

Table 1. Continuous flood trial

Treatment	Rate	Timing ³	Application date	Crop injury ¹				Weed Control ²												Yield (lb/A)
				7 DAT	14 DAT	7 DAT	14 DAT	ECHP	SCPMU	HETU	BAORO	ECHP	SCPMU	HETU	BAORO	ECHP	SCPMU	HETU		
				1st trt	2nd trt			20-Jun				12-Jul				2-Aug				
Untreated ⁴	---	---	1st 2nd	1st trt	2nd trt			19	10	18	21	30	10	11	19	24	5	9	6843	
Cerano	673	DOS	1-Jun	5	9			100	0	73	15	95	0	65	0	86	0	75	8076	
Cerano fb. Superwham + COC	673 fb. 6726 + 1.25% v/v	DOS fb. 1-3 Til	1-Jun 26-Jun	5	14	0	0	100	0	69	19	98	98	90	71	100	38	100	9144	
Cerano fb. Regiment + NIS	673 fb. 37 + .125% v/v	DOS fb. 1-3 Til	1-Jun 26-Jun	5	11	0	0	100	18	76	21	99	49	88	61	100	53	63	8394	
Cerano fb. Granite GR	673 fb. 40	DOS fb. 2-3 lsr	1-Jun 11-Jun	5	8	1	0	100	89	98	100	100	99	100	100	100	95	63	8679	
Cerano fb. Granite GR	448 fb. 40	DOS fb. 2.5 lsr	1-Jun 11-Jun	5	9	1	0	100	81	98	100	100	98	98	100	100	93	100	8592	
Granite GR	40	2-3 lsr	11-Jun	0	0			100	100	94	100	98	100	100	100	98	99	100	8948	
Granite GR fb. Stam 80 EDF + COC	40 fb. 6726 + 2.5% v/v	2-3 lsr fb. 1-3Til	11-Jun 26-Jun	0	0	0	0	100	98	78	100	99	95	93	100	98	98	100	9892	
Granite GR fb. Clincher + COC	40 fb. 315 + 2.5% v/v	1.5 lsr fb. 1-3 Til	6-Jun 26-Jun	0	0	0	0	100	100	100	100	100	83	100	100	100	88	100	9095	
Granite GR fb. Clincher + COC	40 fb. 315 + 2.5% v/v	2-3 lsr fb. 1-3 Til	11-Jun 26-Jun	0	0	0	0	100	59	44	100	99	86	91	100	95	85	75	9233	
Abolish fb. Granite GR	4480 fb. 40	PFS fb. 2-3 lsr	30-May 11-Jun	0	0	0	1	100	100	98	100	100	100	100	100	100	100	100	8974	
Shark fb. Granite GR (fb. Foliar if needed)	224 fb. 40	2-3 lsr	11-Jun	0	0			100	80	60	100	99	100	93	100	95	100	98	9882	
Bolero fb. Superwham + COC	4480 fb. 6726 + 1.25% v/v	1-2 lsr fb. 1-3 Til	6-Jun 26-Jun	0	0	0	0	100	64	39	100	99	100	28	100	96	100	36	9599	
Abolish fb. SuperWham + COC	4480 fb. 6726 + 1.25% v/v	PFS bf. 1-3 til	30-May 26-Jun	1	0	0	0	100	38	53	100	99	100	84	100	99	95	88	9935	
Superwham+ Grandstand+ COC	6726 + 280 + 1.25% v/v	1-3 Til	26-Jun	5	0			NA	NA	NA	NA	73	100	53	64	70	100	49	9185	
Shark fb. Clincher + COC	224 fb. 315 + 1.25% v/v	2-3 lsr fb. 1-3 Til	11-Jun 26-Jun	0	0	0	0	46	13	13	88	79	53	56	74	74	56	88	9095	
Shark fb. SuperWham + COC	224 fb. 6726 + 1.25% v/v	2-3 lsr fb. 1-3 Til	11-Jun 26-Jun	0	0	1	0	40	38	40	80	60	100	93	99	54	100	94	9976	
SuperWham + COC	6726 + 1.25% v/v	1-3 Til	26-Jun	0	0			NA	NA	NA	NA	54	100	43	43	71	100	56	8180	
Regiment + NIS	37 + .125% v/v	1-3 Til	26-Jun	0	0			NA	NA	NA	NA	76	100	18	43	71	96	88	7431	
Ordram 15G + Londax	4480 fb. 71	1-2 lsr	6-Jun	0	0			100	100	98	100	99	100	100	96	100	100	100	8841	

LSD (P=0.05)

1575

¹ % Stand (percent stand reduction), % Stunting (percent stunting of rice), % Injury (percent injury to rice)² ECHPH (Late watergrass), SCPMU (Rice field bulrush), CYPDI (Small flower Umbrellaplant), HETLI (Duck salad), LEFFA (Sprangletop), BAORO (Waterhyssop), AMMCO (Redstem), SAGMO (California arrowhead)³ PFS (pre-flood surface), PPI (pre-plant incorporated), fb. (followed by), lsr (leaf stage of rice), Til (tillers of rice).⁴ Untreated weed control values represent % cover by the respective weed species**Trial Information**

1. Abolish applied May 30 to dry soil prior to flood
2. Trial seeded June 1, 2006 with 150 lbs per acre of M206
3. Trial managed as a permanent flood with flood water at 4-5 inches.
4. No weeds were visible when Cerano was applied on day of seeding June 1.
Watergrass was 2 leaf, ducksalad was 2 leaf on June 6.
Watergrass was 2 leaf, ricefield bulrush was 2 leaf, smallflower umbrellasedge was 2 leaf, ducksalad was 2 leaf on June 11.
Watergrass was 5 leaf - 2 tiller, ricefield bulrush was 4 leaf, ducksalad was 3-4 leaf and waterhyssop was 10 leaf on June 26.
5. Spray applications made with 20 gallons/acre using 8003 nozzles.
6. Weather conditions on May 30: Air temperature 85° F, wind 0-2 MPH from the west, southwest.
Weather conditions on June 1: Air temperature 85° F, wind 0-1 MPH from the south.
Weather conditions on June 6: Air temperature 81° F, wind 4-5 MPH from the southwest.
Weather conditions on June 11: Air temperature 78° F, wind 1-4 MPH from the northwest.
Weather conditions on June 26: Air temperature 86° F, wind 3-5 MPH from the south.

Table 2. Dow continuous flood (yield)

					Crop injury ¹		% Weed Control ²																
Treatment	Rate (g ai/ha)	Timing ³	Application date				7 DAT	14 DAT	7 DAT	14 DAT	EOH	SCWJ	HETJ	BAO	EOH	SCWJ	HETJ	BAO	EOH	SCWJ	HETJ	Yield (t/ha)	
			1st	2nd	3rd	4th	1st trt	2nd trt															
Untreated ⁴	---	---																					
Cerano fb. Clincher + COC fb. Stam + COC	673 fb. 315 + 1.25% v/v fb. 6720 + 2.5% v/v	1-2 DAS fb. 3-4 Isr fb. 1-3Till	2-Jun	14-Jun	26-Jun		9	0			11	10	25	13	19	4	14	16	10	4	9	7765	
Cerano fb. Clincher + COC fb. Stam + COC	1346 fb. 315 + 1.25% v/v fb. 6720 + 2.5% v/v	1-2 DAS fb. 3-4 Isr fb. 1-3Till	2-Jun	14-Jun	26-Jun		25	28			98	0	78	0	100	30	65	40	100	40	98	9631	
Cerano fb. Granite GR fb. Clincher + COC fb. Stam + Granite GR fb. Clincher + COC fb. Stam + COC	448 fb. 40 fb. 315 + 1.25% v/v fb. 6720 + 40 fb. 315 + 1.25% v/v fb. 6720 + 2.5% v/v	1-2 DAS fb. 7-14 DAS (2.5-3 Isr) fb. 3-4 Isr fb. 1-3Till	2-Jun	12-Jun	14-Jun	26-Jun	5	0	0		100	91	100	100	100	100	100	100	100	100	100	9749	
Granite GR fb. Clincher + COC fb. Stam + COC	80 fb. 315 + 1.25% v/v fb. 6720 + 2.5% v/v	7-14 DAS (2.5-3 Isr) fb. 3-4 Isr fb. 1-3Till	12-Jun	14-Jun	26-Jun		0				100	95	6	100	100	100	54	100	98	100	50	9291	
Bolero 15G fb. Clincher + COC fb. Stam + COC	4480 fb. 315 + 1.25% v/v fb. 6720 + 2.5% v/v	7-12 DAS (2 Isr) fb. 3-4 Isr fb. 1-3Till	9-Jun	14-Jun	26-Jun		0				100	89	76	100	100	98	100	100	100	91	100	10102	
Bolero 15G fb. Clincher + COC fb. Stam + COC	8960 fb. 315 + 1.25% v/v fb. 6720 + 2.5% v/v	7-12 DAS (2 Isr) fb. 3-4 Isr fb. 1-3Till	9-Jun	14-Jun	26-Jun		0	0			94	86	0	100	93	78	45	100	100	98	23	9299	
Bolero 15G fb. Granite GR fb. Clincher + COC fb. Stam	480 fb. 40 fb. 315 + 1.25% v/v fb. 6720 + 40 fb. 224 fb. 315 + 1.25% v/v fb. 6720 + 2.5% v/v	7-12 DAS (2 Isr) fb. 7-14 DAS (2.5-3 Isr) fb. 3-4 Isr fb. 1-3Till	9-Jun	12-Jun	14-Jun	26-Jun	0	0	0		100	89	60	100	100	98	79	100	100	100	68	8760	
COC			14-Jun	26-Jun			0				100	91	15	100	100	96	80	100	100	98	68	9723	
LSD (P=0.05)			14-Jun	26-Jun							100	---	0	0	99	96	56	31	100	75	31	8328	
																							1483.8

¹ % Stand (percent stand reduction), % Stunting (percent stunting of rice), % Injury (percent injury to rice)

² ECHPH (Late watergrass), SCPMU (Rice field bulrush), CYPDI (Small flower Umbrellaplant), HETLI (Duck salad), LEFFA (Sprangletop), BAORO (Waterhyssop) AMMCO (Redstem), SAGMO (California arrowhead)

³ fb. (followed by), Isr (leaf stage of rice), Til (tillers of rice).

