

FIELD DR2		6/3/2012	6/10/2012	6/17/2012	6/25/2012	7/1/2012	7/8/2012	7/15/2012	7/22/2012	7/29/2012	8/5/2012	8/12/2012
WEEK ENDING												
Method							SAP					
Sampler							I TATTAM					
Sample Date							6/27/2012					
Growth Stage							SAP - 3 - TOM - FULL BLOOM 1' FRUIT					
Method		DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Sampler		DELLEVALLE	DELLEVALL	DELLEVALL	DELLEVALL	DELLEVALL	DELLEVALL	DELLEVALL	DELLEVALL	DELLEVALL	DELLEVALL	DELLEVALL
Sample Date		5/28/2012	6/5/2012	6/11/2012	6/18/2012	6/25/2012	7/2/2012	7/10/2012	7/17/2012	7/23/2012	7/23/2012	7/23/2012
Growth Stage		DRY - 1 - TOM - FIRST FLOWER	DRY - 1 - TOM - FIRST FLOWER	DRY - 1 - TOM - FIRST FLOWER	DRY - 2 - TOM - FULL BLOOM	DRY - 2 - TOM - FULL BLOOM	DRY - 2 - TOM - FULL BLOOM	DRY - 2 - TOM - FULL BLOOM	DRY - 3 - TOM - EARLY GREEN FRUIT	DRY - 3 - TOM - EARLY GREEN FRUIT	DRY - 4 - TOM - EARLY RIPE FRUIT	DRY - 4 - TOM - EARLY RIPE FRUIT
FIELD NITROGEN SAP ANALYSIS	Variety											
1	4707							970				
2	2401							1,100				
3												
4	2401DS							1,200				
SAP Average Actual (NO3-N)								1,090				
Low (NO3-N)								600				
High (NO3-N)								800				
Indication Mark								⚠				
FIELD NITROGEN DRY ANALYSIS												
1	4707	4.62	4.55	4.95	4.14	4.30	4.00	3.16	3.18	2.71	2.80	
2	2401		4.84	5.79	4.42	4.83	4.73	4.65	4.26	4.64	4.02	
3			4.81	5.63	4.39	3.45	4.52	4.42	4.01	2.91	3.22	
4	2401DS		5.05	5.72	4.46	4.76	4.63	4.87	4.50	3.82	3.56	
DRY Average Actual (NO3-N)		4.62	4.81	5.52	4.35	4.34	4.47	4.28	3.99	3.52	3.40	
Low (NO3-N)		4.60	4.60	4.60	4.00	4.00	4.00	4.00	3.50	3.50	2.70	
High (NO3-N)		5.20	5.20	5.20	4.80	4.80	4.80	4.80	4.50	4.50	3.80	
Indication Mark		✔	✔	⚠	✔	✔	✔	✔	✔	✔	✔	✔
FIELD POTASSIUM SAP ANALYSIS												
1	4707							2,100				
2	2401							2,000				
3												
4	2401DS							2,000				
SAP Average Actual (K+)								2,033				
Low (K+)								3,000				
High (K+)								3,500				
Indication Mark								✘				
FIELD POTASSIUM DRY ANALYSIS												
1	4707	1.80	1.88	1.23	1.86	1.42	0.90	1.34	0.97	0.89	0.65	
2	2401		2.22	1.96	2.95	2.41	1.55	2.94	2.54	2.23	1.49	
3			2.06	1.85	2.81	2.55	2.76	2.47	2.78	1.32	0.95	
4	2401DS		2.09	2.29	2.89	2.65	2.40	2.55	2.25	1.73	1.65	
DRY Average Actual (K+)		1.80	2.06	1.83	2.63	2.26	1.90	2.33	2.14	1.54	1.19	
Low (K+)		2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.0	2.0	0.8	
High (K+)		3.5	3.5	3.5	3.3	3.3	3.3	3.3	3.0	3.0	2.0	
Indication Mark		✘	✘	✘	✔	✔	✘	✔	✔	✘	✔	✔
FIELD pH SAP ANALYSIS												
1	4707							5.8				
2	2401							5.8				
3												
4	2401DS							5.8				
Average Actual (pH)								5.80				
Low (pH)								5.4				
High (pH)								7.0				
Indication Mark								✔				
FIELD EC SAP ANALYSIS												
1	4707							14.5				
2	2401							14.1				
3												
4	2401DS							14.2				
Average Actual (EC)								14.3				
Low (EC)								2.00				
High (EC)								12.00				
Indication Mark								⚠				

FIELD MR3		5/13/2012	5/20/2012	5/27/2012	6/3/2012	6/10/2012	6/17/2012	6/25/2012	7/1/2012	7/8/2012	7/15/2012	7/22/2012	7/29/2012	8/5/2012	8/12/2012
