Table 1. Continuous flood trial at Hamilton Road.

					С	rop i	njury ¹						١	Veed (Control	2						Plan	t meas.
Treatment	Rate	Timing ³	Applicat	ion date	7 DAT	14 DAT	7 DAT 14 DAT	ЕСНРН	SCPMU	BAORO	НЕТСІ	MOOVA	ЕСНРН	SCPMU	HETLI	MOOVA	ЕСНРН	SCPMU	СҮРЫ	НЕТСІ	MOOVA	Heading	Yield/Acre (14%)
	(g ai/ha)		1st	2nd	1st	trt	2nd trt			22-Jun				12-	Jul				1-Aug				18-Sep
Untreated ⁴								16	2	10	15	4	14	4	9	6	15	3	2	1	5	99	7382
Cerano fb. Superwham + COC	673 fb. 6726 + 1.25% v/v	DOS fb. 1-3 Til	18-May	26-Jun		33	53	96	0	38	83	100	98	60	88	100	100	67	75	75	88	98	8899
Cerano fb. Granite GR	673 fb. 40	DOS fb. 2-3 lsr	18-May	30-May		20	8 1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	84	9107
Cerano fb. Regiment + NIS	673 fb. 37 + .125% v/v	DOS fb. 1-3 Til	18-May	26-Jun		10	53	64	13	23	79	85	70	65	79	100	100	78	13	100	94	100	8962
Granite GR fb. Stam 80 EDF + COC	40 fb. 6726 + 2.5% v/v	2-3 lsr fb. 1-3Til	30-May	26-Jun	0	0	0 0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	95	9091
Granite GR fb. Clincher + COC	40 fb. 315 + 2.5% v/v	2-3 lsr fb. 1-3 Til	30-May	26-Jun	0	0	1 0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	91	9159
Shark H ₂ O fb. Granite GR	224 fb. 40	2-3 lsr	30-May		3	1	0 0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	95	9615
Shark H ₂ O fb. SuperWham + COC	224 fb. 6726 + 1.25% v/v	2-3 lsr fb. 1-3 Til	30-May	26-Jun	1	0	4 0	0	75	98	90	100	33	100	100	100	64	100	100	100	100	100	9656
Shark H ₂ O fb. Clincher + COC	224 fb. 315 + 1.25% v/v	2-3 lsr fb. 1-3 Til	30-May	26-Jun	1	0	0 0	22	75	100	92	100	83	5	73	100	89	14	38	75	100	99	9656
Abolish fb. Regiment + NIS	4480 fb. 37 + .125% v/v	PFS bf. 1-3 til	17-May	26-Jun		14	0 0	88	0	100	88	90	100	0	90	75	98	0	100	100	58	100	8401
Abolish fb. Granite GR	4480 fb. 40	PFS fb. 2-3 lsr	17-May	30-May		0	0 0	99	100	100	100	100	97	100	100	100	100	100	100	100	100	68	9000
Abolish fb. SuperWham + COC	4480 fb. 6726 + 1.25% v/v	PFS bf. 1-3 til	17-May	26-Jun		0	3 0	85	0	100	84	0	62	48	90	23	93	0	100	100	35	100	8609
Bolero Ultramax fb. Superwham + COO	4480 fb. 6726 + 1.25% v/v	1-2 lsr fb. 1-3 Til	29-May	26-Jun	10	0	3 0	94	100	100	32	38	93	100	85	78	97	100	100	100	76	94	9690
SuperWham + COC	6726 + 1.25% v/v	1-3 Til	26-Jun		1	0		25	0	0	0	0	46	100	78	85	71	88	100	50	72	100	9106
Superwham + Grandstand + COC	6726 + 280 + 1.25% v/v	1-3 Til	26-Jun		3	1		NA	NA	NA	NA	NA	57	100	95	53	83	100	100	75	39	95	8337
Grandstand	280	1-3 Til	26-Jun		1	0		NA	NA	NA	NA	NA	3	65	0	33	0	92	50	75	0	94	7589
Regiment + NIS	37 + .125% v/v	1-3 Til	26-Jun		0	1		NA	NA	NA	NA	NA	33	100	25	63	93	88	0	75	51	100	8528
Bolero Ultramax + V10142	2240 + 112	1-2lsr	29-May		3	0		91	100	100	48	95	69	63	23	63	80	50	100	50	47	100	9302
V10142	112	1-2lsr	29-May		3	0		50	88	93	23	75	35	78	0	100	32	35	100	75	88	100	8999
LSD (P=0.05)																							970

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), MOOVA (Monochoria)

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 17 to dry soil prior to flood