⁴ Untreated weed control values represent % cover by the respective weed species

Trial Information

1. Trial seeded
2. Trial managed as a continuous flood with 3-4 inches.
3. No weeds visible on June 2.
Watergrass was 2 leaf, ricefield bulrush was 2 leaf smallflower umbrellasedge was 2 leaf and ducksalad was 2 leaf on June 9.
Watergrass was 2 leaf, ricefield bulrush was 2 leaf smallflower umbrellasedge was 2 leaf and ducksalad was 2 leaf on June 12.
Watergrass was 3 leaf, ricefield bulrush was 3-4 leaf smallflower umbrellasedge was 2-3 leaf and ducksalad was 3 leaf on June 14.
Watergrass was 5 leaf, ricefield bulrush was 4 leaf and ducksalad was 3-4 leaf on June 26.
4. Spray applications made with 20 gallons/acre using 8003 nozzles.
5. Weather conditions on June 2: Air temperature 66° F, wind 3-6 MPH from the southeast.
Weather conditions on June 9: Air temperature 77° F, wind 2-5 MPH from the west, northwest.
Weather conditions on June 12: Air temperature 72° F, wind 5-8 MPH from the southeast.
Weather conditions on June 14: Air temperature 84° F, wind 2-5 MPH from the southwest.
Weather conditions on June 26: Air temperature 86° F, wind 2-5 MPH from the south.

Table 3. FMC continuousflood

Treatment	Rate	Timing ³	Date	Crop injury ¹				Weed Control ²												Yield (lb/A)		
				7 DAT		14 DAT		ECHPH LEEFA SCPMU HETLI BAORO					ECHPH SCPMU HETLI BAORO				ECHPH SCPMU HETLI					
				1st	2nd	1st	2nd	20-Jun					12-Jul				2-Aug				6-Oct	
(g ai/ha)	Prod/a	1st	2nd	1st trt	2nd trt																	
Untreated ⁴	–		–					10	3	8	9	10	13	6	16	13	11	5	8	7611		
Cerano fb. F6117 2SC	673 fb. 84	12lb fb. 4.8oz	DOS fb. 2 lsr	1-Jun	8-Jun	10	6	6	0	100	100	6	75	100	96	0	94	100	96	0	100	7921
Cerano fb. F6117 2SC	673 fb. 112	12lb fb. 6.4oz	DOS fb. 2 lsr	1-Jun	8-Jun	10	6	6	0	100	100	19	98	100	98	0	100	100	96	0	100	8416
Cerano fb. F6117 2SC	673 fb. 168	12lb fb. 9.6oz	DOS fb. 2 lsr	1-Jun	8-Jun	10	9	9	0	100	100	19	100	100	98	0	100	100	100	13	100	9005
Cerano fb. F6117 2SC	673 fb. 224	12lb fb. 12.8oz	DOS fb. 2 lsr	1-Jun	8-Jun	10	8	8	0	100	100	81	100	100	94	94	100	100	96	69	100	9578
Cerano fb. F6117 2SC	673 fb. 336	12lb fb. 19.2	DOS fb. 2 lsr	1-Jun	8-Jun	10	6	6	0	100	100	100	100	100	94	100	100	100	95	100	100	9213
Cerano fb. Shark H2O 40 DF	673 fb. 224	12lb fb. 8oz	DOS fb. 2 lsr	1-Jun	8-Jun	10	6	6	0	100	100	81	100	98	93	48	100	100	94	45	100	9452
Cerano fb. Shark H2O 40 DF + F6117 2SC	673 fb. 224 + 84	12lb fb. 8oz + 4.8oz	DOS fb. 2 lsr	1-Jun	8-Jun	10	5	5	0	100	100	100	100	100	95	90	100	100	94	84	100	9432
Cerano fb. Shark H2O 40 DF + F6117 2SC	673 fb. 224 + 112	12lb fb. 8oz + 6.4oz	DOS fb. 2 lsr	1-Jun	8-Jun	10	3	3	0	100	100	100	100	100	94	86	100	100	93	90	100	9282
Cerano fb. Shark H2O 40 DF + F6117 2SC	673 fb. 224 + 168	12lb fb. 8oz + 9.6oz	DOS fb. 2 lsr	1-Jun	8-Jun	10	5	5	0	100	100	100	100	100	96	96	100	100	98	75	100	8751
Cerano fb. Shark H2O 40 DF + F6117 2SC	673 fb. 224 + 224	12lb fb. 8oz + 12.8oz	DOS fb. 2 lsr	1-Jun	8-Jun	10	4	4	0	100	100	100	100	100	98	100	100	100	95	93	100	9329
Cerano fb. F8426 13.5% WDG	673 fb. 224	12lb fb. 1.5lb	DOS fb. 2 lsr	1-Jun	8-Jun	10	0	3	0	100	100	75	100	100	98	43	100	100	96	35	100	8988
Cerano fb. F8426 3.4% WDG	673 fb. 224	12lb fb. 5.9lb	DOS fb. 2 lsr	1-Jun	8-Jun	10	4	4	0	100	100	81	100	100	98	45	100	100	99	40	100	9209
Cerano fb. Londax	673 fb. 71	12lb fb. 1.68oz	DOS fb. 2 lsr	1-Jun	8-Jun	10	6	6	0	100	100	69	100	100	98	90	100	98	100	83	100	9204

LSD (P=0.05)

774

¹ % Stand (Percent stand reduction), % Stunting (Percent stunting of rice), % Injury (percent injury to rice)² ECHPH (Late watergrass), SCPMU (Rice field bulrush), CYPDI (Small flower Umbrellaplant), HETLI (Duck salad)
LEEFA (Sprangletop), BAORO (Waterhyssop), AMMCO (Redstem), SAGMO (California arrowhead)³ DOS (day of seeding), fb. (followed by), lsr (leaf stage of rice), Til (tillers of rice).⁴ Untreated weed control values represent % cover by the respective weed species**Trial Information**

1. Trial seeded June 1, 2006 with 150 lbs per acre of M206

2. Trial managed as a continuous flood with 3-4 inches.

3. No weeds visible on June 1.

Watergrass was 2 leaf, rice field bulrush was 2 leaf, small flower umbrellas edge was 2 leaf and duck salad was 2 leaf on June 8.

4. Spray applications made with 20 gallons/acre using 8003 nozzles.

5. Weather conditions on June 1: Air temperature 79° F, wind 0-4 MPH from the south.

Weather conditions on June 8: Air temperature 76° F, wind 2-3 MPH from the south.

Table 4. Isagro continuous flood

Treatment	Rate (g ai/ha)	Timing ³	Date 1st 2nd 3rd	Crop injury ¹		% Weed Control ²												Yield (lb/A)			
				7 DAT	14 DAT	ECHPH	SCPMU	HETLI	BAORO	ECHPH	SCPMU	HETLI	BAORO	ECHPH	SCPMU	HETLI					
Untreated ⁴	—	—		1st trt	2nd trt	20-Jun				12-Jul				2-Aug				6-Oct			
IR-5878 GR	74.5	1-2 lsr	6-Jun	0	0					10	13	11	6	6	5	16	53	16	5	10	7265
Granite GR	40	2.5 lsr	11-Jun	0	0					61	19	13	100	13	30	25	68	13	50	15	7669
Cerano fb. IR-5878 GR	673 fb. 74.5	DOS fb. 1-2 lsr	1-Jun 6-Jun	NA	6	8	0			79	0	90	75	90	29	75	88	91	30	75	9016
Cerano fb. IR-5878 GR	673 fb. 74.5	DOS fb. 3-4 lsr	1-Jun 12-Jun	NA	8	0	0			100	63	95	100	90	94	94	100	95	75	75	9154
IR-5878 GR + Bolero	74.5 + 4540	1-2 lsr	6-Jun	0	0					56	0	25	100	5	0	21	100	28	26	63	7396
IR-5878 GR fb. Super Wham + COC	74.5 fb. 6726 + 1.25% v/v	1-2 lsr fb. 1-3 Tiller	6-Jun 27-Jun	0	0	0	0			63	0	25	100	28	65	41	75	53	100	50	9022
IR-5878 GR fb. Super Wham + COC	101 fb. 6726 + 1.25% v/v	1-2 lsr fb. 1-3 Tiller	6-Jun 27-Jun	0	0	0	0			73	0	19	75	44	23	19	49	75	100	25	8468
IR-5878 GR fb. Clincher + COC	74.5 fb. 315 + 1.25 % v/v	1-2 lsr fb. 1-3 Tiller	6-Jun 27-Jun	0	0	0	0			66	0	0	100	65	48	20	93	93	26	0	8126
IR-5878 fb. Super Wham + Whip + COC	74.5 fb. 6726 + 31.5 + 1.25% v/v	1-2 lsr fb. 1-3 Tiller	6-Jun 27-Jun	0	0	0	0			63	0	20	75	93	21	5	93	73	100	53	8848
Cerano fb. IR-5878 GR fb. Super Wham + COC	673 fb. 74.5 fb. 6726 + 1.25% v/v	DOS fb. 1-2 lsr fb. 1-3 Tiller	1-Jun 6-Jun 27-Jun	NA	8	6	0			100	0	100	100	96	46	85	98	98	63	73	9343
Bolero + IR-5878 GR fb. Super Wham + COC	4540 + 74.5 fb. 6726 + 1.25% v/v	1-2 lsr fb. 1-3 Tiller	6-Jun 27-Jun	0	0	0	0			68	13	0	100	58	58	53	100	65	100	73	9109
Cerano fb. Super Wham + COC	673 fb. 6726 + 1.25% v/v	DOS fb. 1-3 Tiller	1-Jun 27-Jun	NA	10	0	0			78	0	90	43	98	31	98	9	100	53	100	9283
Cerano fb. IR-5878 GR fb. Grandstand + COC	673 fb 74.5 fb. 158 + 1.25% v/v	DOS fb. 1-2 lsr fb. 1-3 Tiller	1-Jun 6-Jun 27-Jun	NA	6	10	0			98	0	85	98	90	36	86	71	91	45	75	9446
IR-5878 GR fb. Grandstand + COC	74.5 fb. 158 + 1.25% v/v	1-2 lsr fb. 1-3 Tiller	6-Jun 27-Jun	0	0	0	0			85	0	0	100	10	29	5	95	0	74	0	7960
Cerano fb. IR-5878 GR	673 fb. 101	DOS fb. 1-2 lsr	1-Jun 6-Jun	NA	9	6	0			100	15	88	76	91	0	85	86	95	0	95	8794
																					1002