Method										SAP					
Sampler										I TATTAM					
Sample Date										6/29/2012					
Growth Stage										SAP - 3 - TOM - FULL BLOOM 1' FRUIT					
Method					DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Sampler					DELLEVALLE	DELLEVALL	DELLEVALL	DELLEVALL	DELLEVALL	DELLEVALL	DELLEVALL	DELLEVALL	DELLEVALL	DELLEVALL	DELLEVALL
Sample Date					6/5/2012	6/11/2012	6/18/2012	6/25/2012	7/2/2012	7/9/2012	7/16/2012	7/23/2012	7/30/2012	8/6/2012	8/13/2012
Growth Stage					DRY - 1 - TOM - FIRST FLOWER	DRY - 1 - TOM - FIRST FLOWER	DRY - 1 - TOM - FIRST FLOWER	DRY - 1 - TOM - FIRST FLOWER	DRY - 2 - TOM - FULL BLOOM	DRY - 2 - TOM - FULL BLOOM	DRY - 3 - TOM - EARLY GREEN FRUIT	DRY - 3 - TOM - EARLY GREEN FRUIT	DRY - 4 - TOM - EARLY RIPE FRUIT	DRY - 4 - TOM - EARLY RIPE FRUIT	DRY - 4 - TOM - EARLY RIPE FRUIT
FIELD NITROGEN SAP ANALYSIS	Variety														
1	8504									1,200					
2	8504DS									1,100					
SAP Average Actual (NO3-N)										1,150					
Low (NO3-N)										600					
High (NO3-N)										800					
Indication Mark										☹					
FIELD NITROGEN DRY ANALYSIS															
1					4.95	5.66	4.89	5.12	4.53	3.59	3.34	4.10	3.28	3.68	
2					5.06	5.59	5.00	4.66	4.10	4.29	3.56	2.91	3.34	2.60	4.27
DRY Average Actual (NO3-N)					5.01	5.63	4.95	4.89	4.32	3.94	3.45	3.51	3.31	3.52	
Low (NO3-N)					4.60	4.60	4.60	4.60	4.00	4.00	3.50	3.50	2.70	2.70	
High (NO3-N)					5.20	5.20	5.20	5.20	4.80	4.80	4.50	4.50	3.80	3.80	
Indication Mark					☑	2 ☹	3 ☑	2 ☑	2 ☑	2 ☹	1 ☹	1 ☑	2 ☑	2 ☑	2 ☑
FIELD POTASSIUM SAP ANALYSIS															
1										2,100					
2															
SAP Average Actual (K+)										2,100					
Low (K+)										3,000					
High (K+)										3,500					
Indication Mark										☹					
FIELD POTASSIUM DRY ANALYSIS															
1					2.14	2.10	2.54	2.20	2.09	3.69	2.85	2.60	2.10	1.01	
2					2.35	1.77	1.80	2.37	2.28	2.83	2.66	1.57	1.15	0.83	1.95
DRY Average Actual (K+)					2.25	1.94	2.17	2.29	2.19	3.26	2.76	2.09	1.63	1.26	
Low (K+)					2.2	2.2	2.2	2.2	2.1	2.1	2.0	2.0	0.8	0.8	
High (K+)					3.5	3.5	3.5	3.5	3.3	3.3	3.0	3.0	2.0	2.0	
Indication Mark					☑	2 ☹	1 ☹	1 ☑	2 ☑	2 ☑	2 ☑	2 ☑	2 ☑	2 ☑	2 ☑
FIELD pH SAP ANALYSIS															
1										5.9					
2										5.9					
Average Actual (pH)										5.90					
Low (pH)										5.4					
High (pH)										7.0					
Indication Mark										☑					
FIELD EC SAP ANALYSIS															
1										13.8					
2										14.4					
Average Actual (EC)										14.1					
Low (EC)										2.00					
High (EC)										12.00					
Indication Mark										☹					

FIELD MR4		5/13/2012	5/20/2012	5/27/2012	6/3/2012	6/10/2012	6/17/2012	6/25/2012	7/1/2012	7/8/2012	7/15/2012	7/22/2012	7/29/2012	8/5/2012	8/12/2012
Method										SAP					
Sampler										I TATTAM					
Sample Date										6/29/2012					
Growth Stage										SAP - 3 - TOM - FULL BLOOM 1' FRUIT					
Method					DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Sampler					DELLEVALLE	DELLEVALL	DELLEVALL	DELLEVALL	DELLEVALL	DELLEVALL	DELLEVALL	DELLEVALL	DELLEVALL	DELLEVALL	DELLEVALL