2. Trial seeded May 18, 2007 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 May 18. Watergrass was 1-2 leaf, ricefield bulrush was 1 leaf, and ducksalad was 1 leaf on May 29. Watergrass was 1-2 leaf, ricefield bulrush was 1 leaf, and ducksalad was 1 leaf on May 30. Watergrass was 1-3 tiller, ricefield bulrush was tillered, ducksalad was 6-7" and waterhyssop was early flower, monochoria 7-8 leaf on June 26
- 5. Spray applications made with 20 gallons/acre using 8003 nozzles.
- 6. Weather conditions on May 17: Air temperature 64o F, wind 1-3 MPH from the Southeast. Weather conditions on May 18: Air temperature 850 F, wind 2-6 MPH from the Southeast. Weather conditions on May 29: Air temperature 660 F, wind 2 MPH from the southwest. Weather conditions on May 30: Air temperature 610 F, wind 2-3 MPH from the south. Weather conditions on June 26: Air temperature 710 F, wind 1-2 MPH from the south.

Table 2. FMC continuous flood at Hamilton road

							Crop	injury	,1					١	Need (Control	2					
Treatment	Rate	Timing ³		Date		7 DAT 14 DAT	1 L	1-	7 DAT 14 DAT	ЕСНРН	MOOVA	НЕТСІ	BAORO	ЕСНРН	SCPMU	НЕТСІ	MOOVA	BAORO	ЕСНРН	SCPMU	MOOVA	Yield/Acre (14%)
	(g ai/ha)		1st	2nd	3rd	1st trt	2r	nd trt	3rd trt		22-	Jun				12-Jul				6-Aug		18-Sep
Untreated ⁴										6	5	11	18	8	3	7	9	1	5	3	8	7291
Cerano fb. Shark H ₂ O 40 DF + Londax	673 fb. 224 + 70	DOS fb. 2 lsr	18-May	29-May		8	9	0		100	100	100	100	100	100	100	100	100	100	100	100	8571
Cerano fb. Shark H ₂ O 40 DF + Londax	673 fb. 336 + 70	DOS fb. 2 lsr	18-May	29-May		10) 6	0		100	100	100	100	100	100	100	100	100	100	100	100	8622
Cerano fb. Shark H ₂ O 40 DF	673 fb. 336	DOS fb. 2 lsr	18-May	29-May		10) 6	0		100	100	100	100	88	100	100	100	100	74	100	100	8889
Cerano fb. Shark H ₂ O 40 DF fb. Shark H ₂ O 40 DF	673 fb. 168 fb. 168	DOS fb. 2 lsr fb. 7DAT(2lsr)	18-May	29-May	6-Jun	9	5	0	0 0	98	100	100	100	80	100	100	100	100	68	100	100	8412
Cerano fb. Shark H ₂ O 40 DF fb. Shark H ₂ O 40 DF	673 fb. 168 fb. 168	DOS fb. 2 lsr fb. 14DAT(2lsr)	18-May	29-May	12-Jun	9	8	0	0 0	93	100	100	100	70	75	100	100	75	45	25	100	8706
Shark H ₂ O 40 DF fb. Propanil + COC	224 fb. 6726 + 1.25% v/v	2 lsr fb. 1 Till	29-May	12-Jul		1 0	6	1		20	100	93	95	10	75	100	100	75	0	100	100	8519
Clincher + COC fb. Shark H ₂ O 40 DF	273 + COC fb. 336	2 lsr fb. 7DAT(2lsr)	29-May	6-Jun		5 0	0	0		92	100	95	100	93	100	100	100	100	49	94	100	8944
Clincher + COC fb. Shark H ₂ O 40 DF + Londax	273 fb. 224 + 70	2 lsr fb. 7DAT(2lsr)	29-May	6-Jun		6 0	0	0		100	100	100	100	93	100	100	100	100	93	100	100	8554
Shark H ₂ O 40 DF fb. Granite GR	224 fb. 40	2-3 lsr	29-May			6 0				100	100	100	100	100	100	100	100	100	84	100	100	8669
Shark H ₂ O 40 DF fb. Regiment	224 fb. 46.5	2 lsr fb. 5 lsr	29-May			5 0				11	100	96	98	35	100	92	100	100	0	75	100	8789
Cerano fb. Shark H ₂ O 40 DF + Bolero	673 fb. 224 + 4480	DOS fb. 2 lsr	18-May	29-May		9	8	0		98	100	100	100	95	100	100	100	100	90	75	100	8985
LSD (P=0.05)																						797

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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), MOOVA (Monochoria)

³ fb. (followed by), PFS (pre-flood surface), PWE (pre-weed emergence), 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 18, 2007 with 150 lbs per acre of M206
- 2. Trial managed as a continuous flood with 4-5 inches.