1002

LSD (P=0.05)

¹ % Stand (percent stand reduction), % Stunting (percent stunting of rice), % Injury (percent injury to rice)² ECHPH (Late watergrass), SCPMU (Rice field bulrush), CYPDI (Small flower Umbrellaplant), HETLI (Duck salad), LEFFA (Sprangletop), BAORO (Waterhyssop), AMMCO (Redstem), SAGMO (California arrowhead)³ fb. (followed by), lsr (leaf stage of rice), Til (tillers of rice), DPRE (pre emergent), EPE (early post emergent), PPF (post permanent flood).⁴ Untreated weed control values represent % cover by the respective weed species**Trial Information**

1. Trial seeded June 1, 2006 with 150 lbs per acre of M206
2. Trial managed as a continuous flood.
3. Watergrass was 2 leaf, ducksalad was 2 leaf on June 6.
Watergrass was 2-3 leaf, bulrush was 2 leaf, smallflower was 2 leaf, ducksalad was 2 leaf on June 11.
Watergrass was 2-3 leaf, bulrush was 2 leaf, smallflower was 2 leaf, ducksalad was 2 leaf on June 12.
Watergrass was 1-3 tiller, bulrush was 4 leaf, smallflower was 4 leaf, ducksalad was 3 leaf, waterhyssop was 4 leaf and redstem was 4 leaf on June 27.
4. Spray applications made with 20 gallons/acre using 8003 nozzles.
5. Weather conditions on June 1: Air temperature 79° F, wind 0-4 MPH from the south.
Weather conditions on June 6: Air temperature 81° F, wind 4 MPH from the southwest.
Weather conditions on June 11: Air temperature 77° F, wind 6 MPH from the southwest.
Weather conditions on June 12: Air temperature 68° F, wind 10 MPH from the southeast.
Weather conditions on June 27: Air temperature 86° F, wind 3-5 MPH from the south.

Table 5. Dow pinpoint flood

Treatment	Rate	Timing ³	Date	Crop injury ¹				Weed Control ²												Yield (lb/A)				
				7 DAT		14 DAT		ECHPH				CYPDI				HETLI					BAORO			
				1st trt	2nd trt	20-Jun	12-Jul	31-Jul	4-Oct															
Untreated ⁴	—	—	1st	2nd	1st trt	2nd trt	9	25	5	5	11	18	5	3	34	11	23	5	6	6072				
Granite SC + COC	35 + 2.5% v/v	2-3 lsr	14-Jun		0	0	88	89	75	100	85	95	100	100	43	99	81	100	0	8268				
Granite SC + COC	50 + 2.5% v/v	2-3 lsr	14-Jun		0	0	90	94	96	100	89	98	100	100	45	100	81	100	0	8178				
Granite SC + COC	50 + 2.5% v/v	4-5 lsr	22-Jun		0	0	NA	NA	NA	NA	90	96	100	100	43	100	86	100	0	8099				
Granite SC + COC	70 + 2.5% v/v	4-5 lsr	22-Jun		0	0	NA	NA	NA	NA	95	93	100	100	48	100	81	100	0	7397				
Regiment + NIS	38 + 0.125 % v/v	4-5 lsr	22-Jun		4	3	NA	NA	NA	NA	93	81	74	100	55	100	68	74	0	6907				
Regiment + NIS	76 + 0.125 % v/v	4-5 lsr	22-Jun		11	5	NA	NA	NA	NA	93	96	98	100	40	100	79	98	0	7545				
Clincher + COC fb. Stam 80 EDF	315 + 1.25% v/v fb. 6720 + 1.25% V/V	2-3 lsr fb. 4-5 lsr	14-Jun	22-Jun	0	0	0	0	80	—	—	—	100	100	98	75	93	100	84	98	75	8808		
LSD (P=0.05)																							957.4	

¹ % Stand (percent stand reduction), % Stunting (percent stunting of rice), % Injury (percent injury to rice)

² ECHPH (Late watergrass), SCPMU (Rice field bulrush), CYPDI (Small flower Umbrellaplant), HETLI (Duck salad), LEFFA (Sprangletop),
BAORO (Waterhyssop), AMMOO (Redstem), SAGMO (California arrowhead)

³ PFS (pre-flood surface), PPI (pre-plant incorporated), fb. (followed by), lsr (leaf stage of rice), Til (tillers of rice).

⁴ Untreated weed control values represent % cover by the respective weed species

Trial Information

1. Trial seeded June 1, 2006 with 150 lbs per acre of M206
2. Trial managed as a pinpoint flood with flood water drained June 7 refflood June 22.
3. Watergrass was 3 leaf, ricefield bulrush was 4 leaf smallflower umbrellasedge was 2-3 leaf and duck salad was 3 leaf on June 14.
Watergrass was 1-2 till, ricefield bulrush was 4 leaf smallflower umbrellasedge was 2-3 leaf and duck salad was 3 leaf on June 22.
4. Spray applications made with 20 gallons/acre using 8003 nozzles.
5. Weather conditions on June 14: Air temperature 84° F, wind 2-3 MPH from the southwest
Weather conditions on June 22: Air temperature 77° F, wind 4-5 MPH from the northwest.

Table 6. Pinpoint flood trial

Treatment	Rate (g ai/ha)	Timing ³	Date	Crop injury ¹				Weed Control ²										Yield (lb/A)								
				% Stand	% Stunting	7 DAT		7 DAT	14 DAT	ECHPH	CYPDI	HETLI	BAORO	LEFFA	ECHPH	SCPMU	CYPDI		HETLI	LEFFA						
						1st trt	2nd trt														20-Jun	12-Jul	2-Aug	4-Oct		
Untreated ⁴								9	9	8	5	11	18	10	3	9	14	3	25	10	9	6369				
Granite SC + Stam + COC	35 + 6726 + 25% v/v	3-4 Isr	15-Jun	0	1	1	0					79	96	99	100	96	100	100	100	63	100	100	94	100	4	7730
Granite SC + COC fb. Stam + COC	35 + 25% v/v fb. 6726 + 25% v/v	3-4 Isr fb. 1-2 TI	15-Jun	27-Jun	0	0	0	0	0	0	0	88	95	96	100	93	100	100	100	78	100	75	100	100	43	8378
Clincher + Granite SC + COC	315 + 35 + 25% v/v	3-4 Isr	15-Jun		0	0	0	0				89	76	90	100	95	85	95	75	98	100	100	55	95	90	7685
Clincher + COC fb. Stam + COC	315 + 125% v/v fb. 6726 + 25% v/v	3-4 Isr fb. 1-2 TI	15-Jun	27-Jun	0	0	0	0	0	0	0	74	71	45	55	99	100	88	100	95	100	100	100	88	90	8241
Clincher + COC fb. Regiment + NIS	315 + 25% v/v fb. 37 + 125% v/v	3-4 Isr fb. 1-2 TI	15-Jun	27-Jun	0	0	0	0	1	0		65	48	18	25	93	81	95	100	98	100	100	53	95	100	6789
Clincher + Granite SC + COC fb. Stam + COC	280 + 35 + 25% v/v fb. 6726 + 25% v/v	3-4 Isr fb. 30-35 DAS	15-Jun	27-Jun	0	0	0	0	0	0	0	49	91	91	100	94	100	100	100	95	100	100	100	100	90	8534
Clincher + COC fb. Stam + Granite SC + COC	280 + 25% v/v fb. 4484 + 35 + 25% v/v	3-4 Isr fb. 30-35 DAS	15-Jun	27-Jun	0	0	0	0	0	0	0	83	—	—	—	96	100	100	100	94	100	100	100	100	100	8582
Clincher + COC	315 + 25% v/v	3-4 Isr	15-Jun		0	0	0	0				73	—	—	—	89	—	—	—	100	75	—	—	—	99	6844
Regiment + Abolish	30 + 3360	3-4 Isr	15-Jun		0	0	5	0				90	83	94	100	91	85	81	100	88	100	100	36	81	53	7932
Regiment + NIS fb. Super Wham + COC	30 + 125% v/v fb. 6726 + 125% v/v	3-4 Isr fb. 1-2 TI	15-Jun	27-Jun	1	1	3	0	0	0	0	89	94	95	99	84	100	99	100	66	100	100	100	99	36	8013
Regiment + NIS	30 + 0.125% v/v	3-4 Isr	15-Jun		0	0	1	0				91	84	85	99	90	88	91	100	54	100	100	13	91	21	7806
Regiment + NIS + UAN	30 + 0.125% v/v + 2% v/v	3-4 Isr	15-Jun		0	0	9	0				95	95	91	100	88	81	84	75	50	75	100	35	84	13	6826
Regiment + Whip + NIS	30 + 32 + 0.125% v/v	3-4 Isr	15-Jun		0	0	3	0				95	95	95	100	89	45	76	100	91	100	100	13	76	80	6775
Regiment + MCPA + NIS	37 + 560 + 125% v/v	1-2 TI	27-Jun		0	0	0	0				NA	NA	NA	NA	93	100	99	100	61	100	100	78	99	15	7308
MCPA + NIS	560 + 125% v/v	1-2 TI	27-Jun		0	0	0	0				NA	NA	NA	NA	—	99	83	100	—	—	100	93	83	—	6653
Super Wham + Abolish + COC	4484 + 4484 + 125% v/v	3-4 Isr	15-Jun		0	6	10	0				95	100	98	100	90	93	73	100	96	100	100	80	73	98	7873
SuperWham + Whip + COC	6726 + 32 + 125% v/v	3-4 Isr	15-Jun		0	3	3	0				93	98	84	100	93	86	19	100	94	100	100	38	19	91	8292
SuperWham + MCPA + COC	6726 + 560 + 125% v/v	1-2 TI	27-Jun		0	0	5	0				NA	NA	NA	NA	94	100	83	100	75	100	100	100	83	54	8044
SuperWham + COC	6726 + 125% v/v	1-2 TI	27-Jun		0	0	0	0				NA	NA	NA	NA	94	100	75	100	80	100	100	100	75	41	7753
Wham 60 DF + COC	6726 + 125% v/v	1-2 TI	27-Jun		0	0	0	0				NA	NA	NA	NA	89	98	95	100	86	100	100	100	95	50	7645