Sample Date					6/5/2012	6/11/2012	6/18/2012	6/25/2012	7/2/2012	7/10/2012	7/17/2012	7/23/2012	7/30/2012	8/5/2012	8/12/2012
Growth Stage					DRY - 1 - TOM - FIRST FLOWER	DRY - 1 - TOM - FIRST FLOWER	DRY - 2 - TOM - FULL BLOOM	DRY - 2 - TOM - FULL BLOOM	DRY - 3 - TOM - EARLY GREEN FRUIT	DRY - 3 - TOM - EARLY GREEN FRUIT	DRY - 4 - TOM - EARLY RIPE FRUIT	DRY - 4 - TOM - EARLY RIPE FRUIT	DRY - 4 - TOM - EARLY RIPE FRUIT	DRY - 4 - TOM - EARLY RIPE FRUIT	DRY - 4 - TOM - EARLY RIPE FRUIT
FIELD NITROGEN SAP ANALYSIS	Variety														
1	2401									650					
2	2401									840					
3	9494									830					
SAP Average Actual (NO3-N)										773					
Low (NO3-N)										600					
High (NO3-N)										800					
Indication Mark										2					
FIELD NITROGEN DRY ANALYSIS															
1	2401				4.64	5.59	4.42	4.18	3.64	3.03	3.25	3.02	2.32	2.31	
2	2401				4.53	5.41	4.31	4.98	3.67	3.48	3.19	2.66	2.62	2.24	
3	9494				4.60	5.12	4.53	4.40	3.63	3.23	3.38	2.59	2.82	2.43	
DRY Average Actual (NO3-N)					4.59	5.37	4.42	4.52	3.65	3.25	3.27	2.76	2.59	2.33	
Low (NO3-N)					4.60	4.60	4.00	4.00	3.50	3.50	2.70	2.70	2.70	2.70	
High (NO3-N)					5.20	5.20	4.80	4.80	4.50	4.50	3.80	3.80	3.80	3.80	
Indication Mark					2	1	3	2	2	2	1	2	2	1	1
FIELD POTASSIUM SAP ANALYSIS															
1	2401									3,000					
2	2401									3,000					
3	9494									3,000					
SAP Average Actual (K+)										3,000					
Low (K+)										3,000					
High (K+)										3,500					
Indication Mark										2					
FIELD POTASSIUM DRY ANALYSIS															
1	2401				2.69	2.15	2.79	2.98	1.91	2.30	1.20	1.33	1.00	0.58	
2	2401				2.59	1.99	2.40	1.93	1.99	1.82	1.54	0.91	0.80	0.67	
3	9494				2.35	1.78	2.87	1.68	2.14	2.01	1.11	0.90	0.69	0.49	
DRY Average Actual (K+)					2.54	1.97	2.69	2.20	2.01	2.04	1.28	1.05	0.83	0.58	
Low (K+)					2.2	2.2	2.1	2.1	2.0	2.0	0.8	0.8	0.8	0.8	
High (K+)					3.5	3.5	3.3	3.3	3.0	3.0	2.0	2.0	2.0	2.0	
Indication Mark					2	1	2	2	2	2	2	2	2	2	1
FIELD pH SAP ANALYSIS															
1	2401									5.5					
2	2401									5.7					
3	9494									5.7					
Average Actual (pH)										5.63					
Low (pH)										5.4					
High (pH)										7.0					
Indication Mark										2					
FIELD EC SAP ANALYSIS															
1	2401									15.9					
2	2401									14.9					
3	9494									14.2					
Average Actual (EC)										15.0					
Low (EC)										2.00					
High (EC)										12.00					
Indication Mark										3					

FIELD RI27		5/13/2012	5/20/2012	5/27/2012	6/3/2012	6/10/2012	6/17/2012	6/25/2012	7/1/2012	7/8/2012	7/15/2012	7/22/2012	7/29/2012	8/5/2012	8/12/2012
WEEK ENDING															
Method										SAP	SAF				
Sampler										I TATTAM	I TATTAM				
Sample Date										6/26/2012	7/9/2012				
Growth Stage										SAP - 2 - TOM - FIRST BLOOM	SAP - 3 - TOM - FULL BLOOM 1' FRUIT				
Method								DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Sampler								DELLEVALLE	DELLEVALL	DELLEVALL	DELLEVALL	DELLEVALL	DELLEVALL	DELLEVALL	DELLEVALL
Sample Date								6/18/2012	6/25/2012	3/12/1900	3/12/1900	7/17/2012	7/23/2012	7/30/2012	8/5/2012