3. No weeds visible on May 18.

Watergrass was 1-2 leaf, ricefield bulrush was 1 leaf, and ducksalad was 1 leaf on May 29. Watergrass was 3 leaf, ricefield bulrush was 2 leaf, smallflower was 2 leaf, ducksalad was 2 leaf, and waterhyssop was 2 leaf on June 6. Watergrass was 4 leaf, ricefield bulrush was 5 leaf, waterhyssop was 4 leaf and ducksalad was 5 leaf on June 12. Watergrass was 1-2 tiller, ricefield bulrush was 6-7 leaf and ducksalad was 5-6 leaf on July 12.

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

 Weather conditions on May 18: Air temperature 85° F, wind 2-6 MPH from the Southeast. Weather conditions on May 29: Air temperature 66° F, wind 2 MPH from the southwest. Weather conditions on June 6: Air temperature 60° F, wind 1-2 MPH from the north.

Weather conditions on June 12: Air temperature 72° F, wind 0 MPH.

Weather conditions on July 12: Air temperature 850 F, wind 1-2 MPH from the southwest.

Table 3. Isagro Continuous Flood at Hamiltonroad

						(Cropinju	rý	1					% We	ed Co	ntrof							
Treatment	Rate	Timing		Date		7 DAT 14 DAT	7 DAT 14 DAT	7 DAT 14 DAT	ЕСНРН	MOOVA	НЕТСІ	BAORO	ЕСНРН	SCPMU	MOOVA	НЕТЦІ	BAORO	ECHOR	ЕСНРН	SCPMU	MOOVA	Heading	, Yield/Acre(14%)
	(g ai/ha)		1st	2nd	3rd	1st trt	2nd trt	3rd trt		22-	Jun				12-Jul				6-A	lug		8-Aug	
Untreated									6	5	9	15	8	4	8	5	1	6	2	3	7	96	7698
Ceranofb. GraniteGR	673 fb. 40	DOS fb. 2.5 lsr	18-May	29-May		3	5 0		100	100	100	100	98	100	100	100	75	100	100	92	98	88	8858
Ceranofb. Strada	673 fb. 74.5	DOS fb. 1-2 lsr	18-May	29-May		4	5 0		85	75	50	54	55	75	63	75	50	57	100	42	58	88	8395
Ceranofb. SuperWham + COC	673 fb. 6726 + 1.25% v/v	DOS fb. 1-3 Tiller	18-May	26-Jun		3	0 0		90	80	45	19	98	67	85	73	50	96	100	92	75	89	8760
Ceranofb. Stradafb. SuperWham + COC	448 fb. 74.5 fb. 6726 + 1.25% v/v	DOS fb. 1-2 lsr fb. 1-3 Tiller	18-May	29-May	26-Jun	3	4 0	0 0	100	100	100	95	100	100	89	100	75	100	100	100	88	89	9147
Ceranofb. Stradafb. SuperWham + COC	673 fb. 74.5 fb. 6726 + 1.25% v/v	DOS fb. 1-2 lsr fb. 1-3 Tiller	18-May	29-May	26-Jun	3	1 0	1 0	100	100	100	85	100	100	100	100	100	95	100	100	98	96	9198
Stradafb. SuperWham + COC	74.5 fb. 6726 + 1.25% v/v	1-2 lsr fb. 1-3 Tiller	29-May	26-Jun		1 0	0 0		60	95	100	79	70	100	43	98	75	78	67	100	71	95	8581
BoleroUltramax+ Stradafb. SuperWham + COC	4540+74.5 fb. 6726+1.25% v/v	1-2 lsr fb. 1-3 Tiller	29-May	26-Jun		3 0	3 0		90	100	100	100	100	100	98	100	100	100	63	100	80	93	8803
SharkH ₂ O + Stradafb. SuperWham + COC	224+74.5 fb. 6726+1.25% v/v	2 lsr fb. 1-3 Tiller	29-May	26-Jun		3 0	3 0		78	100	100	73	55	100	83	100	100	75	75	100	82	91	7272
LSD (P=0.05)	•					-	-																934.8

¹ % Stand (percentstand reduction),% Stunting(percentstunting of rice), % Injury (percentinjury to rice)

² ECHPH(Late watergrass),SCPMU(Rice field bulrush),CYPDI(Smallflower Umbrellaplant),HETLI(Duck salad), LEFFA(Sprangletop),BAORO(Waterhyssop),AMMCO(Redstem),

SAGMO(Californiaarrowhead),MOOVA(Monochoria)

³ fb. (followedby), lsr (leaf stage of rice), Til (tillers of rice), DPRE (pre emergent), EPE (early post emergent), PPF (post permanentflood).

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

Trial Information

1. Trial seeded May 18, 2007 with 150 lbs per acre of M206

- 2. Trialmanagedas a continuousflood.
- 3. No weeds visible on May 18.

Watergrasswas 1-2 leaf, ricefieldbulrushwas 1 leaf, and ducksaladwas 1 leaf on May 29.

