaffer		/10	3	0
5/14/08	SP Schwartz		/15	0	0
5/29/08			/25	16	8
6/3/08			/25	28	25
5/30/08	Mike & Gary Hardke		/25	3	3
6/9/08			/25	13	7
7/10/08			/20	1	1
6/3/08	Robert Seidenstricker		/25	4	5
5/12/08	Heath Long/ Tichenor		/15	2	4
5/19/08			/15	7	5
7/7/08			/20	32	4
	SEASONAL GRAPE COLASPIS TOTALS			318	200

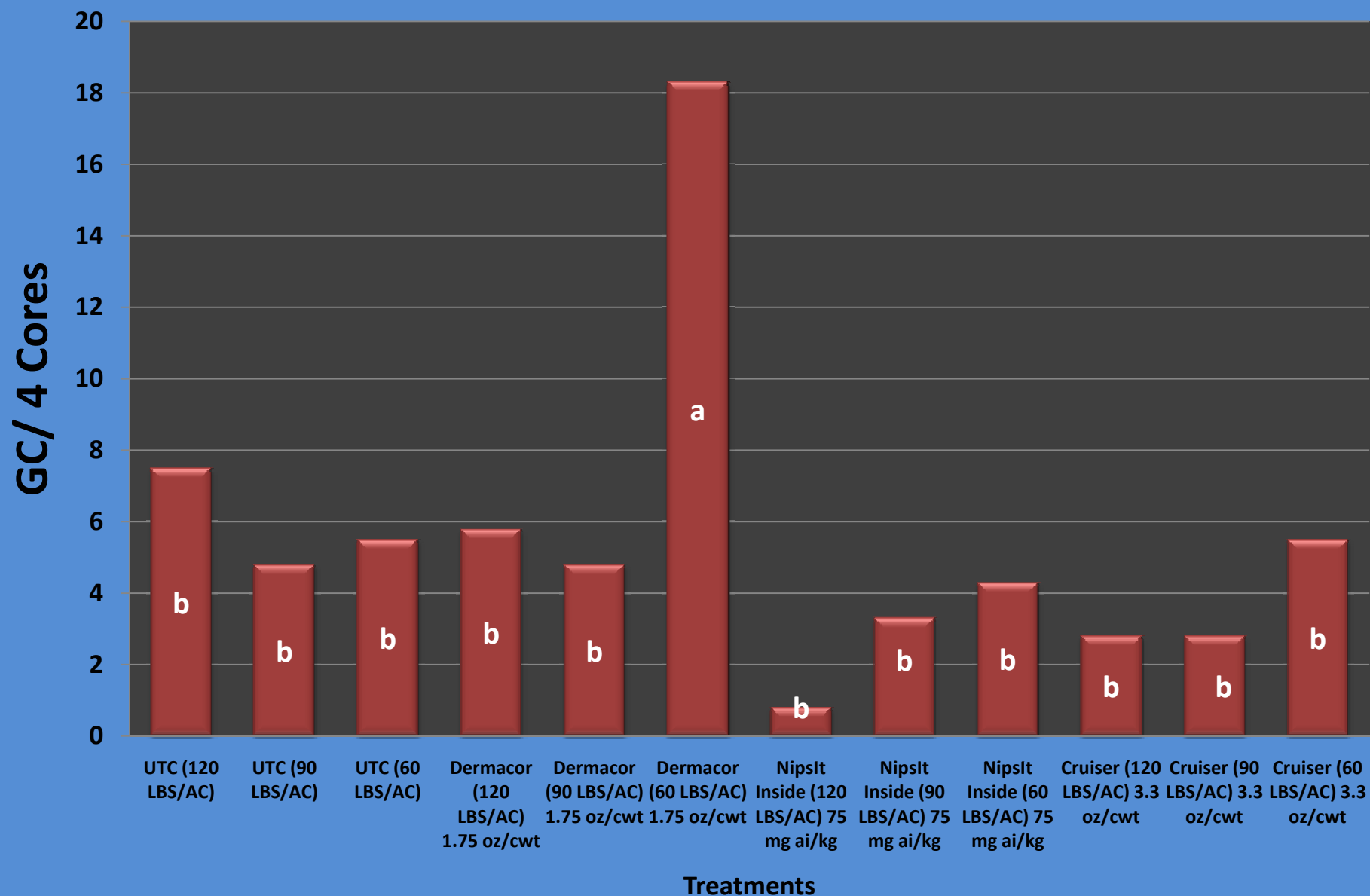
St. Francis County, GC Core Sample Totals @ Pinetree (10 T) 2009



