

BROWN PATCH ANALYSIS

Brown Patch	Ascernity 1 gal	Ascernity 10gal LP	Briskway 1 gal	Headway 1 gal	Heritage Action 1 lb	Posterity XT 2.5 gal	Honor 36lb	Insignia 2.5 gal	Lexicon 21 oz	Navicon 2.5 gal	Pedigree 2.5 gal	Posterity Forte - 1 gal	Rayora 2.5 gal
rate range	1 oz/M	1 oz/M	.5 - 1.2 oz/M	1.5 - 3 oz/M	.2 - .4 oz/M	1.5 - 3 oz/M	.55 - 1.1 oz/M	.4 - .7 oz/M	.34 - .47 oz/M	.7 - .85 oz/M	2.2 - 3.25 oz/M	.42 - .84 oz/M	.7 - 1.4 oz/M
Unit Cost	\$ 507.00	\$ 489.00	\$ 1,486.00	\$ 547.00	\$ 386	\$ 652.50	\$ 5,112.00	\$ 3,761	\$ 630.00	\$ 3,660.00	\$ 922.50	\$ 852.00	\$ 631.40
% Rebates	13%	13%	13%	13%	13%	25%	24%	24%	24%	24%	14%	25%	39%
Rebate \$	\$ 65.91	\$ 63.57	\$ 193.18	\$ 71.11	\$ 50.18	\$ 163.13	\$ 1,226.88	\$ 902.70	\$ 151.20	\$ 878.40	\$ 129.15	\$ 213.00	\$ 246.25
Net Cost	\$ 441	\$ 425	\$ 1,293	\$ 476	\$ 336	\$ 489	\$ 3,885	\$ 2,859	\$ 479	\$ 2,782	\$ 793	\$ 639	\$ 385
Net Cost/oz	\$ 3.45	\$ 3.32	\$ 10.10	\$ 3.72	\$ 20.99	\$ 1.53	\$ 6.75	\$ 8.93	\$ 22.80	\$ 8.69	\$ 16.53	\$ 4.99	\$ 1.20
oz/1000	1	1	0.9	3	0.4	3	1.1	0.7	0.47	0.85	3.25	0.63	1.4
oz/Ac	43.56	43.56	39.20	130.68	17.42	130.68	47.92	30.49	20.47	37.03	141.57	27.44	60.98
Days of Control	28	28	28	28	28	28	28	28	28	28	21	14	14
cost / ac	\$ 150.11	\$ 144.78	\$ 395.97	\$ 485.85	\$ 365.71	\$ 199.85	\$ 323.19	\$ 272.38	\$ 466.79	\$ 321.85	\$ 2,339.89	\$ 137.00	\$ 73.40
Cost per day	\$ 5.36	\$ 5.17	\$ 14.14	\$ 17.35	\$ 13.06	\$ 7.14	\$ 11.54	\$ 9.73	\$ 16.67	\$ 11.49	\$ 111.42	\$ 9.79	\$ 5.24
Cost Rank	5	2	21	23	20	10	18	14	22	17	24	15	3
Efficacy Rating	++++	++++	++++	++++	++++	++++	++++	++++	++++	++++	+++	++++	+++

Brown Patch	Tekken 2.5 gal	Secure Action 2.5 gal	Velista 22oz	Xzemplar 114oz	Exteris 2.5 gal	Mirage. 2.5 gal	Tartan. 2.5 gal	Traction 2.5 gal	Pinpoint 60oz	Densicor 51 oz	Kalida 64 oz
rate range	3 oz/ M	0.5 oz/M	.5 - .7 oz/M	.26 - .48 oz/M	2.14 - 6 oz/M	1-2 oz/M	1-2 oz/M	1.3 oz/M	.31 oz/M	.196 oz/M	.24-.4 oz/M
Unit Cost	\$ 440.00	\$ 1,777.50	\$ 297.00	\$ 1,801.20	\$ 370.00	\$ 493.00	\$ 981.35	\$ 652.25	\$ 490.55	\$ 667.66	\$ 866.40
% Rebates	14%	25%	13%	24%	26%	32%	28%	11%	6%	33%	48%
Rebate \$	\$ 61.60	\$ 444.38	\$ 38.61	\$ 432.29	\$ 96.20	\$ 157.76	\$ 274.78	\$ 71.75	\$ 30.90	\$ 220.33	\$ 415.87
Net Cost	\$ 378	\$ 1,333	\$ 258	\$ 1,369	\$ 274	\$ 335	\$ 707	\$ 581	\$ 460	\$ 447	\$ 451
Net Cost/oz	\$ 1.18	\$ 4.17	\$ 11.75	\$ 12.01	\$ 0.86	\$ 1.05	\$ 2.21	\$ 1.81	\$ 7.66	\$ 8.77	\$ 7.04
oz/1000	3	0.5	0.7	0.26	2.14	2	2	1.3	0.31	0.196	0.4
oz/Ac	130.68	21.78	30.49	11.33	93.22	87.12	87.12	56.63	13.50	8.54	17.42
Days of Control	14	14	28	21	14	14	21	14	14	14	28
cost / ac	\$ 154.53	\$ 90.74	\$ 358.13	\$ 136.00	\$ 79.76	\$ 91.27	\$ 192.36	\$ 102.73	\$ 103.45	\$ 74.89	\$ 122.66
Cost per day	\$ 11.04	\$ 6.48	\$ 12.79	\$ 6.48	\$ 5.70	\$ 6.52	\$ 9.16	\$ 7.34	\$ 7.39	\$ 5.35	\$ 4.38
Cost Rank	16	8	19	7	6	9	13	11	12	4	1
Efficacy Rating	++++	++++	++++	++++	+++	+++	+++	++++	++	+++	++++



W.S. CONNELLY & CO. INC.