Growth Stage								DRY - 1 - TOM - FIRST FLOWER	DRY - 1 - TOM - FIRST FLOWER	DRY - 1 - TOM - FIRST FLOWER	DRY - 2 - TOM - FULL BLOOM	DRY - 3 - TOM - EARLY GREEN FRUIT	DRY - 3 - TOM - EARLY GREEN FRUIT	DRY - 3 - TOM - EARLY GREEN FRUIT	DRY - 3 - TOM - EARLY GREEN FRUIT
FIELD NITROGEN SAP ANALYSIS		Variety													
1		3402								1,100	1,100				
SAP Average Actual (NO3-N)										1,100	1,100				
Low (NO3-N)										700	600				
High (NO3-N)										900	800				
Indication Mark										3	3				
FIELD NITROGEN DRY ANALYSIS															
1		3402						5.21	5.16	4.27	3.93	3.33	3.16	3.34	2.64
DRY Average Actual (NO3-N)								5.21	5.16	4.27	3.93	3.33	3.16	3.34	2.64
Low (NO3-N)								4.60	4.60	4.60	4.00	3.50	3.50	3.50	3.50
High (NO3-N)								5.20	5.20	5.20	4.80	4.50	4.50	4.50	4.50
Indication Mark								3	2	1	1	1	1	1	1
FIELD POTASSIUM SAP ANALYSIS															
1		3402								3,100	3,600				
SAP Average Actual (K+)										3,100	3,600				
Low (K+)										3,500	3,000				
High (K+)										4,000	3,500				
Indication Mark										1	3				
FIELD POTASSIUM DRY ANALYSIS															
1		3402						2.07	1.93	2.21	3.15	2.55	2.44	2.01	1.62
DRY Average Actual (K+)								2.07	1.93	2.21	3.15	2.55	2.44	2.01	1.62
Low (K+)								2.2	2.2	2.2	2.1	2.0	2.0	2.0	2.0
High (K+)								3.5	3.5	3.5	3.3	3.0	3.0	3.0	3.0
Indication Mark								1	1	2	2	2	2	2	1
FIELD pH SAP ANALYSIS															
1		3402								5.8	5.5				
Average Actual (pH)										5.80	5.50				
Low (pH)										5.4	5.4				
High (pH)										7.0	7.0				
Indication Mark										2	2				
FIELD EC SAP ANALYSIS															
1		3402								14.2	14.0				
Average Actual (EC)										14.2	14.0				
Low (EC)										2.00	2.00				
High (EC)										12.00	12.00				
Indication Mark										3	3				

FIELD RI28		5/13/2012	5/20/2012	5/27/2012	6/3/2012	6/10/2012	6/17/2012	6/25/2012	7/1/2012	7/8/2012	7/15/2012	7/22/2012	7/29/2012	8/5/2012	8/12/2012
WEEK ENDING										SAP	SAP				
Method										I TATTAM	MICHEAL				
Sampler										6/26/2012	7/9/2012				
Sample Date										SAP - 2 - TOM - FIRST BLOOM	SAP - 3 - TOM - FULL BLOOM 1' FRUIT				
Growth Stage															
Method								DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Sampler								DELLEVALLE	DELLEVALL	DELLEVALL	DELLEVALL	DELLEVALL	DELLEVALL	DELLEVALL	DELLEVALL
Sample Date								6/18/2012	6/25/2012	3/12/1900	3/12/1900	7/17/2012	7/23/2012	7/30/2012	8/5/2012
Growth Stage								DRY - 1 - TOM - FIRST FLOWER	DRY - 1 - TOM - FIRST FLOWER	DRY - 1 - TOM - FIRST FLOWER	DRY - 2 - TOM - FULL BLOOM	DRY - 3 - TOM - EARLY GREEN FRUIT	DRY - 3 - TOM - EARLY GREEN FRUIT	DRY - 3 - TOM - EARLY GREEN FRUIT	DRY - 3 - TOM - EARLY GREEN FRUIT
FIELD NITROGEN SAP ANALYSIS	Variety														
1	8504DS									1,100	700				
2	8504DS									1,200	1,100				
3										1,200	910				
SAP Average Actual (NO3-N)										1,167	903				
Low (NO3-N)										700	600				
High (NO3-N)										900	800				
Indication Mark										3	3				
FIELD NITROGEN DRY ANALYSIS															
