

Table 1. Sweet Corn Seed Treatment for Stand Establishment, OH - 2003

Seed Treatment	FREMONT		HILLSBORO		COLD TEST RESULTS		vigor ranking*	vigor ranking*
	'How Sweet It Is' (sh2)	'July Gold' (se)	'How Sweet It Is' (sh2)	'July Gold' (se)	CULTIVAR A	CULTIVAR B	CULTIVAR A	CULTIVAR B
	CULTIVAR A	CULTIVAR B	CULTIVAR A	CULTIVAR B	-----% germ-----			
Untreated check	32	47	12	12	73	48	8	11
Captan 400 (3 fl oz/cwt) Thiram 42S (2.5 fl oz/cwt) Allegiance (.75 fl oz/cwt)	62	74	26	38	77	74	7	4
Captan 400 (3 fl oz/cwt) Thiram( 42S 2.5 fl oz/cwt) Allegiance (.75 fl oz/cwt) Flo Pro Imz( .5 fl oz/cwt)	75	70	28	36	79	83	5	3
Captan 400 (3 fl oz/cwt) Thiram 42S( 2.5 fl oz/cwt) Allegiance (.75 fl oz/cwt) Topsin 4.5 (4.2 fl oz/cwt)	76	81	33	50	77	73	3	1
Captan 400 (3 fl oz/cwt) Thiram 42S (2.5 fl oz/cwt) Allegiance (.75 fl oz/cwt) L1115-A1 (100 ppm ae)	69	70	37	38	79	77	4	5
Captan 400 (3 fl oz/cwt) Thiram 42S (2.5 fl oz/cwt) Allegiance (.75 fl oz/cwt) Poncho (3.2 fl oz/cwt)	67	72	44	58	81	67	1	2
Cruiser 5 FS (.0125 mgAl/seed) Maxim 4 FS (2.5 gAl/100 Kg) Apron XL 3 LS (7.5 gAl/100 Kg)	73	74	32	36	71	63	6	8
A13641 (0.134 mgAl/seed) Apron XL 3 LS (6.5 gAl/100 Kg)	75	75	40	37	73	59	2	9
Maxim 4 FS (2.5 gAl/100 Kg) Apron XL 3 LS (7.5 gAl/100 Kg)	69	67	28	26	68	56	6	10
A13641 (0.268 mgAl/seed) Apron XL 3 LS (5.5 gAl/100 Kg)	74	70	36	42	73	73	3	5
Maxim 4 FS (2.5 gAl/100 Kg) Apron XL 3 LS (1.0 gAl/100 Kg) CGA301940 (1.0 gAl/100 Kg)	74	72	36	34	75	71	4	7
Maxim 4 Fs (3.5 gAl/100 Kg) Apron XL 3 LS (4.5 gAl/100 Kg) Dividend Xtreme 0.96 FS (15.0 gAl/100 Kg)	75	71	35	31	82	76	1	6
LSD (0.05)	8.5	10.4	13.2	15.5	NS	8.1		
C.V.	19.1	14.5	34.7	40.0	10.0	16.0		

\* = vigor ranking with low numbers indicate higher emergence  
vigor rating is based on percent field emergence at 2 locations plus lab cold test germination results