FAIRY RING ANALYSIS

Fairy Ring	Briskway 1 gal	Posterity XT 2.5 gal	Velista 22oz	Maxtima 2.5 gal	Navicon 2.5 gal	Headway 1 gal	Heritage Action 1 lb	Honor 36lb	Insignia 2.5 gal	Lexicon 21 oz	Mirage 2.5 gal	Tartan 2.5 gal
rate range	.5 - 1.2 oz/M	1.5 - 3 oz/M	.5 - .7 oz/M	.2 - .8 oz/M	.7 - .85 oz/M	1.5 - 3 oz/M	.2 - .4 oz/M	.55 - 1.1 oz/M	.4 - .7 oz/M	.34 - .47 oz/M	1-2 oz/M	1-2 oz/M
Unit Cost	\$ 1,486.00	\$ 652.50	\$ 297.00	\$ 2,357.50	\$ 3,660.00	\$ 547.00	\$ 386	\$ 5,112.00	\$ 3,761	\$ 630.00	\$ 493.00	\$ 981.35
% Rebates	13%	25%	13%	24%	24%	13%	13%	24%	24%	24%	32%	28%
Rebate \$	\$ 193.18	\$ 163.13	\$ 38.61	\$ 565.80	\$ 878.40	\$ 71.11	\$ 50.18	\$ 1,226.88	\$ 902.70	\$ 151.20	\$ 157.76	\$ 274.78
Net Cost	\$ 1,293	\$ 489	\$ 258	\$ 1,792	\$ 2,782	\$ 476	\$ 336	\$ 3,885	\$ 2,859	\$ 479	\$ 335	\$ 707
Net Cost/oz	\$ 10.10	\$ 1.53	\$ 11.75	\$ 5.60	\$ 8.69	\$ 3.72	\$ 20.99	\$ 6.75	\$ 8.93	\$ 22.80	\$ 1.05	\$ 2.21
oz/1000	0.7	2.25	0.7	0.8	0.85	3	0.4	1.1	0.7	0.47	2	2
oz/Ac	30.49	98.01	30.49	34.85	37.03	130.68	17.42	47.92	30.49	20.47	87.12	87.12
Days of Control	28	28	28	28	28	28	28	28	28	28	28	28
cost / ac	\$ 307.97	\$ 149.89	\$ 358.13	\$ 195.12	\$ 321.85	\$ 485.85	\$ 365.71	\$ 323.19	\$ 272.38	\$ 466.79	\$ 91.27	\$ 192.36
Cost per day	\$ 11.00	\$ 5.35	\$ 12.79	\$ 6.97	\$ 11.49	\$ 17.35	\$ 13.06	\$ 11.54	\$ 9.73	\$ 16.67	\$ 3.26	\$ 6.87
Cost Rank	12	5	16	9	14	20	17	15	11	19	3	8
Efficacy Rating	+++	L	+++	++++	++++	+++	+++	L	+++	+++	+++	++++

Fairy Ring	Tekken 2.5 gal	Posterity 105 oz	Xzemplar 114oz	Rayora. 2.5 gal	Densicor 51 oz	Kalida 64oz	Pinpoint 60oz	Fame SC 2.5gal
Package Volume in oz	320	105	114	320	51	64	60	320
rate range	3 oz/ M	.16 -.32 oz/M	.26 -.48 oz/M	.7 - 1.4 oz/M	.196 oz/M	.25-.4 oz/M	.31 oz/M	.2-.4oz/M
Unit Cost	\$ 440.00	\$ 1,738.00	\$ 1,801.20	\$ 631.40	\$ 667.66	\$ 866.40	\$ 490.55	\$ 6,520.42
% Rebates	14%	25%	24%	39%	33%	48%	6%	45%
Rebate \$	\$ 61.60	\$ 434.50	\$ 432.29	\$ 246.25	\$ 220.33	\$ 415.87	\$ 30.90	\$ 2,934.19
Net Cost	\$ 378	\$ 1,304	\$ 1,369	\$ 385	\$ 447	\$ 451	\$ 460	\$ 3,586
Net Cost/oz	\$ 1.18	\$ 12.41	\$ 12.01	\$ 1.20	\$ 8.77	\$ 7.04	\$ 7.66	\$ 11.21
oz/1000	3	0.32	0.26	1.4	0.196	0.4	0.31	0.4
oz/Ac	130.68	13.94	11.33	60.98	8.54	17.42	13.50	17.42
Days of Control	14	28	21	28	28	28	14	14
cost / ac	\$ 154.53	\$ 173.05	\$ 136.00	\$ 73.40	\$ 74.89	\$ 122.66	\$ 103.45	\$ 195.27
Cost per day	\$ 11.04	\$ 6.18	\$ 6.48	\$ 2.62	\$ 2.67	\$ 4.38	\$ 7.39	\$ 13.95
Cost Rank	13	6	7	1	2	4	10	18
Efficacy Rating	L	L	+++	NR	++++	L	L	L