1	8504DS							5.46	5.10	4.68	4.40	3.54	3.67	3.50	2.76
2	8504DS							4.79	5.06	4.40	4.26	3.54	3.63	3.21	2.87
3									5.28	4.17	3.90	3.56	3.62	2.40	2.93
DRY Average Actual (NO3-N)								5.13	5.15	4.42	4.19	3.55	3.64	3.04	2.85
Low (NO3-N)								4.60	4.60	4.60	4.00	3.50	3.50	3.50	3.50
High (NO3-N)								5.20	5.20	5.20	4.80	4.50	4.50	4.50	4.50
Indication Mark								2	2	1	2	2	2	1	1
FIELD POTASSIUM SAP ANALYSIS															
1	8504DS									3,700	4,200				
2	8504DS									2,700	3,300				
3										3,100	3,200				
SAP Average Actual (K+)										3,167	3,567				
Low (K+)										3,500	3,000				
High (K+)										4,000	3,500				
Indication Mark										1	3				
FIELD POTASSIUM DRY ANALYSIS															
1	8504DS							2.21	2.50	2.33	3.39	2.87	2.13	1.86	1.12
2	8504DS							2.51	1.56	1.56	2.69	2.16	2.08	1.75	0.62
3									1.86	2.53	2.46	1.79	1.88	1.21	0.83
DRY Average Actual (K+)								2.36	1.97	2.14	2.85	2.27	2.03	1.61	0.86
Low (K+)								2.2	2.2	2.2	2.1	2.0	2.0	2.0	2.0
High (K+)								3.5	3.5	3.5	3.3	3.0	3.0	3.0	3.0
Indication Mark								2	1	1	2	2	2	1	1
FIELD pH SAP ANALYSIS															
1	8504DS									5.8	5.3				
2	8504DS									6.1	5.8				
3										5.8	5.5				
Average Actual (pH)										5.90	5.53				
Low (pH)										5.4	5.4				
High (pH)										7.0	7.0				
Indication Mark										2	2				
FIELD EC SAP ANALYSIS															
1	8504DS									14.6	14.2				
2	8504DS									15.5	14.8				
3										14.4	13.1				
Average Actual (EC)										14.8	14.0				
Low (EC)										2.00	2.00				
High (EC)										12.00	12.00				
Indication Mark										3	3				

FIELD GU1		5/13/2012	5/20/2012	5/27/2012	6/3/2012	6/10/2012	6/17/2012	6/25/2012	7/1/2012	7/8/2012	7/15/2012	7/22/2012
WEEK ENDING												
Method										SAP		
Sampler										I TATTAM		
Sample Date										6/26/2012		
Growth Stage										SAP - 2 - TOM - FIRST BLOOM		
Method								DRY	DRY	DRY	DRY	DRY
Sampler								DELLEVALLE	DELLEVALL	DELLEVALL	DELLEVALL	DELLEVALL
Sample Date								6/18/2012	6/25/2012	7/2/2012	7/10/2012	7/17/2012
Growth Stage								DRY - 1 - TOM - FIRST FLOWER	DRY - 1 - TOM - FIRST FLOWER	DRY - 2 - TOM - FULL BLOOM	DRY - 2 - TOM - FULL BLOOM	DRY - 3 - TOM - EARLY GREEN FRUIT
FIELD NITROGEN SAP ANALYSIS		Variety										
1		8504								1,100		
2		8504DS								1,300		
3		8504DS								1,100		
SAP Average Actual (NO3-N)										1,167		
Low (NO3-N)										700		
High (NO3-N)										900		
Indication Mark										3		
FIELD NITROGEN DRY ANALYSIS												
1		8504						4.56	5.11	4.97	5.01	4.35
2		8504DS						4.45	4.42	4.09	3.47	2.98
3		8504DS						4.75	4.56	4.05	4.03	3.57
DRY Average Actual (NO3-N)								4.59	4.70	4.37	4.17	3.63
Low (NO3-N)								4.60	4.60	4.00	4.00	3.50
High (NO3-N)								5.20	5.20	4.80	4.80	4.50
Indication Mark								1	2	2	2	2
FIELD POTASSIUM SAP ANALYSIS												
1		8504								3,800		
2		8504DS								2,900		
3		8504DS								3,000		
SAP Average Actual (K+)										3,233		
Low (K+)										3,500		
High (K+)										4,000		
Indication Mark										1		