LSD (P=0.05)

1086

¹ % Stand (percent stand reduction), % Stunting (percent stunting of rice), % Injury (percent injury to rice)² ECHPH (Late watergrass), SCPMU (Rice field bulrush), CYPDI (Small flower Umbrellaplant), HETLI (Duck salad), LEFFA (Sprangletop), BAORO (Waterhyssop), AMMCO (Redstem), SAGMO (California arrowhead)³ PFS (pre-flood surface), PPI (pre-plant incorporated), fb. (followed by), Isr (leaf stage of rice), Til (tillers of rice).⁴ Untreated weed control values represent % cover by the respective weed species**Trial Information**

1. Trial seeded June 1, 2006 with 150 lbs per acre of M206

2. Trial managed as a pinpoint flood with flood water drained June 7 reflood June 17.

3. Watergrass was 3 leaf, ricefield bulrush was 4 leaf, smallflower umbrellasedge was 2-3 leaf and duck salad was 3 leaf on June 15.

Watergrass was 2 tiller, ricefield bulrush was 5 leaf, smallflower umbrellasedge was 3 leaf, duck salad was 4 leaf, sprangletop was 5 leaf on June 27.

5. Spray applications made with 20 gallons/acre using 8003 nozzles.

6. Weather conditions on June 15: Air temperature 73° F, wind 0-2 MPH from the northwest.

Weather conditions on June 27: Air temperature 86° F, wind 3-5 MPH from the south.

Table 7. Isopropin point flood

Treatment	Rate	Timing	Date	Op injury ¹				%Weed Control ²														Yield (lb/A)		
				7 DAT	14 DAT	7 DAT	14 DAT	E C H P H	C Y P D I	H E T L I	B A O R O	E C H P H	L E F F A	C Y P D I	H E T L I	B A O R O	A M M C O	E C H P H	C Y P D I	L E F F A	H E T L I			
(gal/ha)		Prods		1st	2nd	1st rt	2nd rt	20 Jun				11 Jul				31 Jul				30 Oct				
Untreated ⁴	-	-	-					15	5	6	4	6	9	8	10	4	1	6	6	7	5	714		
R6878/G+Kneic	745+015/6w	21ozA+015/6w	34lsr	15Jun		0	0			93	95	64	98	86	18	86	19	33	63	70	0	0	0	6662
GanESCO+Kneic	35+015/6w	20ozA+015/6w	34lsr	15Jun		0	0			28	100	95	98	95	41	85	99	99	100	100	45	0	0	7882
R6878/G+Kneicb. Chdr+COG	745+015/6w/b. 315+123/6w	21ozA+015/6w/b. 15ozA+123/6w	34lsr/b. 13Tiler	15Jun 27Jun		0	0	0	0	79	100	85	100	99	98	98	40	69	25	100	23	96	0	7685
R6878/G+SuperWam+COG	745+484+123/6w	21ozA+4q/A+123/6w	34lsr	15Jun		5	0			91	100	99	99	94	83	91	54	93	100	96	25	44	0	7613
R6878/G+Abdsh	745+363	21ozA+3p/A	34lsr	15Jun		3	0			83	74	60	95	95	75	93	38	100	100	61	21	63	0	8185
R6878/G+Flow-HD	745+1118	21ozA+21p/A	34lsr	15Jun		1	0			79	85	39	75	94	63	75	25	100	98	66	0	14	0	7382
R6878/G+SuperWam+Flow-HD+COG	745+484+1118+123/6w	21ozA+4q/A+21p/A+123/6w	34lsr	15Jun		1	0			83	98	88	100	98	84	99	54	95	100	95	4	50	0	7736
R6878/G+SuperWam+Wip+COG	745+484+315+123/6w	21ozA+4q/A+6ozA+123/6w	34lsr	15Jun		8	0			93	100	99	100	99	96	76	53	75	100	91	3	98	0	8181
R6878/G+Shak+Kneicb. Chdr+COG	745+28+015w/b. 315+123/6w	21ozA+10ozA+015/6w/b. 15ozA+123/6w	34lsr/b. 13Tiler	15Jun 27Jun		0	0	0	0	86	95	84	100	100	100	99	29	75	100	100	51	91	0	6609
R6878/G+Kneicb. Gandard+COG	745+015/6w/b. 158+123/6w	21ozA+015/6w/b. 60ozA+123/6w	34lsr/b. 13Tiler	15Jun 27Jun		1	0	0	0	95	100	74	75	95	50	98	48	90	100	83	49	14	0	7204
R6878/G+Kneic	105+015/6w	30ozA+015/6w	34lsr	15Jun		3	0			94	99	90	98	89	48	68	36	80	38	53	0	10	0	7030
R6878/G+SuperWam+COG	105+484+123/6w	30ozA+4q/A+123/6w	34lsr	15Jun		4	0			89	100	98	100	94	75	93	44	75	100	73	3	24	0	8013

LSD(P=0.05)

1015

¹% Sand (percent sand), % Suring (percent suring), % Injury (percent injury)²EC (Late water grass), SCMU (Red field bulrush), CYPDI (Small flower Umbel plant), ETLI (Duckweed), LEFFA (Sprangletop), BAORO (Water hyssop), AMMCO (Red stem), SAGMO (California arrowweed)³lb. (lb weed by), lsr (leaf stage of rice), Tl (Tiller stage of rice), DPRE (pre emergent), EPF (early post emergent), PPF (post permanent flood)⁴Untreated weed control values represent % cover by the respective weed species**Trial Information**

1. Trial seeded June 1, 2006 with 150 lbs per acre of M26
2. Trial managed as a point flood, water dropped June 10 and final flood on June 17.
3. Water grass was 3 leaf, bulrush was 4 leaf, small flower was 2-3 leaf, duckweed was 3 leaf on June 15
4. Spray applications made with 20 gal sprayer using 800 nozzles
5. Weather condition on June 15: Air temperature 73°F, wind 12 MPH from the north west

Table 8. Bayer pinpoint flood

				Date	Injury ¹		Weed Control ²								Yield (lb/A)		
Treatment	Rate	Timing ³			7 DAT	14 DAT	ECHPH	CYPDI	HETLI	ECHPH	CYPDI	HETLI	LEFFA	ECHPH		CYPDI	LEFFA
	(g ai/ha)			1st	1st trt	20-Jun			12-Jul				2-Aug			3-Oct	
Untreated ⁴	—	—				13	9	8	5	16	11	10	14	43	29	6357	
Ricestar HT	66	Early till SPTP	no earlier than 3-4sr	14-Jun	0.0	0.0	51	—	—	80	—	—	91	55	—	93	6508
Ricestar HT	86	Early till SPTP	no earlier than 3-4sr	14-Jun	0.0	0.0	61	—	—	93	—	—	96	65	—	99	5808
Ricestar HT + Regiment + Kinetic	86 + 37.5 + 0.25% v/v	Early till SPTP	no earlier than 3-4sr	14-Jun	0.0	0.0	80	95	95	98	81	71	95	93	0	99	8239
Regiment + Kinetic	37.5 + 0.25% v/v	Early till SPTP	no earlier than 3-4sr	14-Jun	0.0	0.0	81	85	85	90	96	94	18	86	45	0	7624
Ricestar HT + propanil + COC	86 + 4484 + 0.25% v/v	Early till SPTP	no earlier than 3-4sr	14-Jun	0.0	0.0	81	94	98	99	76	80	95	78	36	93	7808
propanil + COC	4484 + 0.25% v/v	Early till SPTP	no earlier than 3-4sr	14-Jun	0.0	0.0	56	94	96	96	96	88	66	93	91	40	8715
Whip 360	66	Early till SPTP	no earlier than 3-4sr	14-Jun	0.0	0.0	55	—	—	76	—	—	75	48	—	71	6911

LSD (P=0.05)

1725

¹ % Stand (percent stand reduction), % Stunting (percent stunting of rice), % Injury (percent injury to rice)

² ECHPH (Late watergrass), SOPMU (Rice field bulrush), CYPDI (Small flower Umbrellaplant), HETLI (Duck salad), LEFFA (Sprangletop), BAORO (Waterhyssop), AMMOO (Redstem), SAGMO (California arrowhead)

³ PFS (pre-flood surface), PPI (pre-plant incorporated), fb. (followed by), lsr (leaf stage of rice), Til (tillers of rice).

⁴ Untreated weed control values represent % cover by the respective weed species

Trial Information

1. Trial seeded June 1, 2006 with 150 lbs per acre of M206
2. Trial managed as a pinpoint flood with flood water drained June 6 reflood June 16.
3. Watergrass was 3 leaf, ricefield bulrush was 4 leaf, bulrush 4 leaf, small flower umbrellaplant was 2-3 leaf, duck salad was 3 leaf and sprangletop was 1 tiller on June 14.
4. Spray applications made with 20 gallons/acre using 8003 nozzles.
5. Weather conditions on June 14: Air temperature 84° F, wind 0-2 MPH from the southwest.