LARGE PATCH ANALYSIS

Large Patch	Ascernity 1 gal	Ascernity 10 LP	Posterity XT 2.5 gal	Headway 1 gal	Lexicon 21 oz	Pedigree 2.5 gal	Briskway 1 gal	Heritage Action 1 lb	Velista 22oz	Honor 36lb	Insignia 2.5 gal
rate range	1 oz/M	1 oz/M	1.5 - 3 oz/M	1.5 - 3 oz/M	.34 - .47 oz/M	2.2 - 3.25 oz/M	.5 - 1.2 oz/M	.2 - .4 oz/M	.5 - .7 oz/M	.55 - 1.1 oz/M	.4 - .7 oz/M
Unit Cost	\$ 507.00	\$ 489.00	\$ 652.50	\$ 547.00	\$ 630.00	\$ 922.50	\$1,486.00	\$ 386	\$ 297.00	\$ 5,112.00	\$ 3,761
% Rebates	13%	13%	25%	13%	24%	14%	13%	13%	13%	24%	24%
Rebate \$	\$ 65.91	\$ 63.57	\$ 163.13	\$ 71.11	\$ 151.20	\$ 129.15	\$ 193.18	\$ 50.18	\$ 38.61	\$ 1,226.88	\$ 902.70
Net Cost	\$ 441	\$ 425	\$ 489	\$ 476	\$ 479	\$ 793	\$ 1,293	\$ 336	\$ 258	\$ 3,885	\$ 2,859
Net Cost/oz	\$ 3.45	\$ 3.32	\$ 1.53	\$ 3.72	\$ 22.80	\$ 2.48	\$ 10.10	\$ 20.99	\$ 11.75	\$ 6.75	\$ 8.93
oz/1000	1	1	1.5	1.5	0.47	1.5	0.7	0.4	0.7	0.55	0.7
oz/Ac	43.56	43.56	65.34	65.34	20.47	65.34	30.49	17.42	30.49	23.96	30.49
Days of Control	42	42	28	28	28	14	28	28	28	14	28
cost / ac	\$ 150.11	\$ 144.78	\$ 99.92	\$ 242.93	\$ 466.79	\$ 161.99	\$ 307.97	\$ 365.71	\$ 358.13	\$ 161.60	\$ 272.38
Cost per day	\$ 3.57	\$ 3.45	\$ 3.57	\$ 8.68	\$ 16.67	\$ 11.57	\$ 11.00	\$ 13.06	\$ 12.79	\$ 11.54	\$ 9.73
Cost Rank	4	1	3	10	19	16	12	18	17	15	11
Efficacy Rating	++++	++++	++++	++++	+++	++++	L	+++	+++	L	+++

Large Patch	Navicon 2.5 gal	Xzemplar 114oz	Mirage 2.5 gal	Tartan 2.5 gal	Tekken 2.5 gal	Densicor 51 oz	Kalida 64 oz	Rayora 2.5 gal
rate range	.7 - .85 oz/M	.26 - .48 oz/M	1-2 oz/M	1-2 oz/M	3 oz/ M	.196 oz/M	.25-.4 oz/M	.7 - 1.4 oz/M
Unit Cost	\$ 3,660.00	\$ 1,801.20	\$ 493.00	\$ 981.35	\$ 440.00	\$ 667.66	\$ 866.40	\$ 631.40
% Rebates	24%	24%	32%	28%	14%	33%	48%	39%
Rebate \$	\$ 878.40	\$ 432.29	\$ 157.76	\$ 274.78	\$ 61.60	\$ 220.33	\$ 415.87	\$ 246.25
Net Cost	\$ 2,782	\$ 1,369	\$ 335	\$ 707	\$ 378	\$ 447	\$ 451	\$ 385
Net Cost/oz	\$ 8.69	\$ 12.01	\$ 1.05	\$ 2.21	\$ 1.18	\$ 8.77	\$ 7.04	\$ 1.20
oz/1000	0.85	0.26	2	2	3	0.196	0.4	1.4
oz/Ac	37.03	11.33	87.12	87.12	130.68	8.54	17.42	60.98
Days of Control	28	21	21	28	14	21	28	16
cost / ac	\$ 321.85	\$ 136.00	\$ 91.27	\$ 192.36	\$ 154.53	\$ 74.89	\$ 122.66	\$ 73.40
Cost per day	\$ 11.49	\$ 6.48	\$ 4.35	\$ 6.87	\$ 11.04	\$ 3.57	\$ 4.38	\$ 4.59
Cost Rank	14	8	5	9	13	2	6	7
Efficacy Rating	L	L	++++	NR	++++	++++	L	L

MICRODOCHIUM PATCH ANALYSIS

Microdochium Patch	Headway 1 gal	Enclave 2.5 gal	Instrata 2.5 gal	Traction 2.5 gal	Interface 2.5 gal	Tekken 2.5 gal	Posterity XT 2.5 gal	Densicor 51 oz	Concert II 2.5 gal	26/36 2.5 gal	Turfcide 400 2.5 gal	Lexicon 21 oz	Navicon 2.5 gal
rate range	1.5 - 3 oz/M	7 - 8 oz/M	5 - 11 oz/M	1.3 oz/M	4 - 7 oz/M	3 oz/ M	1.5 - 3 oz/M	.196 oz/M	5.5 - 8.3 oz/M	2 - 4 oz/M	12 - 16 oz/M	.34 - .47 oz/M	.7 - .85 oz/M
Unit Cost	\$ 547.00	\$ 325.00	\$ 480.00	\$ 652.25	\$ 544.35	\$ 440.00	\$ 652.50	\$ 667.66	\$ 270.00	\$ 341.50	\$ 210.15	\$ 630.00	\$ 3,660.00
% Rebates	13%	28%	13%	11%	35%	14%	25%	33%	13%	9%	9%	24%	24%
Rebate \$	\$ 71.11	\$ 91.00	\$ 62.40	\$ 71.75	\$ 190.52	\$ 61.60	\$ 163.13	\$ 220.33	\$ 35.10	\$ 30.74	\$ 18.91	\$ 151.20	\$ 878.40
Net Cost	\$ 476	\$ 234	\$ 418	\$ 581	\$ 354	\$ 378	\$ 489	\$ 447	\$ 235	\$ 311	\$ 191	\$ 479	\$ 2,782
Net Cost/oz	\$ 3.72	\$ 0.73	\$ 1.31	\$ 1.81	\$ 1.11	\$ 1.18	\$ 1.53	\$ 8.77	\$ 0.73	\$ 0.97	\$ 0.60	\$ 22.80	\$ 8.69
oz/1000	3	7	11	1.3	7	3	3	0.196	8.3	4	12	0.47	0.85
oz/Ac	130.68	304.92	479.16	56.63	304.92	130.68	130.68	8.54	361.55	174.24	522.72	20.47	37.03
Days of Control	28	28	28	28	28	28	28	21	28	28	28	28	28
cost / ac	\$ 485.85	\$ 222.97	\$ 625.30	\$ 102.73	\$ 337.15	\$ 154.53	\$ 199.85	\$ 74.89	\$ 265.40	\$ 169.21	\$ 312.38	\$ 466.79	\$ 321.85
Cost per day	\$ 17.35	\$ 7.96	\$ 22.33	\$ 3.67	\$ 12.04	\$ 5.52	\$ 7.14	\$ 3.57	\$ 9.48	\$ 6.04	\$ 11.16	\$ 16.67	\$ 11.49
Cost Rank	24	14	25	4	22	6	11	3	17	7	19	23	20
Efficacy Rating	++++	++++	+++	++++	++++	++	+++	++++	+++	++++	NR	+++	++