FIELD POTASSIUM DRY ANALYSIS												
1		8504						2.69	2.08	1.96	2.91	2.83
2		8504DS						2.20	2.65	2.48	2.47	3.24
3		8504DS						2.09	3.00	2.91	3.31	2.75
DRY Average Actual (K+)								2.33	2.58	2.45	2.90	2.94
Low (K+)								2.2	2.2	2.1	2.1	2.0
High (K+)								3.5	3.5	3.3	3.3	3.0
Indication Mark								2	2	2	2	2
FIELD pH SAP ANALYSIS												
1		8504								5.8		
2		8504DS								5.8		
3		8504DS								5.8		
Average Actual (pH)										5.80		
Low (pH)										5.4		
High (pH)										7.0		
Indication Mark										2		
FIELD EC SAP ANALYSIS												
1		8504								14.9		
2		8504DS								15.0		
3		8504DS								14.6		
Average Actual (EC)										14.8		
Low (EC)										2.00		
High (EC)										12.00		
Indication Mark										3		

FIELD GU2												
WEEK ENDING		5/13/2012	5/20/2012	5/27/2012	6/3/2012	6/10/2012	6/17/2012	6/25/2012	7/1/2012	7/8/2012	7/15/2012	7/22/2012
Method										SAP		
Sampler										I TATTAM		
Sample Date										6/26/2012		
Growth Stage										SAP - 2 - TOM - FIRST BLOOM		
Method								DRY	DRY	DRY	DRY	DRY
Sampler								DELLEVALLE	DELLEVALL	DELLEVALL	DELLEVALL	DELLEVALL
Sample Date								6/18/2012	6/25/2012	7/2/2012	7/10/2012	7/17/2012
Growth Stage								DRY - 1 - TOM - FIRST FLOWER	DRY - 1 - TOM - FIRST FLOWER	DRY - 2 - TOM - FULL BLOOM	DRY - 2 - TOM - FULL BLOOM	DRY - 2 - TOM - FULL BLOOM
FIELD NITROGEN SAP ANALYSIS	Variety											
1	8504									1,200		
2	8504DS									1,200		
3	8504DS									1,200		
SAP Average Actual (NO3-N)										1,200		
Low (NO3-N)										700		
High (NO3-N)										900		
Indication Mark										☹	3	
FIELD NITROGEN DRY ANALYSIS												
1	8504							4.95	5.18	4.43	4.77	4.14
2	8504DS							4.84	5.18	4.87	3.47	4.60
3	8504DS							4.65	4.93	4.39	4.03	4.31
DRY Average Actual (NO3-N)								4.81	5.10	4.56	4.09	4.35
Low (NO3-N)								4.60	4.60	4.00	4.00	4.00
High (NO3-N)								5.20	5.20	4.80	4.80	4.80
Indication Mark								☑	2	☑	2	☑
FIELD POTASSIUM SAP ANALYSIS												
1	8504									3,800		
2	8504DS									3,800		
3	8504DS									3,900		
SAP Average Actual (K+)										3,833		
Low (K+)										3,500		
High (K+)										4,000		
Indication Mark										☑	2	
FIELD POTASSIUM DRY ANALYSIS												
1	8504							2.42	2.05	1.90	2.40	2.90
2	8504DS							2.27	2.89	2.14	3.19	3.72
3	8504DS							2.17	1.84	2.10	2.51	2.21
DRY Average Actual (K+)								2.29	2.26	2.05	2.70	2.94
Low (K+)								2.2	2.2	2.1	2.1	2.1
High (K+)								3.5	3.5	3.3	3.3	3.3
Indication Mark								☑	2	☑	2	☑
FIELD pH SAP ANALYSIS												
1	8504									6.1		
2	8504DS									5.9		
3	8504DS									6.0		
Average Actual (pH)										6.00		
Low (pH)										5.4		
High (pH)										7.0		
Indication Mark										☑	2	
FIELD EC SAP ANALYSIS												
1	8504									15.2		
2	8504DS									15.1		
3	8504DS									14.7		
Average Actual (EC)										15.0		
Low (EC)										2.00		
High (EC)										12.00		
Indication Mark										☹	3	

FIELD DW1		5/13/2012	5/20/2012	5/27/2012	6/3/2012	6/10/2012	6/17/2012	6/25/2012	7/1/2012	7/8/2012	7/15/2012	7/22/2012