Table 9. Drill seeded trial

Treatment	Rate (g ai/ha)	Timing ³	Date		Crop injury ¹				Weed Control ²										Yield (lb/A)										
					7 DAT		14 DAT		ECHPH				SCPMU		CYPDI		LEFFA			ECHPH				SCPMU		CYPDI		HETLI	
			1st	2nd	1st trt	2nd trt	20-Jun				12-Jul				2-Aug								3-Oct						
Untreated ⁴	—	—							28	5	33	4	25	11	25	48	10	26	10	25	30	3887							
Abolish	4480	DPRE	6-Jun		0	0			54	100	100	100	58	100	75	85	21	100	100	75	95	6130							
Abolish fb. Super Wham + COC	4480 fb. 6726 + 1.25 % v/v	DPRE fb. 2-3 Isr	6-Jun	14-Jun	0	0	3	0	71	100	100	100	93	100	50	95	74	75	100	50	99	8266							
Abolish fb. Regiment + NIS	4480 fb. 12.5 + 0.125% v/v	DPRE fb. 2-3 Isr	6-Jun	14-Jun	0	0	0	0	83	100	100	100	84	100	75	94	71	75	100	75	100	7848							
Abolish fb. Regiment + Abolish + NIS	4480 fb. 30 + 3360 + 0.125% v/v	DPRE fb. 2-3 Isr	6-Jun	14-Jun	0	0	5	0	91	100	100	100	94	100	75	96	80	100	100	75	100	8006							
Prowl H2O	1120	DPRE	6-Jun		0	0			58	93	93	98	46	75	100	63	11	100	100	100	68	5541							
Prowl H2O fb. Super Wham + COC	1120 fb. 6726 + 1.25 % v/v	DPRE fb. 2-3 Isr	6-Jun	14-Jun	0	0	3	0	90	100	100	100	79	99	50	81	98	100	100	50	40	7943							
Prowl H2O fb. Regiment + NIS	1120 fb. 12.5 + 0.125% v/v	DPRE fb. 2-3 Isr	6-Jun	14-Jun	0	0	0	0	91	99	99	100	76	95	100	70	89	100	100	100	50	7046							
Shark fb. Clincher + COC	168 fb. 315 + 1.25% v/v	3-4 Isr fb. PPF	22-Jun	10-Jul	0	0	0	0	NA	NA	NA	NA	95	98	100	96	100	100	99	100	100	8387							
Clincher + COC fb. Superwham + COC	280 +1.25% v/v fb. 6726 + 1.25% v/v	3-4 Isr fb. PPF	22-Jun	10-Jul	0	0	1	0	NA	NA	NA	NA	86	45	75	90	93	100	84	75	80	7387							
Regiment + Abolish fb. Clincher + COC	25 + 3360 fb. 315 + 1.25 % v/v	2-3 Isr fb. PPF	14-Jun	10-Jul	3	0	1		94	98	95	100	68	86	50	64	100	75	100	50	88	7792							
Abolish + Super Wham + COC	4480 + 4484 + 1.25 % v/v	2-3 Isr	14-Jun		4	0			96	100	100	100	94	98	50	93	83	100	100	50	73	7257							
Prowl H2O	1120	2-3 Isr	14-Jun		0	0			25	88	63	100	36	85	100	44	31	100	75	100	30	6362							
Prowl H2O + Clincher + COC	1120 + 315 + 1.25 % v/v	2-3 Isr	14-Jun		0	0			96	63	63	100	95	54	100	96	90	75	95	100	90	7932							
Prowl H2O + Super Wham + Whip + CO	1120 + 4484 + 32 + 1.25 % v/v	2-3 Isr	14-Jun		4	0			96	100	100	100	84	98	75	93	96	75	96	75	93	8019							
Prowl H2O + Regiment + Whip + NIS	1120 + 37 + 32 + 0.125 % v/v	2-3 Isr	14-Jun		5	0			90	86	89	94	95	71	50	96	98	75	69	50	89	7508							
Granite SC + Clincher + COC fb.																													
SuperWham + COC (if needed)	35 + 280 + 1.25% v/v fb. 6726 + 1.25 % v/v	2-3 Isr fb. PPF if needed	14-Jun	10-Jul	0	0	1		76	75	75	100	91	98	75	90	94	75	100	75	53	7012							
Granite SC + COC fb. Clincher + COC	35 + 1.25 % v/v fb. 315 + 1.25 % v/v	2Isr fb. PPF	14-Jun	13-Jul	1	0			94	100	99	88	63	88	100	33	100	100	100	100	86	8269							

1311

LSD (P=0.05)

¹ % Stand (percent stand reduction), % Stunting (percent stunting of rice), % Injury (percent injury to rice)² ECHPH (Late watergrass), SCPMU (Rice field bulrush), CYPDI (Small flower Umbrellaplant), HETLI (Duck salad), LEFFA (Sprangletop), BAORO (Waterhyssop), AMMCO (Redstem), SAGMO (California arrowhead)³ fb. (followed by), Isr (leaf stage of rice), Til (tillers of rice), DPRE (pre emergent), EPE (early post emergent), AFF (after final flush), PPF (post permanent flood).⁴ Untreated weed control values represent % cover by the respective weed species**Trial Information**

1. Trial seeded June 1, 2006 with 100 lbs per acre of M206

2. Trial managed as a drill/dry seeded with initial flush on June 1, additional flushes on June 12 and June 27 with final flood on July 6.

3. Grass was 0.5 leaf, smallflower was 0.5 leaf on June 6.

Watergrass was 2-3 leaf, ricefield bulrush was 2 leaf, smallflower was 2 leaf on June 14.

Watergrass was 1-2 tiller, bulrush was 4 leaf, smallflower was 4 leaf, redstem was 4 leaf, ducksalad was 2 leaf, waterhyssop was 4 leaf on June 22.

Watergrass was 3 tiller, sprangletop was heading on July 10.

Watergrass was 3 tiller, sprangletop was heading on July 13.

4. Spray applications made with 20 gallons/acre using 8003 nozzles.

5. Weather conditions on June 6: Air temperature 81° F, wind 1-3 MPH from the southwest.

Weather conditions on June 14: Air temperature 84° F, wind 2-4 MPH from the southwest.

Weather conditions on June 22: Air temperature 77° F, wind 2-5 MPH from the northwest.

Weather conditions on July 10: Air temperature 65° F, wind 2-4 MPH from the south, southeast.

Weather conditions on July 13: Air temperature 76° F, wind 2 MPH from the south, southwest.

Table 10. Western Farm Service - drill seeded

Treatment	Rate	Timing ³	injury ¹		Weed Control ²									Yield (lb/A)		
			Date	7 DAT 14 DAT	ECHPH	SCPMU	CYPDI	AMMCO	ECHPH	CYPDI	LEFFA	ECHPH	CYPDI		LEFFA	
			1st	1st trt	20-Jun				12-Jul			2-Aug			3-Oct	
Untreated ⁴	—	—			21	3	18	25	35	18	64	18	11	10	4604	
WFSTGA (solvent base)	897	PFS	30-May	NA 0	59	88	74	100	40	81	88	41	74	95	6662	
WFSTGA (solvent base)	1794	PFS	30-May	NA 0	91	75	75	100	84	94	95	64	79	98	7348	
WFSTGB (water base)	953	PFS	30-May	NA 0	85	44	44	100	68	35	90	39	25	86	5093	
WFSTGB (water base)	1906	PFS	30-May	NA 0	73	93	88	100	71	75	93	65	68	98	6795	
WFSTGA (solvent base) + clomazone 1	897 + 266	PFS	30-May	NA 0	86	98	88	100	55	95	94	34	68	100	6733	
WFSTGA (solvent base) + clomazone 1	1794 + 426	PFS	30-May	NA 0	88	45	48	100	68	66	93	59	30	100	5993	
WFSTGB (water base) + clomazone 1	953 + 266	PFS	30-May	NA 0	84	93	85	100	56	73	94	36	70	98	5670	
WFSTGB (water base) + clomazone 1	1906 + 426	PFS	30-May	NA 0	83	75	75	100	74	70	95	50	64	100	7058	
Prowl	1110	PFS	30-May	NA 0	80	99	99	100	61	91	95	53	70	99	6948	
clomazone	852	PFS	30-May	NA 1	61	74	24	100	11	55	93	13	23	70	3871	
LSD (P=0.05)																1604

¹ % Stand (percent stand reduction), % Stunting (percent stunting of rice), % Injury (percent injury to rice)

² ECHPH (Late watergrass), SCPMU (Rice field bulrush), CYPDI (Small flower Umbrellaplant), HETLI (Duck salad), LEFFA (Sprangletop), BAORO (Waterhyssop), AMMCO (Redstem), SAGMO (California arrowhead)

³ PFS (pre-flood surface).

⁴ Untreated weed control values represent % cover by the respective weed species

Trial Information

1. Trial seeded June 1, 2006 with 100 lbs per acre of M206
2. Trial managed as a drill/dry seeded with initial flush on June 1, additional flushes on June 12 and June 27 with final flood on July 6.
3. No weeds for pre-flood applications.
4. Spray applications made with 20 gallons/acre using 8003 nozzles.
5. Weather conditions on May 30: Air temperature 85° F, wind 0-3 MPH from the west, southwest.