St. Francis County, GC Core Sample Totals 36 DAP @Pinetree (Seeding Rate) 2009



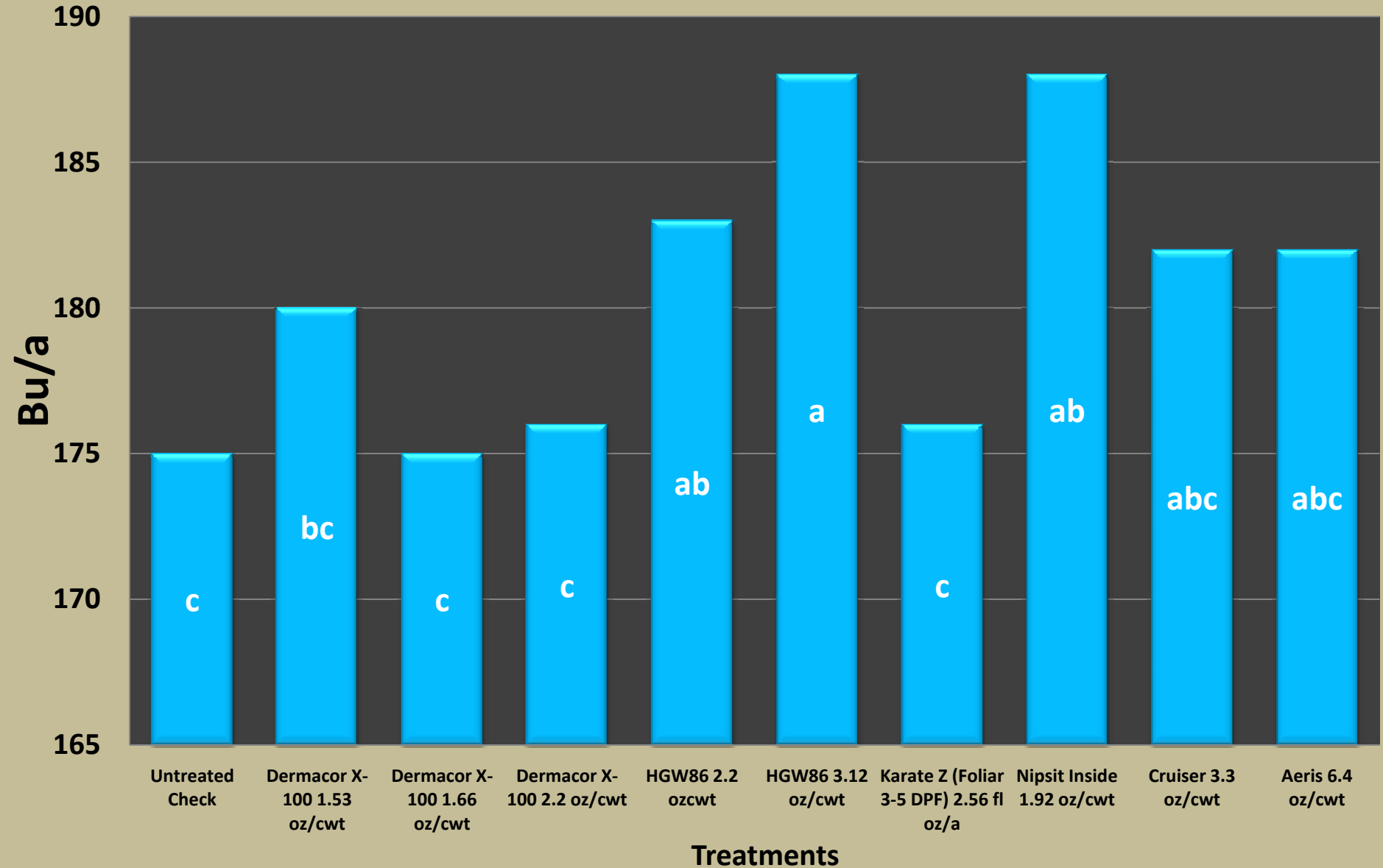
St. Francis County, GC Core Sample Totals 42 DAP @ Pinetree (Seeding Rate) 2009