WEEK ENDING												
Method										SAP		
Sampler										I TATTAM		
Sample Date										6/30/2012		
Growth Stage										SAP - 2 - TOM - FIRST BLOOM		
Method										DRY	DRY	DRY
Sampler										DELLEVALLE	DELLEVALL	DELLEVALL
Sample Date										7/2/2012	7/10/2012	7/17/2012
Growth Stage										DRY - 2 - TOM - FULL BLOOM	DRY - 2 - TOM - FULL BLOOM	DRY - 2 - TOM - FULL BLOOM
FIELD NITROGEN SAP ANALYSIS	Variety											
1	2401									900		
2	5608DS									950		
SAP Average Actual (NO3-N)										925		
Low (NO3-N)										700		
High (NO3-N)										900		
Indication Mark										☹	3	
FIELD NITROGEN DRY ANALYSIS												
1	2401									4.57	4.80	4.40
2	5608DS									4.74	3.83	3.94
DRY Average Actual (NO3-N)										4.66	4.32	4.17
Low (NO3-N)										4.00	4.00	4.00
High (NO3-N)										4.80	4.80	4.80
Indication Mark										☺	2	☺
FIELD POTASSIUM SAP ANALYSIS												
1	2401									3,600		
2	5608DS									3,400		
SAP Average Actual (K+)										3,500		
Low (K+)										3,500		
High (K+)										4,000		
Indication Mark										☺	2	
FIELD POTASSIUM DRY ANALYSIS												
1	2401									2.66	2.82	3.97
2	5608DS									2.92	2.77	2.99
DRY Average Actual (K+)										2.79	2.80	3.48
Low (K+)										2.1	2.1	2.1
High (K+)										3.3	3.3	3.3
Indication Mark										☺	2	☹
FIELD pH SAP ANALYSIS												
1	2401									5.6		
2	5608DS									6.1		
Average Actual (pH)										5.85		
Low (pH)										5.4		
High (pH)										7.0		
Indication Mark										☺	2	
FIELD EC SAP ANALYSIS												
1	2401									14.2		
2	5608DS									13.7		
Average Actual (EC)										14.0		
Low (EC)										2.00		
High (EC)										12.00		
Indication Mark										☹	3	

FIELD DW2															
WEEK ENDING		5/13/2012	5/20/2012	5/27/2012	6/3/2012	6/10/2012	6/17/2012	6/25/2012	7/1/2012	7/8/2012	7/15/2012	7/22/2012			
Method										SAP					
Sampler										I TATTAM					
Sample Date										6/30/2012					
Growth Stage										SAP - 3 - TOM - FULL BLOOM 1' FRUIT					
Method										DRY	DRY	DRY			
Sampler										DELLEVALLE	DELLEVALLE	DELLEVALLE			
Sample Date										7/2/2012	7/10/2012	7/17/2012			
Growth Stage										DRY - 2 - TOM - FULL BLOOM	DRY - 2 - TOM - FULL BLOOM	DRY - 2 - TOM - FULL BLOOM			
FIELD NITROGEN SAP ANALYSIS	Variety														
1	2401DS									1,100					
2	8504									970					
SAP Average Actual (NO3-N)										1,035					
Low (NO3-N)										600					
High (NO3-N)										800					
Indication Mark										☹	3				
FIELD NITROGEN DRY ANALYSIS															
1										4.53	4.11	3.84			
2										4.60	4.33	3.77			
DRY Average Actual (NO3-N)										4.57	4.22	3.81			
Low (NO3-N)										4.00	4.00	4.00			
High (NO3-N)										4.80	4.80	4.80			
Indication Mark										☺	2	☺	2	☹	1
FIELD POTASSIUM SAP ANALYSIS															
1										3,100					
2										3,300					
SAP Average Actual (K+)										3,200					
Low (K+)										3,000					
High (K+)										3,500					
Indication Mark										☺	2				
FIELD POTASSIUM DRY ANALYSIS															