Table 11. FMC continuous flood J-9

Treatment	Rate (g ai/ha)	Timing ³	Date	Crop injury ¹				Weed Control ²										Yield (lb/A)			
				7 DAT		14 DAT		ECHPH			SCPMU			HETLI		BAORO			AMMCO		
				1st trt	2nd trt	14-Jun			5-Jul			25-Jul			5-Oct						
Untreated ⁴	--	--						5	26	5	14	43	53	21	11	8	50	4	4	9	5048
Cerano fb. F6117 2SC	673 fb. 84	DOS fb. 2 Isr	26-May 8-Jun	0	0	0	0	100	25	100	99	28	75	29	24	99	4	100	100	0	4767
Cerano fb. F6117 2SC	673 fb. 112	DOS fb. 2 Isr	26-May 8-Jun	0	0	0	0	100	13	100	100	10	75	28	46	100	0	100	100	25	3762
Cerano fb. F6117 2SC	673 fb. 168	DOS fb. 2 Isr	26-May 8-Jun	0	0	0	0	100	23	75	100	23	75	59	50	99	5	75	100	0	4939
Cerano fb. F6117 2SC	673 fb. 224	DOS fb. 2 Isr	26-May 8-Jun	0	0	0	0	100	43	100	99	21	93	78	61	99	29	100	100	25	6190
Cerano fb. F6117 2SC	673 fb. 336	DOS fb. 2 Isr	26-May 8-Jun	0	0	0	0	100	13	100	100	21	100	85	50	99	15	100	100	25	6091
Cerano fb. Shark H2O 40 DF	673 fb. 224	DOS fb. 2 Isr	26-May 8-Jun	0	0	0	0	100	73	100	100	61	100	75	81	100	60	100	100	75	8062
Cerano fb. Shark H2O 40 DF + F6117 2SC	673 fb. 224 + 84	DOS fb. 2 Isr	26-May 8-Jun	0	0	0	0	75	55	100	98	85	100	100	100	98	75	100	100	100	9194
Cerano fb. Shark H2O 40 DF + F6117 2SC	673 fb. 224 + 112	DOS fb. 2 Isr	26-May 8-Jun	0	0	0	0	100	81	100	99	78	100	100	100	98	70	100	100	88	7548
Cerano fb. Shark H2O 40 DF + F6117 2SC	673 fb. 224 + 168	DOS fb. 2 Isr	26-May 8-Jun	0	0	0	0	100	83	100	98	73	100	100	94	98	64	100	100	70	7978
Cerano fb. Shark H2O 40 DF + F6117 2SC	673 fb. 224 + 224	DOS fb. 2 Isr	26-May 8-Jun	0	0	0	0	100	65	100	96	70	88	70	75	89	50	100	100	50	7638
Cerano fb. F8426 13.5% WDG	673 fb. 224	DOS fb. 2 Isr	26-May 8-Jun	0	0	0	0	73	75	100	99	40	100	55	64	100	24	100	100	25	7930
Cerano fb. F8426 3.4% WDG	673 fb. 224	DOS fb. 2 Isr	26-May 8-Jun	0	0	0	0	100	83	100	98	73	100	73	94	98	60	100	100	63	7719
Cerano fb. Londax	673 fb. 71	DOS fb. 2 Isr	26-May 8-Jun	0	0	0	0	100	78	100	99	96	100	99	98	100	91	100	100	75	8849

2335

¹ % Stand (Percent stand reduction), % Stunting (Percent stunting of rice), % Injury (percent injury to rice)

² ECHPH (Late watergrass), SCPMU (Rice field bulrush), CYPDI (Small flower Umbrellaplant), HETLI (Duck salad)
LEFFA (Sprangletop), BAORO (Waterhyssop), AMMCO (Redstem), SAGMO (California arrowhead)

³ DOS (day of seeding), fb. (followed by), Isr (leaf stage of rice), Til (tillers of rice).

⁴ Untreated weed control values represent % cover by the respective weed species

Trial Information

1. Trial seeded May 26, 2006 with 150 lbs per acre of M 205

2. Trial managed as a continuous flood with 3-4 inches.

3. No weeds visible on May 26.

Watergrass was 2 leaf, ricefield bulrush was 2-3 leaf, smallflower umbrellasedge was 2-3 leaf and ducksalad was 2 leaf on June 5.

Watergrass was 4 leaf, ricefield bulrush was 4 leaf, smallflower umbrellasedge was 3 leaf, ducksalad was 3 leaf, redstem was 2 leaf and waterhyssop was 4-6 leaf on June 14.

4. Spray applications made with 20 gallons/acre using 8003 nozzles.

5. Weather conditions on May 26: Air temperature 72° F, wind 4-6 MPH from the south.

Weather conditions on June 5: Air temperature 72° F, wind 1-2 MPH from the southwest.

Weather conditions on June 14: Air temperature 74° F, wind 3-5 MPH from the southwest.

Table 12. Valent continuous flood J-9

Treatment	Rate	Timing ³	Applicationdate	Cropinjury ¹				WeedControl ²														Yield (lb/A)			
				7 DAT	14 DAT	7 DAT	14 DAT	ECHPH	SCPMU	HETLI	BAORO	AMMCO	ECHPH	SCPMU	HETLI	BAORO	AMMCO	SAGMO	ECHPH	SCPMU	HETLI		BAORO	AMMCO	
(g/ai/ha)			1st	2nd	1sttrt	2ndtrt	14Jun					5Jul					25Jul					5Oct			
Untreated ⁴	—	—						4	14	5	8	3	26	28	10	34	5	3	21	23	6	3	9	5338.0	
Bolerofb. Regiment+NIS	4480fb. 28 + 25%v/v	1-2lsrfb. 5-6lsr	1-Jun	14-Jun	0	0	0	1	100	71	75	100	100	94	28	70	75	100	38	91	25	0	100	100	7941.0
Bolerofb. Regiment+NIS+UAN	4480fb. 28 + 25%v/v + 2.0%	1-2lsrfb. 5-6lsr	1-Jun	14-Jun	0	0	3	1	100	83	94	100	100	96	54	73	100	100	44	89	30	54	75	94	8105.0
Bolero	3360	1-2lsr	1-Jun		0	0			100	33	93	100	100	80	33	31	100	100	38	78	3	0	100	88	6579.0
Shark	112	1-2lsr	1-Jun		0	0			—	35	75	79	100	14	1	0	53	25	100	30	8	38	100	13	6225.0
Cerano	336	DOS-0.5lsr	26-May		0	0			100	25	61	13	100	90	26	63	33	65	44	70	46	25	75	33	7152.0
Bolero+ Sharkfb. Regiment	3363+224fb. 39 + 25%v/v	1-2lsrfb. 5-6lsr	1-Jun	14-Jun	0	0	3	4	100	31	90	98	100	91	56	93	100	100	100	90	36	99	100	100	7967.0
V-10142(imazosulfuron)	560.1	1-2lsr	1-Jun		0	0			100	100	100	98	100	100	94	98	81	100	19	89	66	38	100	19	6601.0

LSD (P=0.05)

1801.3

¹ % Stand (percent stand reduction), % Stunting (percent stunting of rice), % Injury (percent injury to rice)² ECHPH (Late watergrass), SCPMU (Rice field bulrush), CYPDI (Small flower Umbrellaplant), HETLI (Duck salad), LEFFA (Sprangletop), BAORO (Water hyssop), AMMCO (Redstem), SAGMO (California arrowhead)³ PFS (pre-flood surface), PPI (pre-plant incorporated), fb. (followed by), lsr (leaf stage of rice), Til (tillers of rice).⁴ Untreated weed control values represent % cover by the respective weed species**Trial Information**

1. Trial seeded May 26, 2006 with 150 lbs per acre of M205

2. Trial managed as a permanent flood with flood water at 4-5 inches.

3. No weeds were visible when Cerano was applied on day of seeding May 26.

Watergrass was 1.5 leaf, ricefield bulrush was 1 leaf, ducksalad was 2 leaf and smallflower umbrellasedgewas 2 leaf on June 1.

Watergrass was 4 leaf, ricefield bulrush was 4 leaf, ducksalad was 3 leaf, waterhyssop 4-6 leaf and red stem was 2 leaf on June 14.

4. Spray applications made with 20 gallons/acre using 8003 nozzles.

5. Weather conditions on May 26: Air temperature 69° F, wind 5-6 MPH from the south.

Weather conditions on June 1: Air temperature 85° F, wind 1-2 MPH from the south.

Weather conditions on June 14: Air temperature 74° F, wind 4-6 MPH from the southwest.

Table 13. Wilbur-Ellis continuous flood J-9

Treatment	Rate	Timing ³	Application date	Injury ¹		Weed Control ²														Yield (t/A)
				7 DAT	14 DAT															
						EC-PH	SC-MU	HE-TU	BA-CO	AM-CO	EC-PH	SC-MU	HE-TU	BA-CO	AM-CO	EC-PH	SC-MU	HE-TU	AM-CO	
(g ai/ha)			1st	1st trt		14-Jun					5-Jul					25-Jul				5-Oct
Untreated ⁴	---	---				14	20	5	6	4	26	66	16	14	6	21	33	9	11	6224
Weco 632 SG	600	0.5 Isr	30-May	6	0	91	60	45	36	43	0	26	0	45	83	0	4	0	0	5841
Weco 632 SG	700	0.5 Isr	30-May	5	0	95	90	58	73	59	5	46	9	46	35	9	41	0	0	7044
Weco 632 SG	600	1 Isr	1-Jun	0	0	94	50	40	35	50	0	25	13	53	100	0	6	0	25	6687
Weco 632 SG	700	1 Isr	1-Jun	0	0	94	71	45	73	70	0	38	0	55	50	0	23	0	38	6265
Weco 632 SG	600	2 Isr	5-Jun	0	0	89	45	76	29	48	0	20	6	45	75	0	5	6	38	5542
Weco 632 SG	700	2 Isr	5-Jun	0	0	84	74	31	76	44	0	53	0	70	75	0	13	13	19	6252

LSD (P=0.05)

1742

¹ % Stand (percent stand reduction), % Stunting (percent stunting of rice), % Injury (percent injury to rice)

² ECHPH (Late watergrass), SCPMU (Rice field bulrush), CYPDI (Small flower Umbrellaplant), HETLI (Duck salad), LEFFA (Sprangletop), BAORO (Waterhyssop), AMMCO (Redstem), SAGMO (California arrowhead)

³ PFS (pre-flood surface), PPI (pre-plant incorporated), fb. (followed by), Isr (leaf stage of rice), Til (tillers of rice).

⁴ Untreated weed control values represent % cover by the respective weed species

Trial Information

1. Trial seeded May 26, 2006 with 150 lbs per acre of M205
2. Trial managed as a permanent flood with flood water at 4-5 inches.
3. No weeds were visible on May 30.
Watergrass was 1 leaf, ricefield bulrush 1 leaf, smallflower umbrellasedge 2 leaf and ducksalad 3 leaf on June 1.
Watergrass was 2 leaf, ricefield bulrush 2-3 leaf, smallflower umbrellasedge 2-3 leaf and ducksalad 2 leaf on June 5.
5. Spray applications made with 20 gallons/acre using 8003 nozzles.
6. Weather conditions on May 30: Air temperature 82° F, wind 1-4 MPH from the west.
Weather conditions on June 1: Air temperature 81° F, wind 1-4 MPH from the southwest.
Weather conditions on June 5: Air temperature 72° F, wind 1-2 MPH from the southwest.