Microdochium Patch	Honor 36lb	Insignia 2.5 gal	Aramax 2.5 gal	Tartan. 2.5 gal	Mirage. 2.5 gal	Exteris 2.5 gal	Tourney EZ 1 gal	Civitas Pre-Mixed 2.5 gal	Secure Action 2.5 gal	3336 2.5 gal	Ipro 2SE 2.5 gal	Fame SC 2.5 gal
rate range	.55 - 1.1 oz/M	.4 - .7 oz/M	1 oz/M	1-2 oz/M	1-2 oz/M	4.1 -6 oz/M	.37 - .44 oz/M	8 - 16 oz/M	.5 oz/M	2 - 4 oz/M	4 - 8 oz/M	0.2-0.4 oz/M
Unit Cost	\$ 5,112.00	\$ 3,761	\$ 2,607.50	\$ 981.35	\$ 493.00	\$ 370.00	\$ 885.80	\$ 121.87	\$ 1,777.50	\$ 418.97	\$ 218.00	\$ 6,520.42
% Rebates	24%	24%	33%	28%	32%	26%	16%	25%	35%	7%	2%	42%
Rebate \$	\$ 1,226.88	\$ 902.70	\$ 860.48	\$ 274.78	\$ 157.76	\$ 96.20	\$ 144.12	\$ 30.47	\$ 622.13	\$ 29.33	\$ 4.36	\$ 2,738.58
Net Cost	\$ 3,885	\$ 2,859	\$ 1,747	\$ 707	\$ 335	\$ 274	\$ 742	\$ 91	\$ 1,155	\$ 390	\$ 214	\$ 3,782
Net Cost/oz	\$ 6.75	\$ 8.93	\$ 5.46	\$ 2.21	\$ 1.05	\$ 0.86	\$ 5.79	\$ 0.29	\$ 3.61	\$ 1.22	\$ 0.67	\$ 11.82
oz/1000	1.1	0.7	1	2	2	6	0.44	16	0.5	4	6	0.4
oz/Ac	47.92	30.49	43.56	87.12	87.12	261.36	19.17	696.96	21.78	174.24	261.36	17.42
Days of Control	28	28	28	28	28	28	28	28	28	28	28	28
cost / ac	\$ 323.19	\$ 272.38	\$ 237.81	\$ 192.36	\$ 91.27	\$ 223.63	\$ 111.06	\$ 199.07	\$ 78.64	\$ 212.16	\$ 174.49	\$ 205.92
Cost per day	\$ 11.54	\$ 9.73	\$ 8.49	\$ 6.87	\$ 3.26	\$ 7.99	\$ 3.97	\$ 7.11	\$ 2.81	\$ 7.58	\$ 6.23	\$ 7.35
Cost Rank	21	18	16	9	2	15	5	10	1	13	8	12
Efficacy Rating	+++	+++	++++	++++	+++	+++	++++	+++	+++	+++	+++	++++