Watergrasswas 1-3 tiller, ricefieldbulrushwas tillered, ducksaladwas 6-7" and waterhyssopwas early flower, monochoria7-8 leaf on June 26

 Weather conditionson May 18: Air temperature85° F, wind 2-6 MPH from the Southeast. Weather conditionson May 29: Air temperature66° F, wind 2 MPH from the southwest. Weather conditionson June 26: Air temperature710 F, wind 1-2 MPH from the south.

^{4.} Spray applicationsmade with 20 gallons/acreusing 8003 nozzles.

PROJECT NO. RP-1

Table 4. DOW continuous flood at Hamilton road

								(Crop ir	njury ¹					%	Weed C	ontrol ²				
Treatement	Rate	Timing ³		Da	ite		7 DAT		14 DAT	7 DAT 14 DAT	7 DAT	ECHPH	MOOVA	HETLI BAORO	ЕСНРН	SCPMU	HETLI	ECHOR	ЕСНРН	SCPMU MOOVA	Yield/Acre (14%)
	(g ai/ha)		1st	2nd	3rd	4th	1st tr	2n	d trt	3rd trt	4th tr	t	22-Ju	in		12-Ju			1-/	Aug	18-Sep
Untreated ⁴												4	1	8 10	5	3	6 8	1	4	1 2	8330
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 lsr fb. 1-3Till	19-May	6-Jun	26-Jun		4 5	5 4	0	0 0		100	0	38 0	100	77 7	8 8	3 100	100	25 58	8614
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 lsr fb. 1-3Till	19-May	6-Jun	26-Jun		23 3	8 10	0	1 0		100	100 1	00 0	100	83 9	5 8	2 100) 100	0 100	0 8876
Cerano fb. Granite GR fb. Clincher + COC fb. Stam + COC	448 fb. 40 fb. 315 + 1.25% v/v fb. 6720 + 2.5% v/v	1-2 DAS fb. 7-14 DAS fb. 3-4 lsr fb. 1-3Till	19-May	29-May	6-Jun	26-Jun	6 4	15	0	4 3	0 () 100	100 1	00 0	100	100 1	00 10	0 100) 100	100 100	0 8791
Granite GR fb. Clincher + COC fb. Stam + COC	40 fb. 315 + 1.25% v/v fb. 6720 + 2.5% v/v	7-14 DAS fb. 3-4 lsr fb. 1-3Till	29-May	6-Jun	26-Jun		0 () 6	4	0 0		100	100 1	00 100) 100	100 1	00 10	0 100) 100	100 100	0 8552
Granite GR fb. Clincher + COC fb. Stam + COC	80 fb. 315 + 1.25% v/v fb. 6720 + 2.5% v/v	7-14 DAS fb. 3-4 lsr fb. 1-3Till	29-May	6-Jun	26-Jun		0 () 11	11	0 0		100	100 1	00 100	92	100 1	00 10	0 100	92	100 100	0 8719
Bolero Ultramax fb. Clincher + COC fb. Stam + COC	4480 fb. 315 + 1.25% v/v fb. 6720 + 2.5% v/v	7-12 DAS fb. 3-4 lsr fb. 1-3Till	29-May	6-Jun	26-Jun		1 () 5	0	0 0		100	50	0 100) 100	100 4	5 8	3 100) 100	100 21	8952
Bolero Ultramax fb. Clincher + COC fb. Stam + COC	8960 fb. 315 + 1.25% v/v fb. 6720 + 2.5% v/v	7-12 DAS fb. 3-4 lsr fb. 1-3Till	29-May	6-Jun	26-Jun		0 () 5	3	1 4		100	100 1	00 100	0 100	100 8	0 9	6 100) 100	100 79	7942
Bolero Ultramax fb. Granite GR fb.Clincher + COC fb. Stam + C	O 480 fb. 40 fb. 315 + 1.25% v/v fb. 6720 + 2.5% v/	7-12 DAS fb. 7-14 DAS fb. 3-4 lsr fb. 1-3Til	29-May	29-May	6-Jun	26-Jun	1 () 1	0	6 5	0 () 100	100 1	00 100) 100	100 1	00 10	0 100) 100	100 100	9257
Granite GR fb. Shark H ₂ O fb. Clincher + COC fb. Stam + COC	40 fb. 224 fb. 315 + 1.25% v/v fb. 6720 + 2.5% v/v	7-14 DAS fb. 3-4 lsr fb. 1-3Till	29-May	6-Jun	26-Jun		1 () 8	8	0 0		100	100 1	00 100) 100	100 1	00 10	0 100) 100	100 100	0 8641
Clincher + COC fb. Stam + COC	315 + 1.25% v/v fb. 6720 + 2.5% v/v	3-4 lsr fb. 1-3Till	6-Jun	26-Jun			4 [.]	0	0			100	0	44 10	95	100 1	0 4	7 100) 100	75 0	8847
LSD (P=0.05)															-						809