Table 14. Wilbur-Ellis continuous flood J-9

Treatment	Rate (g ai/ha)	Timing ³	Application date	Injury ¹		Weed Control ²															Yield (lb/A)
				7 DAT	14 DAT	ECHPH	SCPMU	HETLI	BAORO	ECHPH	SCPMU	HETLI	BAORO	AMMCO	SAGMO	ECHPH	SCPMU	HETLI	AMMCO	SAGMO	
			1st	1st trt		14-Jun				5-Jul						25-Jul					5-Oct
Untreated ⁴	---	---				4	9	5	10	29	36	20	28	4	4	21	10	18	5	4	5683
Weco 632 SC	600	DOS-0.5 lsr	26-May	0	0	100	0	38	100	8	3	0	88	100	100	13	0	0	13	100	5444
Weco 632 SC	700	DOS-0.5 lsr	26-May	0	0	100	0	23	100	35	15	0	98	75	100	30	13	0	0	100	6563
Weco 632 SC	800	DOS-0.5 lsr	26-May	0	0	100	25	56	100	43	53	6	100	75	100	43	19	18	0	100	8138
Weco 632 SG	700	DOS-0.5 lsr	26-May	0	0	100	19	0	19	0	5	0	30	50	100	34	0	0	0	100	7190
Weco 632 EG	700 + 308	1-2 lsr	2-Jun	0	4	100	0	56	28	70	21	0	44	100	50	75	21	0	50	50	7717
Weco 632 SC + Command (tank mix)	700 + 308	0.5 lsr	1-Jun	0	0	100	100	99	100	94	95	93	100	100	100	93	98	88	91	100	10595
Weco 632 SG	700	0.5 lsr	1-Jun	0	0	100	38	13	0	6	15	0	0	100	25	16	13	0	13	25	7725

LSD (P=0.05)

2075

¹ % Stand (percent stand reduction), % Stunting (percent stunting of rice), % Injury (percent injury to rice)

² ECHPH (Late watergrass), SCPMU (Rice field bulrush), CYPDI (Small flower Umbrellaplant), HETLI (Duck salad), LEFFA (Sprangletop), BAORO (Waterhyssop), AMMCO (Redstem), SAGMO (California arrowhead)

³ PFS (pre-flood surface), PPI (pre-plant incorporated), fb. (followed by), lsr (leaf stage of rice), Til (tillers of rice).

⁴ Untreated weed control values represent % cover by the respective weed species

Trial Information

1. Trial seeded May 26, 2006 with 150 lbs per acre of M205

2. Trial managed as a permanent flood with flood water at 4-5 inches.

3. No weeds were visible on day of seeding May 26.

Watergrass was 1.5 leaf, ricefield bulrush was 1 leaf, smallflower umbrellasedge was 2 leaf and ducksalad was 2 leaf on June 1.

Watergrass was 1.5 leaf, ricefield bulrush was 2 leaf, smallflower umbrellasedge was 2 leaf and ducksalad was 2 leaf on June 2.

4. Spray applications made with 20 gallons/acre using 8003 nozzles.

5. Weather conditions on May 26: Air temperature 72° F, wind 4-6 MPH from the south.

Weather conditions on June 1: Air temperature 81° F, wind 1 MPH from the southwest.

Weather conditions on June 2: Air temperature 73° F.

Table 15. Valent pinpoint flood J-9

Treatment	Rate	Timing ³	Application date	Injury ¹		Weed Control ²											Yield (lb/A)	
				7 DAT	14 DAT	ECHPH	SCPMU	CYPDI	HETLI	BAORO	AMMCO	SAGMO	ECHPH	SCPMU	CYPDI	HETLI		LEFFA
	(g ai/ha)		1st	1st trt	5-Jul							25-Jul					9-Oct	
Untreated ⁴	—	—				14	7	3	14	14	6	4	18	9	3	3	3	7257
Regiment + NIS	37 + 0.25% v/v	4-5 Isr	14-Jun	9	4	94	98	100	45	70	70	83	98	70	100	40	40	9007
Regiment + UAN + NIS	37 + 2.0% v/v + 0.25% v/v	4-5 Isr	14-Jun	8	3	99	95	100	49	98	89	94	95	88	100	50	29	7683
Regiment + Abolish	37 + 3360	4-5 Isr	14-Jun	1	0	95	75	94	49	100	89	33	94	60	85	38	100	8931
Nominee	37 + 1482	4-5 Isr	14-Jun	8	0	94	89	99	61	74	50	50	98	43	100	48	100	8597
V-10142 + Dyne-A Pak(UAN 1% + Kinetic 0.12	112 + 1.0% v/v	4-5 Isr	14-Jun	0	0	73	98	85	50	95	45	23	63	98	50	0	85	7931
V-10142 + Dyne-A Pak(UAN 1% + Kinetic 0.12	168 + 1.0% v/v	4-5 Isr	14-Jun	0	0	76	96	98	8	85	39	68	59	69	46	6	89	7168
V-10142 + Dyne-A Pak(UAN 1% + Kinetic 0.12	224 + 1.0% v/v	4-5 Isr	14-Jun	1	0	73	100	100	34	70	73	19	53	74	64	0	63	7698
V-10142 + Dyne-A Pak(UAN 1% + Kinetic 0.12	280 + 1.0% v/v	4-5 Isr	14-Jun	0	1	74	94	84	25	73	21	63	55	95	9	25	59	7684
V-10142 + Dyne-A Pak(UAN 1% + Kinetic 0.12	336 + 1.0% v/v	4-5 Isr	14-Jun	0	0	71	95	90	29	98	41	19	53	98	25	13	63	8495
Sempre + NIS	70 + 0.25% v/v	4-5 Isr	14-Jun	0	0	79	96	100	23	73	74	74	61	71	91	38	68	8743
Abolish	3360	4-5 Isr	14-Jun	0	0	63	51	98	0	99	98	0	44	48	61	0	94	7967
Regiment + NIS	37 + 0.25% v/v	4-5 Isr	14-Jun	8	3	98	90	89	36	86	69	55	99	63	100	21	70	8011
Abolish	1482	4-5 Isr	14-Jun	1	0	41	70	100	13	99	89	38	30	25	41	0	88	7778

LSD (P=0.05)

1197

¹ % Stand (percent stand reduction), % Stunting (percent stunting of rice), % Injury (percent injury to rice)² ECHPH (Late watergrass), SCPMU (Rice field bulrush), CYPDI (Small flower Umbrellaplant), HETLI (Duck salad), LEFFA (Sprangletop), BAORO (Waterhyssop), AMMCO (Redstem), SAGMO (California arrowhead)³ PFS (pre-flood surface), PPI (pre-plant incorporated), fb. (followed by), Isr (leaf stage of rice), Til (tillers of rice).⁴ Untreated weed control values represent % cover by the respective weed species**Trial Information**

1. Trial seeded May 25, 2006 with 150 lbs per acre of M205
2. Trial managed as a pinpoint flood with water dropped several days prior to applications and reflood two days after applications.
3. Watergrass was 4 leaf, rice field bulrush 4 leaf, duck salad 3 leaf, redstem 2 leaf, waterhyssop 4-6 leaf and small flower was 2-3 leaf on June 14.
4. Spray applications made with 20 gallons/acre using 8003 nozzles.
5. Weather conditions on June 14: Air temperature 74° F, wind 4-5 MPH from the southwest.

Table 16. Isagro R5878 following Ceano J9

Treatment	Rate (g/ai/ha)	Timing ³	Date	Opp injury ¹		%Weed Control ²										Yield (lb/A)					
				7 DAT	14 DAT	ECHPH	SCPMU	CYPDI	ECHPH	SCPMU	CYPDI	HETLI	BAORO	ECHPH	SCPMU		AMMCO				
1st	2nd	3rd	1st trt	2nd trt	14 Jun	5 Jul					25 Jul			9 Oct							
Ceano	673	DOS	26 May	5	0		13	3	4	6	5	3	2	11	6	5	0	8162			
Ceano fb. R5578 WG+Kinetic	673 lb. 745+0.15%v/v	DOS lb. 34 lsr	26 May	8 Jun	5	0	0	0	83	63	28	51	55	25	75	73	40	70	75	7124	
Ceano fb. Granle+Kinetic	673 lb. 35+0.15%v/v	DOS lb. 34 lsr	26 May	8 Jun	5	0	0	0	93	100	73	95	73	34	100	98	84	96	100	7956	
Ceano fb. R5578 WG+SuperWham+COC	673 lb. 745+4484+125%v/v	DOS lb. 34 lsr	26 May	8 Jun	5	0	0	0	96	100	95	59	63	68	0	83	45	44	98	8031	
Ceano fb. R5578 WG+Abolish	673 lb. 745+3363	DOS lb. 34 lsr	26 May	8 Jun	5	0	0	0	85	99	71	96	80	81	56	94	74	93	100	7845	
Ceano fb. R5578 WG+PowH-20	673 lb. 745+1118	DOS lb. 34 lsr	26 May	8 Jun	5	0	0	0	96	99	69	95	48	35	63	71	90	68	63	7460	
Ceano fb. R5578 WG+PowH-20+SuperWham+COC	673 lb. 745+1118+3360+125%	DOS lb. 34 lsr	26 May	8 Jun	5	0	0	0	95	100	95	95	75	78	50	96	95	9	88	7541	
Ceano fb. R5578 WG+Shak+Kinetic	673 lb. 745+28+0.15%v/v	DOS lb. 34 lsr	26 May	8 Jun	5	0	0	0	80	100	93	78	65	44	100	83	59	64	100	7915	
Ceano fb. R5578 WG+Kineticb. Grandstand+COC	673 lb. 745+0.15%v/v lb. 153+125%v/v	DOS lb. 34 lsr lb. 13 Tiller	26 May	8 Jun	20 Jun	5	0	0	3	95	100	60	94	74	73	88	81	88	90	100	7563
Ceano fb. R5578 WG+Kinetic	673 lb. 105+0.15%v/v	DOS lb. 34 lsr	26 May	8 Jun	5	0	0	0	90	100	63	68	73	69	100	78	53	80	88	7790	
Ceano fb. R5578 WG+SuperWham+COC	673 lb. 105+4484+125%v/v	DOS lb. 34 lsr	26 May	8 Jun	5	0	0	0	98	100	98	81	44	76	50	84	49	70	88	7830	