PYTHIUM ROOT ROT ANALYSIS

Pythium Root Rot	Serata 35 oz	Segway 39.2 oz	Union 2.5 gal	Resilia 2.72 gal	Chipco Signature 11 lb	Appear II 2 gal	Headway 1 gal	Heritage Action 1 lb	Posterity XT 2.5 gal	Navicon 2.5 gal	Fame + C 2.5 gal	Fame SC 2.5 gal	Banol 2.5 gal	Signature Xtra 5.5 lbs
rate range	.6 - .8 oz/M	.45 - .9 oz/M	2.9 - 5.75 oz/M	4 oz/M	4 - 8 oz/M	6 - 8 oz/M	1.5 - 3 oz/M	.2 - .4 oz/M	1.5 - 3 oz/M	.7 - .85 oz/M	3 - 5.9 oz/M	.18 - .36 oz/M	2 - 4 oz/M	2 - 4 oz/M
Unit Cost	\$ 474.81	\$ 450.00	\$ 737.50	\$ 946.56	\$ 384.56	\$ 438.00	\$ 547.00	\$ 386.00	\$ 652.50	\$ 3,660.00	\$ 575.40	\$ 6,520.42	\$ 1,267.00	\$ 199.88
% Rebates	22%	22%	22%	33%	20%	13%	13%	13%	25%	24%	14%	45%	14%	26%
Rebate \$	\$ 104.46	\$ 99.00	\$ 162.25	\$ 312.36	\$ 76.91	\$ 56.94	\$ 71.11	\$ 50.18	\$ 163.13	\$ 878.40	\$ 80.56	\$ 2,934.19	\$ 177.38	\$ 51.97
Net Cost	\$ 370	\$ 351	\$ 575	\$ 634	\$ 308	\$ 381	\$ 476	\$ 336	\$ 489	\$ 2,782	\$ 495	\$ 3,586	\$ 1,090	\$ 148
Net Cost/oz	\$ 10.58	\$ 8.95	\$ 1.80	\$ 1.82	\$ 1.75	\$ 1.49	\$ 3.72	\$ 20.99	\$ 1.53	\$ 8.69	\$ 1.55	\$ 11.21	\$ 3.41	\$ 1.68
oz/1000	0.6	0.9	2.9	4	4	8	4	0.4	3	0.85	4	0.4	2	4
oz/Ac	26.14	39.20	126.32	174.24	174.24	348.48	174.24	17.42	130.68	37.03	174.24	17.42	87.12	174.24
Days of Control	21	21	14	21	14	14	14	14	14	14	14	14	14	14
cost / ac	\$ 276.56	\$ 351.04	\$ 227.08	\$ 317.39	\$ 304.57	\$ 518.72	\$ 647.81	\$ 365.71	\$ 199.85	\$ 321.85	\$ 269.44	\$ 195.27	\$ 296.65	\$ 292.86
Cost per day	\$ 13.17	\$ 16.72	\$ 16.22	\$ 15.11	\$ 21.76	\$ 37.05	\$ 46.27	\$ 26.12	\$ 14.27	\$ 22.99	\$ 19.25	\$ 13.95	\$ 21.19	\$ 20.92
Cost Rank	1	6	5	4	10	13	14	12	3	11	7	2	9	8
Efficacy Rating	++++	+++	++++	+++	+	L	L	+++	L	L	L	++++	++	++

SPRING DEAD SPOT ANALYSIS

Spring Dead Spot	Posterity 105 oz	Posterity Forte - 1 gal	Kabuto 1 gal	Briskway 1 gal	Headway 1 gal	Posterity XT 2.5 gal	Velista 22oz	Lexicon 21 oz	Maxtima 2.5 gal	Navicon 2.5 gal	Mirage 2.5 gal	Kalida 64 oz	Rayora 2.5 gal	Tekken 2.5 gal	Densicor 51 oz
rate range	.16 -.32 oz/M	.42 -.84 oz/M	.4 - 2 oz/ M	.5 - 1.2 oz/M	1.5 - 3 oz/M	1.5 - 3 oz/M	.5 - .7 oz/M	.34 - .47 oz/M	.2 - .8 oz/M	.7 - .85 oz/M	1-2 oz/M	.25-.4 oz/M	.7 - 1.4 oz/M	3 oz/ M	.196 oz/M
Unit Cost	\$ 1,738.00	\$ 852.00	\$ 680.00	\$ 1,486.00	\$ 547.00	\$ 652.50	\$ 297.00	\$ 630.00	\$ 2,357.50	\$ 3,660.00	\$ 493.00	\$ 866.40	\$ 631.40	\$ 440.00	\$ 667.66
% Rebates	25%	25%	15%	13%	13%	25%	13%	24%	24%	24%	32%	48%	39%	14%	33%
Rebate \$	\$ 434.50	\$ 213.00	\$ 102.00	\$ 193.18	\$ 71.11	\$ 163.13	\$ 38.61	\$ 151.20	\$ 565.80	\$ 878.40	\$ 157.76	\$ 415.87	\$ 246.25	\$ 61.60	\$ 220.33
Net Cost	\$ 1,304	\$ 639	\$ 578	\$ 1,293	\$ 476	\$ 489	\$ 258	\$ 479	\$ 1,792	\$ 2,782	\$ 335	\$ 451	\$ 385	\$ 378	\$ 447
Net Cost/oz	\$ 12.41	\$ 4.99	\$ 4.52	\$ 10.10	\$ 3.72	\$ 1.53	\$ 11.75	\$ 22.80	\$ 5.60	\$ 8.69	\$ 1.05	\$ 7.04	\$ 1.20	\$ 1.18	\$ 8.77
oz/1000	0.32	0.84	1.6	0.9	2.25	3	0.7	0.47	0.8	0.85	2	0.4	1.4	3	0.196
oz/Ac	14.00	36.59	69.70	39.20	98.01	130.68	30.49	20.47	34.85	37.03	87.12	17.42	60.98	130.68	8.54
Days of Control	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
cost / ac	\$ 173.80	\$ 182.67	\$ 314.72	\$ 395.97	\$ 364.39	\$ 199.85	\$ 358.13	\$ 466.79	\$ 195.12	\$ 321.85	\$ 91.27	\$ 122.66	\$ 73.40	\$ 154.53	\$ 74.89
Cost per day	\$ 6.21	\$ 6.52	\$ 11.24	\$ 14.14	\$ 13.01	\$ 7.14	\$ 12.79	\$ 16.67	\$ 6.97	\$ 11.49	\$ 3.26	\$ 4.38	\$ 2.62	\$ 5.52	\$ 2.67
Cost Rank	6	7	10	14	13	9	12	15	8	11	3	4	1	5	2
Efficacy Rating	++++	++++	++++	NR	+++	++++	++++	++++	++++	++++	+++	L	L	++++	+++