1										2.12	2.46	2.25			
2										2.05	2.24	1.59			
DRY Average Actual (K+)										2.09	2.35	1.92			
Low (K+)										2.1	2.1	2.1			
High (K+)										3.3	3.3	3.3			
Indication Mark										☹	1	☺	2	☹	1
FIELD pH SAP ANALYSIS															
1										5.9					
2										5.9					
Average Actual (pH)										5.90					
Low (pH)										5.4					
High (pH)										7.0					
Indication Mark										☺	2				
FIELD EC SAP ANALYSIS															
1										13.4					
2										13.7					
Average Actual (EC)										13.6					
Low (EC)										2.00					
High (EC)										12.00					
Indication Mark										☹	3				

FIELD MA1															
WEEK ENDING		5/13/2012	5/20/2012	5/27/2012	6/3/2012	6/10/2012	6/17/2012	6/25/2012	7/1/2012	7/8/2012	7/15/2012	7/22/2012	7/29/2012	8/5/2012	8/12/2012
Method											SAP				
Sampler											I TATTAM				
Sample Date											7/9/2012				
Growth Stage											SAP - 2 - TOM - FIRST BLOOM				
Method											DRY	DRY	DRY	DRY	DRY
Sampler											DELLEVALLE	DELLEVALLE	DELLEVALLE	DELLEVALLE	DELLEVALLE
Sample Date											7/10/2012	7/17/2012	7/23/2012	7/30/2012	8/5/2012
Growth Stage											DRY - 2 - TOM - FULL BLOOM	DRY - 2 - TOM - FULL BLOOM	DRY - 2 - TOM - FULL BLOOM	DRY - 2 - TOM - FULL BLOOM	DRY - 2 - TOM - FULL BLOOM
FIELD NITROGEN SAP ANALYSIS	Variety														
1											1,100				
2											1,100				
3											1,100				
4											1,200				
SAP Average Actual (NO3-N)											1,125				
Low (NO3-N)											700				
High (NO3-N)											900				
Indication Mark											☹	3			
FIELD NITROGEN DRY ANALYSIS															
1											4.70	4.52	4.73	5.18	
2											4.62	4.55	4.24	3.74	
3											4.57	4.62	4.82	4.74	
4											4.84	4.74	4.08	4.45	
DRY Average Actual (NO3-N)											4.68	4.61	4.47	4.53	
Low (NO3-N)											4.00	4.00	4.00	4.00	
High (NO3-N)											4.80	4.80	4.80	4.80	
Indication Mark											✓	2	✓	2	✓
FIELD POTASSIUM SAP ANALYSIS															
1											3,400				
2											2,800				
3											3,100				
4											3,000				
SAP Average Actual (K+)											3,075				
Low (K+)											3,500				
High (K+)											4,000				
Indication Mark											✗	1			
FIELD POTASSIUM DRY ANALYSIS															
1											2.48	3.11	3.14	3.88	
2											2.84	2.43	2.83	2.59	
3											2.87	2.39	2.56	2.78	
4											2.77	2.40	2.80	2.54	
DRY Average Actual (K+)											2.74	2.58	2.83	2.95	
Low (K+)											2.1	2.1	2.1	2.1	
High (K+)											3.3	3.3	3.3	3.3	
Indication Mark											✓	2	✓	2	✓
FIELD pH SAP ANALYSIS															
1											5.8				
2											6.2				
3											6.7				
4											5.8				
Average Actual (pH)											6.13				
Low (pH)											5.4				
High (pH)											7.0				
Indication Mark											✓	2			
FIELD EC SAP ANALYSIS															
1											14.1				
2											14.0				
3											14.5				
4											14.8				
Average Actual (EC)											14.4				
Low (EC)											2.00				
High (EC)											12.00				
Indication Mark											☹	3			