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), MOOVA (Monochoria)

³ 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 18, 2007 with 150 lbs per acre of M206

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

3. No weeds visible on May 19.

Watergrass was 1-2 leaf, ricefield bulrush was 1 leaf, and ducksalad was 1 leaf on May 29. Watergrass was 3 leaf, ricefield bulrush was 2 leaf, smallflower was 2 leaf, ducksalad was 2 leaf, and waterhyssop was 2 leaf on June 6. Watergrass was 1-3 tiller, ricefield bulrush was tillered, ducksalad was 6-7" and waterhyssop was early flower, monochoria 7-8 leaf on June 26 4. Spray applications made with 20 gallons/acre using 8003 nozzles.

Weather conditions on May 29: Air temperature 66o F, wind 2 MPH from the southwest.

Weather conditions on June 6: Air temperature 60° F, wind 1-2 MPH from the north.

Weather conditions on June 26: Air temperature 710 F, wind 1-2 MPH from the south.

^{5.} Weather conditions on May 19: Air temperature 80° F, wind 0 MPH.

Table 5. Pinpoint Trial at Hamilton Road

					I	Crop	injury ¹		I				١	Need C	Control	2						1
Treatment	Rate	Timing ³	Da	ate	7 DAT	14 DAT	7 DAT	14 DAT	ЕСНРН	LEFFA	SCPMU	CYPDI	НЕТСІ	MOOVA	AMMCO	ЕСНРН	LEFFA	SCPMU	CYPDI	MOOVA	Heading	Yield/Acre (14%)
	(g ai/ha)		1st	2nd	1s	st trt	2nc	l trt				12-Jul						1-Aug			8-Aug	19-Sep
Untreated ⁴									4	4	4	5	15	1	1	2	3	7	6	2	99	5973
Granite SC + COC	35 + 2.5% v/v	3-4 lsr	7-Jun		15	0			95	0	100	100	100	75	63	100	0	100	93	67	100	7851
Clincher + Granite SC + COC fb. Stam + COC	280 + 35 + 2.5% v/v fb. 6726 + 2.5% v/v	3-4 lsr fb. 1-2 Til	7-Jun	22-Jun	13	0	1	0	100	63	100	100	97	75	75	100	67	100	100	100	100	7939
Granite SC + Stam + COC fb. Clincher + COC	35 + 6726 + 2.5% v/v fb. 315 + 2.5% v/v	3-4 lsr fb. 1-2 Til	7-Jun	22-Jun	18	0	1	0	100	96	75	100	95	0	100	100	100	94	96	39	100	7912
Clincher + COC	315 + 2.5% v/v	3-4 lsr	7-Jun		6	0			90	100	0	10	9	25	38	100	100	0	38	0	100	6416
Clincher + COC fb. Stam + COC	315 + 1.25% v/v fb. 6726 + 2.5% v/v	3-4 lsr fb. 1-2 Til	7-Jun	22-Jun	10	0	0	1	100	95	82	100	65	50	38	100	100	76	100	0	100	6950
SuperWham + COC	4484 + 1.25% v/v	3-4 lsr	7-Jun		10	0			89	53	88	100	0	38	100	89	58	85	100	11	99	7372
Super Wham + Clincher + COC	4484 + 315 + 2.5% v/v	3-4 lsr	7-Jun		13	0			100	63	100	100	12	100	100	100	100	100	100	81	99	7459
SuperWham + Whip + COC	4484 + 32 + 1.25% v/v	3-4 lsr	7-Jun		25	0			100	71	100	100	1	25	100	100	94	100	100	35	99	7275
Super Wham + Abolish + COC	4484 + 4484 + 1.25% v/v	3-4 lsr	7-Jun		11	0			100	96	100	100	11	0	100	100	100	100	96	67	99	7787
Regiment + NIS	30 + 0.125% v/v	3-4 lsr	7-Jun		40	0			95	0	100	75	80	0	13	100	0	69	65	0	100	8055
Regiment + NIS fb. Super Wham + COC	30 + .125% v/v fb. 6726 + 1.25% v/v	3-4 lsr fb. 1-2 Til	7-Jun	22-Jun	30	0	3	0	100	0	100	100	91	0	13	100	0	96	100	0	100	7758
Clincher + COC fb. Regiment + NIS	315 + 2.5% v/v fb. 37 + .125% v/v	3-4 lsr fb. 1-2 Til	7-Jun	22-Jun	11	0	5	4	100	100	75	39	61	75	25	100	100	65	21	44	100	6796
Regiment + Abolish	30 + 3360	3-4 lsr	7-Jun		60	0			87	44	69	63	82	0	50	92	38	86	56	0	100	7714
Regiment + MCPA + NIS	37 + 560 + .125% v/v	1-2 Til	22-Jun		9	1			72	0	100	75	68	13	13	25	6	79	36	60	99	6922
Regiment + NIS	37 + 0.125% v/v	1-2 Til	22-Jun		6	1			89	0	97	60	69	88	0	100	0	78	19	85	100	6679
SuperWham + COC	6726 + 1.25% v/v	1-2 Til	22-Jun		5	1			89	0	100	88	55	100	38	100	25	89	100	0	100	6463
Wham 60 DF + COC	6726 + 1.25% v/v	1-2 Til	22-Jun		4	1			69	0	75	92	53	63	75	75	0	67	78	35	100	7210
Regiment + V-10142 WG + Dyne-a-pack	11 + 112 + 1.00% v/v	3-4 lsr	7-Jun		29	0			75	0	100	100	98	100	13	100	0	100	71	100	100	7966
Abolish + V-10142 WG + UAN	2242 + 112 + 2.00% v/v	3-4 lsr	7-Jun		13	0			73	41	100	92	73	88	63	92	13	100	74	100	100	7666
LSD (P=0.05)																						785