TAKE ALL ROOT ROT

Take All Root Rot	Briskway 1 gal	Headway 1 gal	Posterity XT 2.5 gal	Navicon 2.5 gal	Heritage Action 1 lb	Posterity Forte - 1 gal	Insignia 2.5 gal	Lexicon 21 oz	Maxtima 2.5 gal	Mirage 2.5 gal	Tartan 2.5 gal	Tekken 2.5 gal	Densicor 51 oz	Kalida 64oz	Resilia 2.72 gal
rate range	.5 - 1.2 oz/M	1.5 - 3 oz/M	1.5 - 3 oz/M	.7 - .85 oz/M	.2 - .4 oz/M	.42 - .84 oz/M	.4 - .7 oz/M	.34 - .47 oz/M	.2 - .8 oz/M	1-2 oz/M	1-2 oz/M	3 oz/ M	.196 oz/M	.25-.4 oz/M	4 oz/M
Unit Cost	\$ 1,486.00	\$ 547.00	\$ 652.50	\$ 3,660.00	\$ 386	\$ 852.00	\$ 3,761	\$ 630.00	\$ 2,357.50	\$ 493.00	\$ 981.35	\$ 440.00	\$ 667.66	\$ 866.40	\$ 946.56
% Rebates	13%	13%	25%	24%	13%	25%	24%	24%	24%	32%	28%	14%	33%	48%	33%
Rebate \$	\$ 193.18	\$ 71.11	\$ 163.13	\$ 878.40	\$ 50.18	\$ 213.00	\$ 902.70	\$ 151.20	\$ 565.80	\$ 157.76	\$ 274.78	\$ 61.60	\$ 220.33	\$ 415.87	\$ 312.36
Net Cost	\$ 1,293	\$ 476	\$ 489	\$ 2,782	\$ 336	\$ 639	\$ 2,859	\$ 479	\$ 1,792	\$ 335	\$ 707	\$ 378	\$ 447	\$ 451	\$ 634
Net Cost/oz	\$ 10.10	\$ 3.72	\$ 1.53	\$ 8.69	\$ 20.99	\$ 4.99	\$ 8.93	\$ 22.80	\$ 5.60	\$ 1.05	\$ 2.21	\$ 1.18	\$ 8.77	\$ 7.04	\$ 1.82
oz/1000	1.2	1.5	1.5	0.85	0.4	0.84	0.7	0.47	0.8	2	2	3	0.196	0.4	4
oz/Ac	52.27	65.34	65.34	37.03	17.42	36.59	30.49	20.47	34.85	87.12	87.12	130.68	8.54	17.42	174.24
Days of Control	28	28	28	28	28	28	28	28	14	28	28	28	28	28	28
cost / ac	\$ 527.96	\$ 242.93	\$ 99.92	\$ 321.85	\$ 365.71	\$ 182.67	\$ 272.38	\$ 466.79	\$ 195.12	\$ 91.27	\$ 192.36	\$ 154.53	\$ 74.89	\$ 122.66	\$ 317.39
Cost per day	\$ 18.86	\$ 8.68	\$ 3.57	\$ 11.49	\$ 13.06	\$ 6.52	\$ 9.73	\$ 16.67	\$ 13.94	\$ 3.26	\$ 6.87	\$ 5.52	\$ 2.67	\$ 4.38	\$ 11.34
Cost Rank	15	8	3	11	12	6	9	14	13	2	7	5	1	4	10
Efficacy Rating	L	++++	L	L	+++	+++	+++	L	L	++++	L	L	NR	NR	++++

SUMMER PATCH ANALYSIS

Summer Patch	Ascernity 1 gal	Ascernity 10gal LP	Briskway 1 gal	Headway 1 gal	Heritage Action 1 lb	Posterity XT 2.5 gal	Honor 36lb	Lexicon 21 oz	Navicon 2.5 gal	Union 2.5 gal	Insignia 2.5 gal	Fame + C 2.5 gal	Enclave 2.5 gal
rate range	1 oz/M	1 oz/M	.5 - 1.2 oz/M	1.5 - 3 oz/M	.2 - .4 oz/M	1.5 - 3 oz/M	.55 - 1.1 oz/M	.34 - .47 oz/M	.7 - .85 oz/M	2.9 - 5.75 oz/M	.4 - .7 oz/M	3 - 5.9 oz/M	3-4 oz/M
Unit Cost	\$ 507.00	\$ 489.00	\$ 1,486.00	\$ 547.00	\$ 386	\$ 652.50	\$ 5,112.00	\$ 630.00	\$ 3,660.00	\$ 737.50	\$ 3,761	\$ 575.40	\$ 325.00
% Rebates	13%	13%	13%	13%	13%	25%	24%	24%	24%	22%	24%	14%	28%
Rebate \$	\$ 65.91	\$ 63.57	\$ 193.18	\$ 71.11	\$ 50.18	\$ 163.13	\$ 1,226.88	\$ 151.20	\$ 878.40	\$ 162.25	\$ 902.70	\$ 80.56	\$ 91.00
Net Cost	\$ 441	\$ 425	\$ 1,293	\$ 476	\$ 336	\$ 489	\$ 3,885	\$ 479	\$ 2,782	\$ 575	\$ 2,859	\$ 495	\$ 234
Net Cost/oz	\$ 3.45	\$ 3.32	\$ 10.10	\$ 3.72	\$ 20.99	\$ 1.53	\$ 6.75	\$ 22.80	\$ 8.69	\$ 1.80	\$ 8.93	\$ 1.55	\$ 0.73
oz/1000	1	1	0.9	3	0.4	3	1.1	0.47	0.85	2.9	0.7	3	3
oz/Ac	43.56	43.56	39.20	130.68	17.42	130.68	47.92	20.47	37.03	126.32	30.49	130.68	130.68
Days of Control	28	28	28	28	28	28	28	28	28	14	28	14	14
cost / ac	\$ 150.11	\$ 144.78	\$ 395.97	\$ 485.85	\$ 365.71	\$ 199.85	\$ 323.19	\$ 466.79	\$ 321.85	\$ 227.09	\$ 272.38	\$ 202.08	\$ 95.56
Cost per day	\$ 5.36	\$ 5.17	\$ 14.14	\$ 17.35	\$ 13.06	\$ 7.14	\$ 11.54	\$ 16.67	\$ 11.49	\$ 16.22	\$ 9.73	\$ 14.43	\$ 6.83
Cost Rank	5	2	20	25	19	11	17	24	16	23	14	21	10
Efficacy Rating	L	L	++++	++++	++++	++++	+++	++++	++++	++++	++++	L	+++