Harvest Data

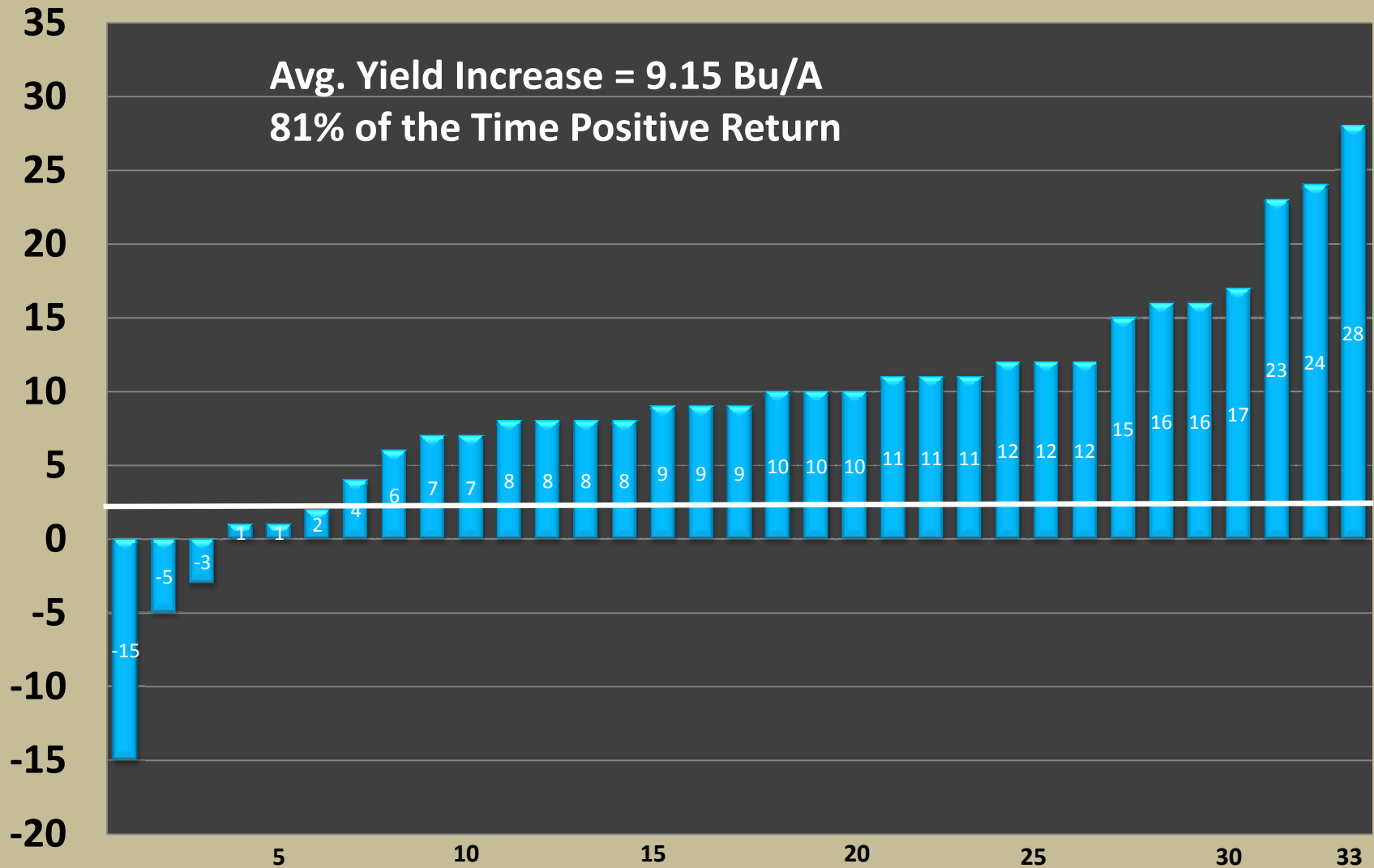


Across 4 Locations Harvest Summary (10T) 2009