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 (Redstern),

SAGMO (California arrowhead), MOOVA (Monochoria)

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 18, 2007 with 150 lbs per acre of M206

2. Trial managed as a pinpoint flood with flood water drained June 1 reflood June 9.

3. Watergrass was 5 leaf, smallflower was 3 leaf on June 7.

Watergrass was 1-3 tiller, ricefield bulrush was 5 leaf and ducksalad was 6-7 inches on June 22.

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

6. Weather conditions on June 7: Air temperature 81° F, wind 1-2 MPH from the north.

Weather conditions on June 22: Air temperature 73° F, wind 1-2 MPH from the south.

Table 6. Isagro pinpoint flood at Hamilton road

					0	Crop i	njury ¹					%	Weed	Contro	ol²						
Treatment	Rate	Timing ³		Date	7 DAT	14 DAT	7 DAT 14 DAT		HETLI	BAORO	ЕСНРН	LEFFA	сүры	НЕТСІ	ECHOR	ЕСНРН	LEFFA	SCPMU	СҮРЫ	Heading	Yield/Acre (14%)
	(g ai/ha)		1st	2nd	1st	trt	2nd tr	t	22-J	ın		12	-Jul				22-Jul			8-Aug	19-Sep
Untreated								8	38	7	3	4	3	10	1	7	2	3	4	98	6706
Granite SC + COC fb. SuperWham + COC	35 + 2.5% v/v fb. 4484 + 1.25% v/v	3-4 lsr fb. 1-3 Tiller	7-Jun	26-Jun	4	0	0 0) 94	4 100	100	100	0	100	100	100	100	0	100	100	93	8451
Sandea + NIS fb. SuperWham + COC	35 + 0.5% v/v fb. 4484 + 1.25% v/v	3-4 lsr fb. 1-3 Tiller	7-Jun	26-Jun	1	0	3 () 8	9 61	92	94	0	0	0	50	94	0	100	100	98	7825
Strada + Kinetic fb. SuperWham + COC	74.5 + 0.125% v/v fb. 4484 + 1.25% v/v	3-4 lsr fb. 1-3 Tiller	7-Jun	26-Jun	5	0	3 () 9	5 100	0	75	0	100	95	75	85	0	100	100	88	7900
Strada + Super Wham + COC	74.5 + 4484 + 1.25% v/v	3-4 lsr	7-Jun		21	0		8	3 77	98	75	0	100	45	88	83	0	100	92	95	8488
Strada + Abolish	74.5 + 3363	3-4 lsr	7-Jun		10	0		10	0 99	100	33	31	75	87	38	49	0	100	67	96	8292
Strada + Abolish fb. SuperWham + COC	74.5 + 3363 fb. 4484 + 1.25% v/v	3-4 lsr fb. 1-3 Tiller	7-Jun	26-Jun	11	3	3 () 93	3 99	83	75	0	100	70	100	88	0	100	100	84	8202
Strada + Shark + NIS fb. SuperWham + COC	74.5 + 28 + 0.15 v/v fb. 4484 + 1.25% v/v	3-4 lsr fb. 1-3 Tiller	7-Jun	26-Jun	6	0	4 () 8) 97	88	88	0	100	96	75	93	0	100	100	98	8406
Strada + Super Wham + Whip + COC	74.5 + 4484 + 31.5 + 1.25% v/v	3-4 lsr	7-Jun		18	1		10	0 94	98	75	66	100	21	100	96	17	100	100	98	7803
Strada + Whip + NIS fb. Super Wham + COC	74.5 + 31.5 + 0.125% fb. 4484 + 1.25% v/v	3-4 lsr fb. 1-3 Tiller	7-Jun	26-Jun	10	1	0 0) 10	0 100	36	75	74	100	48	75	100	42	100	96	93	7226
Strada + Shark + NIS fb. SuperWham + Whip + C	74.5 + 28 + 0.15 v/v fb. 4484 + 31.5 + 1.25% v/v	3-4 lsr fb. 1-3 Tiller	7-Jun	26-Jun	5	0	4 () 74	4 100	97	46	0	100	65	100	94	0	100	100	100	7934
LSD (P=0.05)															-						848

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), MOOVA (Monochoria)

³ fb. (followedby), lsr (leaf stage of rice), Til (tillers of rice), DPRE (pre emergent), EPE (early post emergent), PPF (post permanentflood).