Summer Patch	Resilia 2.72 gal	Tekken 2.5 gal	Rayora 2.5 gal	Velista 22oz	Fame SC 2.5 gal	Mirage. 2.5 gal	Tartan. 2.5 gal	Maxtima 2.5 gal	Tourney EZ 1 gal	Densicor 51 oz	Kalida 64 oz	Xzemplar 114oz
rate range	4 oz/M	3 oz/ M	.7 - 1.4 oz/M	.5 - .7 oz/M	.18 - .36 oz/M	1-2 oz/M	1-2 oz/M	.8 oz/M	.18 - .44 oz/M	.196 oz/M	.24-.4 oz/M	.26 - .48 oz/M
Unit Cost	\$ 946.56	\$ 440.00	\$ 631.40	\$ 297.00	\$ 6,520.42	\$ 493.00	\$ 981.35	\$ 2,357.50	\$ 885.80	\$ 667.66	\$ 866.40	\$ 1,801.20
% Rebates	33%	14%	39%	13%	42%	32%	28%	24%	16%	33%	48%	24%
Rebate \$	\$ 312.36	\$ 61.60	\$ 246.25	\$ 38.61	\$ 2,738.58	\$ 157.76	\$ 274.78	\$ 565.80	\$ 141.73	\$ 220.33	\$ 415.87	\$ 432.29
Net Cost	\$ 634	\$ 378	\$ 385	\$ 258	\$ 3,782	\$ 335	\$ 707	\$ 1,792	\$ 744	\$ 447	\$ 451	\$ 1,369
Net Cost/oz	\$ 1.82	\$ 1.18	\$ 1.20	\$ 11.75	\$ 11.82	\$ 1.05	\$ 2.21	\$ 5.60	\$ 5.81	\$ 8.77	\$ 7.04	\$ 12.01
oz/1000	4	3	1.4	0.7	0.18	2	2	0.8	0.37	0.196	0.4	0.26
oz/Ac	174.24	130.68	60.98	30.49	7.84	87.12	87.12	34.85	16.12	8.54	17.42	11.33
Days of Control	21	14	14	28	14	14	21	21	14	14	28	21
cost / ac	\$ 317.39	\$ 154.53	\$ 73.40	\$ 358.13	\$ 92.66	\$ 91.27	\$ 192.36	\$ 195.12	\$ 93.69	\$ 74.89	\$ 122.66	\$ 136.00
Cost per day	\$ 15.11	\$ 11.04	\$ 5.24	\$ 12.79	\$ 6.62	\$ 6.52	\$ 9.16	\$ 9.29	\$ 6.69	\$ 5.35	\$ 4.38	\$ 6.48
Cost Rank	22	15	3	18	8	7	12	13	9	4	1	6
Efficacy Rating	+++	++++	+++	+++	++++	+++	+++	+++	+++	+++	L	+++

Syngenta Product	Unit	Cost / Unit	ENVU Product	Unit	Cost/Unit	BASF Product	Unit	Cost/Unit	PBI Gordon Product	Unit	Cost/Unit
Appeal II®	2 gal	\$ 438.00	Densicor®	51 oz	\$ 667.66	Emerald®	.49 lb	\$ 123.97	Kabuto®	1 gal	\$ 680.00
Ascernity®	1 gal	\$ 507.00	Exteris®	2.5 gal	\$ 370.00	Honor®	36 lb	\$ 5,112.00	Tekken®	2.5 gal	\$ 440.00
Ascernity® 10 gal	per gal	\$ 489.00	Mirage®	2.5 gal	\$ 493.00	Insignia® SC	2.5 gal	\$ 3,761.25	Union SC	2.5 gal	\$ 737.50
Briskway®	1 gal	\$ 1,486.00	Prostar®	3 lb	n/a	Lexicon®	21 oz	\$ 630.00	Segway SC	39.2 oz	\$ 450.00
Headway®	1 gal	\$ 547.00	Signature™	11 lb	\$ 384.56	Maxtima®	2.5 gal	\$ 2,357.50	Pedigree	2.5 gal	\$ 922.50
Heritage Action®	1 lb	\$ 386.00	Signature XTRA	5.5 lb	\$ 199.88	Navicon®	2.5 gal	\$ 3,660.00			
Posterity®	105 oz	\$ 1,738.00	Tartan®	2.5 gal	\$ 981.35	Xzemplar®	114 oz	\$ 1,801.20			
Posterity Forte®	1 gal	\$ 852.00	Tetrino™	1 gal	\$ 528.00	Encartis™	2.5 gal	\$ 340.00			
Posterity XT®	2.5 gal	\$ 652.50	Banol	2.5 gal	\$ 1,267.00	Aramax	2.5 gal	\$ 2,607.50			
Secure Action®	2.5 gal	\$ 1,777.50	Resila	2.72 gal	\$ 946.56						
Velista®	22 oz	\$ 297.00	Interface	2.5 gal	\$ 544.35						
Acelepryn®	64 oz	\$ 879.00	Castalon	1 gal	\$ 2,610.79						
Instrata	2.5 gal	\$ 480.00									
Concert II	2.5 gal	\$ 270.00									
Envu (formerly FMC)			Nufarm			Misc.			QP		
Product	Unit	Cost/Unit	Product	Unit	Cost/Unit	Product	Unit	Cost/Unit	Product	Unit	Cost/Unit
Fame® SC	2.5 gal	\$ 6,520.42	Pinpoint®	60 oz	\$ 490.55	Fluazinam	2.5 gal	\$ 753.80	Tebuconazole	1 gal	\$ 62.01
Kalida®	64 oz	\$ 866.40	Traction®	2.5 gal	\$ 652.25	Turfside 400	2.5 gal	\$ 210.15	Enclave	2.5 gal	\$ 325.00
Rayora®	2.5 gal	\$ 631.40	Tourney EZ	1 gal	\$ 885.80	Civitas Pre-Mi	2.5 gal	\$ 121.87	Ipro 2SE	2.5 gal	\$ 218.00
Serata	35 oz.	\$ 474.81	26/36	2.5 gal.	\$ 341.50				Suprado	2.5 gal	\$ 695.00
Fame + C	2.5 gal	\$ 575.40	3336	2.5 gal.	\$ 418.97						
Fame SC	64 oz	\$ 1,471.98	Affirm WDG	2.4 lbs	\$ 273.84						