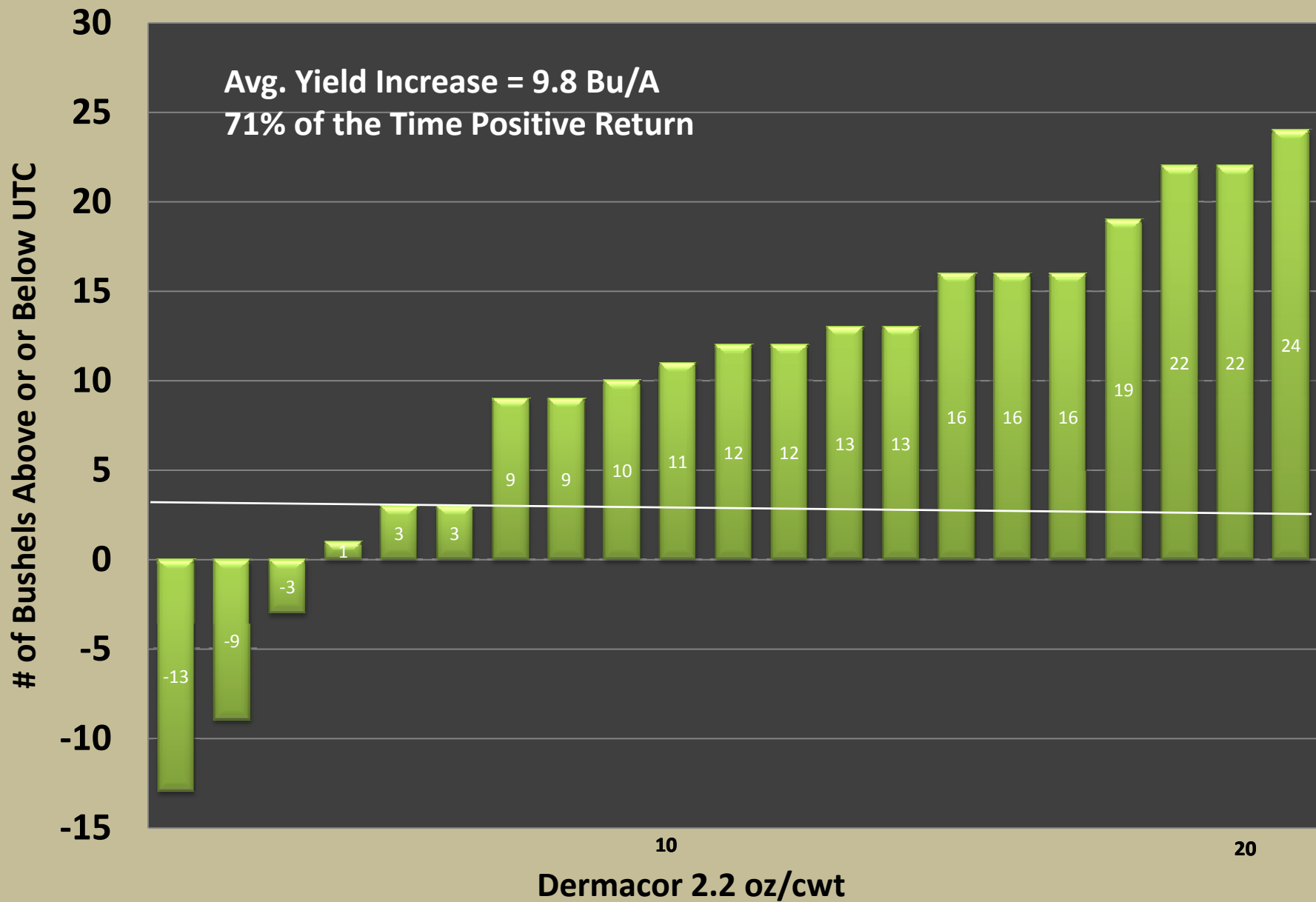
(2008-2009) Summary of Yield Increase Above or Below UTC