LSD(P=0.05)

1419

LSD (P=0.05)

1419

¹%Stand (percent stand reduction), %Stunting (percent stunting of rice), %Injury (percent injury to rice)
²ECHPH (Late watergrass), SCPMU (Rice field bulrush), CYPDI (Small flower Umbrelplant), HETLI (Duck salad), LEFFA (Sprangletop), BAORO (Waterhyssop), AMMCO (Redstem), SAGMO (California arrowhead)
³lb. (pounds by), lsr (leaf stage of rice), TI (tillers of rice), DPRE (pre emergent), EFE (early post emergent), PFF (post permanent flood).
⁴Control weed control values represent %cover by the respective weed species

Trial Information

1. Trial seeded May 26, 2006 with 150 lbs per acre of M205
2. Trial managed as a pinpoint flood after initial water hold for Ceano. Water drained June 6 and final flood on June 11.
3. Bulrush was 2 leaf, smallflower was 2 leaf, duck salad was 2 leaf on June 6
Watergrass was 1-3 tiller, ricefield bulrush was 34 leaf, smallflower was 34 leaf, duck salad was 4 leaf and waterhyssop was 4 leaf on June 20
4. Spray applications made with 20 gallons/acre using 8003 nozzles
5. Weather conditions on June 8: Air temperature 74° F, wind 03 MPH from the southwest
Weather conditions on June 20: Air temperature 71° F, wind 12 MPH from the southwest

Table 17. Continuous flood trial at resistant site.

								Crop injury ¹		% Weed Control ²												Yield/Acre (14%)
								7 DAT	14 DAT	7 DAT	14 DAT	ECHPH	SCPMU	HETLI	BAORO	AMMCO	ECHPH	SCPMU	HETLI	AMMCO	ECHPH	
Treatment	Rate	Timing ³	Dates		1st trt	2nd trt	6-Jun					26-Jun				25-Jul				21-Sep		
(g ai/ha)			1st	2nd	1st trt	2nd trt																
Cerano	673	DOS	18-May		5	0	NA	NA	100	0	20	0	100	15	23	43	11	10	38	1	8	5532.0
Cerano fb. Superwham + COC	673 fb. 6726 + 1.25% v/v	DOS fb. 4-5 lsr	18-May	16-Jun	5	0	13	3	100	0	20	0	100	100	90	73	98	96	100	98	100	6847
Cerano fb. Regiment + NIS	673 fb. 37 + 0.125% v/v	DOS fb. 4-5 lsr	18-May	16-Jun	5	0	0	0	100	0	20	0	100	85	64	80	88	93	81	100	93	6738
Cerano fb. Granite SC + COC	673 fb. 40 + 2.5% v/v	DOS fb. 4-5 lsr	18-May	16-Jun	5	0	0	1	100	0	20	0	100	93	70	100	84	93	100	100	100	8128
Cerano fb. Shark	673 fb. 112	DOS fb. 4-5 lsr	18-May	16-Jun	5	0	0	3	100	0	20	0	100	75	74	63	100	86	95	100	100	7036
LSD (P=0.05)																						2104
Granite GR	40	2-3 lsr	2-Jun		0	0	NA	NA	40	50	40	100	0	30	6	3	4	53	8	0	4	3084
Granite GR fb Regiment + NIS	40 fb. 37 + 0.125% v/v	2-3 lsr fb. 4-5 lsr	2-Jun	16-Jun	0	0	0	0	40	50	40	100	0	65	63	100	100	33	95	100	100	4974
Granite GR fb. SuperWham + COC	40 fb 6726 + 1.25% v/v	2-3 lsr fb. 4-5 lsr	2-Jun	16-Jun	0	0	0	0	40	50	40	100	0	95	69	100	100	55	100	100	100	5689
LSD (P=0.05)																						3380
Weco 632 SC	800	DOS-0.5 lsr	18-May		0	0	NA	NA	100	100	100	100	100	60	0	3	1	65	0	0	0	5425
Weco 632 SC fb Granite SC + COC	800 fb. 40 + 1.25% v/v	DOS-0.5 lsr fb. 4-5 lsr	18-May	16-Jun	0	0	0	0	100	100	100	100	100	76	100	100	100	53	100	100	100	4037
Weco 632 SC fb. SuperWham + COC	800 fb. 6726 + 1.25% v/v	DOS-0.5 lsr fb. 4-5 lsr	18-May	16-Jun	0	0	0	0	100	100	100	100	100	98	100	100	100	83	100	100	100	8267
LSD (P=0.05)																						2050

These numbers represent the percent weed coverage in the plot for further treatments (basin control)

¹ % Stand (Percent stand reduction), % Stunting (Percent stunting of rice), % Injury (percent injury to rice)

² ECHPH (Late watergrass), SCPMU (Rice field bulrush), CYPDI (Small flower Umbrellaplant), HETLI (Duck salad), LEFFA (Sprangletop), BAORO (Waterhyssop), AMMCO (Redstem), SAGMO (California arrowhead)

³ fb. (followed by), lsr (leaf stage of rice), Til (tillers of rice), PFS (pre-flood surface), PPI (pre-plant incorporated).

⁴ Untreated weed control values represent % cover by the respective weed species

Trial Information

1. Trial seeded May 17, 2006 with 150 lbs per acre of M104.
2. Trial managed as a continuous flood.
3. No weeds visible when Cerano basin and benzofenap basin treated May 18.
Watergrass was 3 leaf, bulrush was 2-3 leaf, arrowhead was 2 leaf on May 31.
Watergrass was 2-3 leaf, bulrush was 2 leaf, ducksalad was 1 inch June 16.
4. Spray applications made with 20 gallons/acre using 8003 nozzles.
5. Weather conditions on May 18: Air temperature 77° F, wind 5-6 MPH from the south.
Weather conditions on May 31: Air temperature 83° F, wind 1-2 MPH from the south.
Weather conditions on June 16: Air temperature 61° F, wind 4 MPH from the northeast.

Table 18. Pinpoint trial at resistant site

Treatment	Rate	Timing ³	Date	Crop injury ¹		% Weed Control ²												Yield/Acre (14%)
				7 DAT	14 DAT													
				1st trt	2nd trt	6-Jul						25-Jul						
Untreated ⁴						54	19	58	5	5	9	50	19	26	3	4	16	2547
Granite SC + COC fb. Stam + COC	35 + 1.25% v/v fb. 6726 + 1.25% v/v	3-4 lsr fb. 1 Til	2-Jun 19-Jun	3 0	1 0	86	90	98	98	100	15	85	63	100	100	75	8	6470
Clincher+ COC fb. Regiment+ NIS	315 + 1.25% v/v fb. 37 + .125% v/v	3-4 lsr fb. 1 Til	2-Jun 19-Jun	4 0	3 1	39	19	20	94	63	98	35	40	0	100	75	100	4937
Regiment+ Abolish fb. SuperWham+ COC	37 + 3360 fb. 6726 + 1.25% v/v	3-4 lsr fb. 1 Til	2-Jun 19-Jun	4 0	3 0	96	25	85	98	100	100	88	0	100	75	63	89	6064
Regiment+ NIS fb. SuperWham + COC	44.5 + 0.125% v/v fb. 4484 + 1.25% v/v	3-4 lsr fb. 1 Til	2-Jun 19-Jun	9 4	4 0	90	63	76	73	100	80	86	41	100	100	50	65	6409
Clincher+ COC fb. SuperWham + COC	315 + 1.25% v/v fb. 6726 + 1.25% v/v	3-4 lsr fb. 1 Til	2-Jun 19-Jun	1 0	4 0	75	51	63	94	53	100	71	81	68	100	100	99	6834
SuperWham + COC fb. Clincher + COC	6726 + 1.25% v/v fb. 315 + 1.25% v/v	3-4 lsr fb. 1 Til	2-Jun 19-Jun	1 0	3 0	93	88	69	50	100	100	95	31	100	25	75	98	7397
Regiment+ NIS	37 + .25% v/v	1 Til	19-Jun	4 0		64	38	60	100	88	45	51	38	44	75	75	20	4725
Regiment+ NIS + UAN	37 + .25% v/v + 2.0% v/v	1 Til	19-Jun	4 0		74	0	43	75	100	25	58	16	48	75	50	6	4625
SuperWham + COC	6726 + 1.25% v/v	1 Til	19-Jun	6 0		65	6	33	100	100	18	61	70	100	50	75	5	6189

LSD (P=0.05)

1731

Propanil application must have been missed

¹ % Stand (Percent stand reduction), % Stunting (Percent stunting of rice), % Injury (percent injury to rice)² ECHPH (Late watergrass), SCPMU (Rice field bulrush), CYPDI (Small flower Umbrellaplant), HETLI (Duck salad), LEFFA (Sprangletop), BAORO (Waterhyssop), AMMCO (Redstem), SAGMO (California arrowhead)³ fb. (followed by), lsr (leaf stage of rice), Til (tillers of rice), PFS (pre-flood surface), PPI (pre-plant incorporated).⁴ Untreated weed control values represent % cover by the respective weed species**Trial Information**

1. Trial seeded May 17, 2006 with 150 lbs per acre of M104.
2. Trial managed as a pinpoint flood with drain on May 31 and reflood June 4.
3. Watergrass was 2-3 leaf, bulrush was 4 leaf, smallflowerws 1-2 leaf, ducksalad was 3 leaf on June 2.
Watergrass was 3 tiller, smallflower was 3-4 leaf, ducksalad was flowering on June 19.
4. Spray applications made with 20 gallons/acre using 8003 nozzles.
5. Weather conditions on June 2: Air temperature 90° F, wind 3 MPH from the south.
Weather conditions on June 19: Air temperature 82° F, wind 1-2 MPH from the northeast.