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

Trial Information

- 1. Trial seeded May 18, 2007 with 150 lbs per acre of M206
- 2. Trial managed as a pinpoint flood, water dropped June 1 and final flood on June 9.

3. Watergrass was 5 leaf, smallflowerwas 3 leaf on June 7.

Watergrass was 1-3 tiller, ricefield bulrush was 6 leaf, sprangletop was 6 leaf, waterhyssop was flowering and ducksalad was 6 leaf on June 26.

4. Spray applications made with 20 gallons/acreusing 8003 nozzles.

6. Weather conditions on June 7: Air temperature 81° F, wind 1-2 MPH from the north.

Weather conditions on June 26: Air temperature 80° F, wind 2 MPH from the south.

Table 7 . Pinpoint trial at Hamilton road

					(Crop i	injury ¹								We	ed Con	trol ²							
Treatment	Rate	Timing ³	Di	ate	7 DAT	14 DAT	7 DAT	14 DAT	ЕСНРН	НЕТЦ	BAORO	ЕСНРН	LEFFA	SCPMU	СҮРЫ	НЕТЦ	AMMCO	ЕСНРН	LEFFA	SCPMU	СҮРЫ	MOOVA	AMMCO	Yield/Acre (14%)
	(g ai/ha)		1st	2nd	1st	trt	2nd	l trt		22-Jun				12-	Jul					6-/	Aug			18-Sep
Untreated ⁴									12	32	35	10	3	7	3	19	1	12	4	11	6	2	3	4386
Granite SC + COC	35 + 2.5% v/v	2-3 lsr	7-Jun		4	0			92	100	99	100	0	100	100	100	38	98	0	94	100	63	92	6843
Granite SC + COC	50 + 2.5% v/v	2-3 lsr	7-Jun		1	0			76	65	99	100	0	100	100	81	63	100	17	98	100	54	74	7522
Granite SC + COC	70 + 2.5% v/v	2-3 lsr	7-Jun		4	0			82	100	95	100	0	100	100	100	100	100	0	100	97	100	100	7438
Granite SC + COC	35 + 2.5% v/v	4-5 lsr	11-Jun		0	0			94	100	99	100	0	99	100	100	38	100	21	98	95	67	87	7072
Granite SC + COC	50 + 2.5% v/v	4-5 lsr	11-Jun		0	0			86	100	97	96	0	100	95	96	13	100	0	93	85	54	78	6649
Granite SC + COC	70 + 2.5% v/v	4-5 lsr	11-Jun		0	0			91	100	100	100	0	100	100	97	38	100	0	100	96	29	66	6729
Regiment + NIS	38 + 0.125 % v/v	4-5 lsr	11-Jun		0	0			90	92	100	91	0	76	88	96	50	98	0	85	80	4	78	6751
Regiment + NIS	76 + 0.125 % v/v	4-5 lsr	11-Jun		0	0			79	92	95	94	0	82	100	97	50	100	0	85	97	0	67	6022
Clincher + COC fb. Stam 80 EDF	315 +1.25% v/v fb. 6720 + 1.25% V/V	2-3 lsr fb. 4-5 lsr	7-Jun	11-Jun	0	0	0	0	54	38	66	100	92	100	100	44	100	100	92	85	100	0	63	6486
LSD (P=0.05)																								824

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), MOOVA (Monochoria)

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 18, 2007 with 150 lbs per acre of M206
- 2. Trial managed as a pinpoint flood, water dropped June 1 and final flood on June 9.

3. Watergrass was 5 leaf, smallflower was 3 leaf on June 7.

Watergrass was 1-3 tiller, ricefield bulrush was 6 leaf, sprangletop was 6 leaf, waterhyssop was flowering and ducksalad was 6 leaf on June 26.

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

6. Weather conditions on June 7: Air temperature 81° F, wind 1-2 MPH from the north.

Weather conditions on June 26: Air temperature 80° F, wind 2 MPH from the south.