of Bushels Above or Below UTC

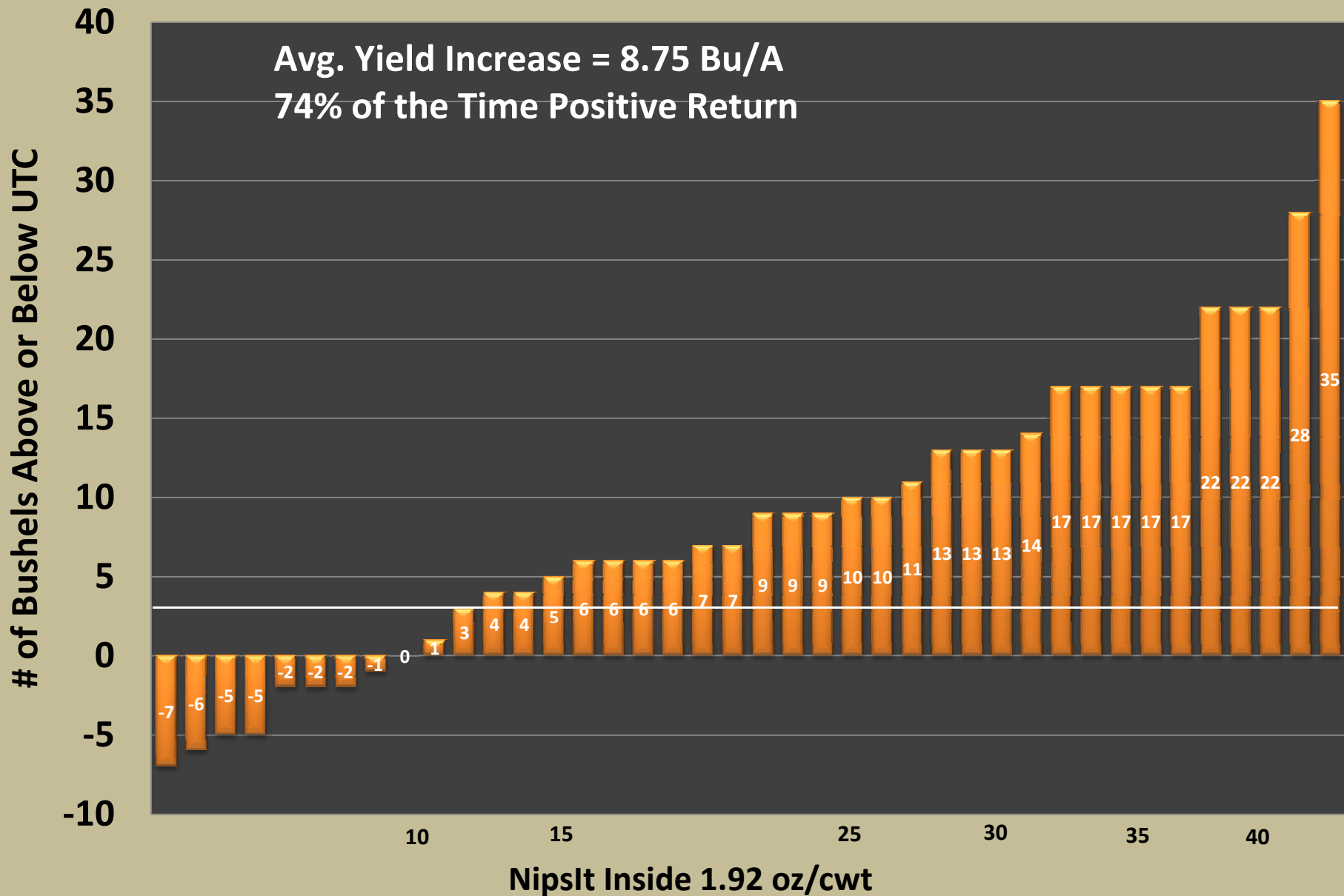


Cruiser 3.3 oz/cwt

(2007-2009) Summary of Yield Increase Above or Below UTC



(2007-2009) Summary of Yield Increase Above or Below UTC



Final Words

- Vigor associated with seed treatments- increased stand count and plant height
- Trials indicate that these products provide excellent control of RWW
- Cruiser and NipsIt Inside provide better control of GC than Dermacor.
- Dermacor has edge on weevil control
- It appears that seed treatments may be the best means to control RWW and GC
- Cruiser has label. Dermacor soon. Nipsit ??