Syngenta							
Product	Unit	Cost / Unit	GT365-EOP	Acelepryn/Ference Bonus	GT Bonus Booster	PIYW Rebate	Max Rebate
Appear II®	2 gal	\$ 438.00	10%		3%		13%
Ascernity®	1 gal	\$ 507.00	10%		3%		13%
Ascernity®	10 gal	\$ 489.00	10%		3%		13%
Briskway®	1 gal	\$ 1,457.00	10%		3%		13%
Headway®	1 gal	\$ 547.00	10%		3%		13%
Heritage Action®	1 lb	\$ 386.00	10%		3%		13%
Posterity®	105 oz	\$ 1,738.00	10%		3%	12%	25%
Posterity Forte®	1 gal	\$ 852.00	10%		3%	12%	25%
Posterity XT®	2.5 gal	\$ 652.50	10%		3%	12%	25%
Secure Action®	2.5 gal	\$ 1,685.00	10%		3%	12%	25%
Velista®	22 oz	\$ 297.00	10%		3%		13%
Acelepryn®	64 oz	\$ 879.00	10%	10%	3%		23%
Instrata	2.5 gal	\$ 480.00	10%		3%		13%
Concert II	2.5 gal	\$ 270.00	10%		3%		13%

ENVU			
Product	Unit	Cost/Unit	MAX % Rebate
Densicor®	51 oz	\$ 667.66	33%
Exeris®	2.5 gal	\$ 370.00	26%
Mirage®	2.5 gal	\$ 493.00	32%
Prostar®	3 lb	n/a	0%
Signature™	11 lb	\$ 384.56	20%
Signature XTRA	5.5 lb	\$ 199.88	26%
Tartan®	2.5 gal	\$ 981.35	28%
Tetrino™	1 gal	\$ 528.00	22%
Banol	2.5 gal	\$ 1,267.00	14%
Resila	2.72 gal	\$ 946.56	33%
Interface	2.5 gal	\$ 544.35	35%
Castalon	1 gal	\$ 2,610.79	40%

Envu (formerly FMC)			
Product	Unit	Cost/Unit	MAX % Rebate
Fame® SC	2.5 gal	\$ 6,520.42	42%
Kalida®	64 oz	\$ 866.40	48%
Rayora®	2.5 gal	\$ 631.40	39%
Serata	35 oz.	\$ 474.81	22%
Fame + C	2.5 gal	\$ 575.40	14%
Fame SC	64 oz	\$ 1,471.98	45%

BASF			3 brand
Product	Unit	Cost/Unit	October Rebate
Emerald®	.49 lb	\$ 123.97	24%
Honor®	36 lb	\$ 5,112.00	24%
Insignia® SC	2.5 gal	\$ 3,761.25	24%
Lexicon®	21 oz	\$ 630.00	24%
Maxtima®	2.5 gal	\$ 2,357.50	24%
Navicon®	2.5 gal	\$ 3,660.00	24%
Xzemplar®	114 oz	\$ 1,801.20	24%
Encartis™	2.5 gal	\$ 340.00	24%
Aramax	2.5 gal	\$ 2,607.50	24%

PBI Gordon			Max Rebate
Product	Unit	Cost/Unit	
Kabuto®	1 gal	\$ 680.00	15%
Tekken®	2.5 gal	\$ 440.00	14%
Union SC	2.5 gal	\$ 737.50	22%
Segway SC	39.2 oz	\$ 450.00	22%
Pedigree	2.5 gal	\$ 922.50	14%

normal rebate	w/25% kicker
\$ 80.00	\$ 100.00
\$ 50.00	\$ 62.50
\$ 130.00	\$ 162.50
\$ 80.00	\$ 100.00
\$ 105.00	\$ 131.25

Nufarm			Max Rebate
Product	Unit	Cost/Unit	
Pinpoint®	60 oz	\$ 490.55	6%
Traction®	2.5 gal	\$ 652.25	11%
Tourney EZ	1 gal	\$ 885.80	16%
26/36	2.5 gal.	\$ 341.50	9%
3336	2.5 gal.	\$ 418.97	7%
Affirm WDG	2.4 lbs	\$ 273.84	4%

QP			Max Rebate
Product	Unit	Cost/Unit	
Tebuconazole	1 gal	\$ 62.01	3%
Enclave	2.5 gal	\$ 325.00	28%
Ipro 2SE	2.5 gal	\$ 218.00	2%
Suprado	2.5 gal	\$ 695.00	