Table 8. Drill seeded trial at Hamilton road

				l	Crop	injury ¹			Weed 0	Control ²				
Treatment	Rate (g ai/ha)	Timing ³	Date 1st	e 2nd	12 DAT 14 DAT	T DAT 14 DAT	Наноз	5 LEFFA	наноз Наноз 12-	ELEFFA	ЕСНРН	É LEFFA	& beading	5-41 Barre (14%)
Untreated ⁴			130	ZHU	131 11	Zhu ut	45	8	13	35		18	99	3484
Prowl H2O	1120	 DPRE	31-Mav		0 1		45 80	0 100	10	35 88	55 58	93	99	5612
Prowl H2O fb. Super Wham + COC	1120 1120 1120 1120 1120 1120 1120 1120	DPRE fb. 2-3 lsr		8-Jun	35 3	9 5	100	95	100	00 93		93	90 84	5806
Prowl H2O	1120 10. 6726 + 1.23 % %	2-3 lsr (AFF)	8-Jun	o-Jun	21 3	9 5	0	38	0	93 34	99	92 45	100	4704
Prowl H2O + Super Wham + Whip + COC	1120 + 4484 + 32 + 1.25 % v/v	2-3 Isr (AFF)	8-Jun		9 4		100	100	100	96	99	45 95	95	5715
Prowl H2O + Regiment + Whip + NIS	1120 + 37 + 32 + 0.125 % W	2-3 Isr (AFF)	8-Jun		18 4		98	100	80	97	97	100	91	6133
Provi H2O + Clincher + COC	1120 + 315 + 1.25 % v/v	2-3 Isr (AFF)	8-Jun		4 3		100	100	100	98	100	100	95	5796
Abolish	4480	DPRE	31-May		3 0		18	95	0	83	55	100	100	5359
Abolish fb. Super Wham + COC	4480 fb. 6726 + 1.25 % v/v	DPRE fb. 2-3 lsr		8-Jun	45 3	11 5	100	100	98	100	100	100	99	5774
Abolish fb. Regiment + NIS	4480 fb. 12.5 + 0.125% v/v	DPRE fb. 2-3 lsr		8-Jun	9 1	10 3	100	100	62	95	100	100	100	6091
Abolish fb. Regiment + Abolish + NIS	4480 fb. 30 + 3360 + 0.125% v/v	DPRE fb. 2-3 lsr		8-Jun	9 4	11 4	100	100	82	100	100	100	68	6133
Regiment + Abolish fb. Clincher + COC	25 + 3360 fb. 315 + 1.25 % v/v	2-3 lsr fb. PPF		26-Jun	13 4	0 0	100	95	93	95	100	93	100	6445
Regiment + Abolish fb. Super Wham + Whip + COC	25 + 3360 fb. 6726 + 32 + 1.25 % v/v	2-3 lsr fb. PPF		26-Jun	11 3	6 3	100	100	100	89	100	86	94	5608
Shark fb. Clincher + COC	168 fb. 315 + 1.25% v/v	3-4 Isr fb. PPF	12-Jun 2	26-Jun	1 0	3 0	0	13	83	82	97	0	100	4591
Super Wham + Whip + COC	4484 + 32 + 1.25 % v/v	3-4 lsr	12-Jun		9 0		57	75	58	48	70	25	95	4661
Clincher + COC fb. Superwham + COC	280 +1.25% v/v fb. 6726 + 1.25% v/v	3-4 Isr fb. PPF	12-Jun 2	26-Jun	4 0	4 0	81	88	100	60	94	37	94	6199
Granite SC + COC fb. Clincher + COC	35 + 1.25% fb. 315 + 1.25% v/v	2-3 Isr fb. PPF	8-Jun 2	26-Jun	11 3	0 0	93	0	100	82	100	0	100	5599
Granite SC + Prowl H2O + Clincher + COC	35 + 1120 + 315 + 1.25 % v/v	2-3 lsr	8-Jun		51		100	100	100	100	100	100	100	6188
Granite SC + Clincher + COC fb. Super Wham + COC	35 + 280 + 1.25% v/v fb. 6726 + 1.25 % v/v	2-3 Isr fb. PPF	8-Jun 2	26-Jun	90	5 0	100	95	98	98	100	100	100	6373
LSD (P=0.05)														1059

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), MOOVA (Monochoria)

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 May 18, 2007 with 150 lbs per acre of M206

2. Trial managed as a drill/dry seeded with initial flush on May 18, additional flushes on June 5 and June 10 with final flood on June 20.

3. No weeds visible on May 31.

Watergrass was 3-4 leaf, sprangletop was 1 leaf on June 8.

Watergrass was 5 leaf, sprangletop was 3 leaf on June 12.

Watergrass was 1-2 tiller, sprangletop was 1-2 tiller on June 26.

- 4. Spray applications made with 20 gallons/acre using 8003 nozzles.
- 5. Weather conditions on May 31: Air temperature 62° F, wind 3 MPH from the southwest.

Weather conditions on June 8: Air temperature 82° F, wind 2 MPH from the northwest.

Weather conditions on June 12: Air temperature 72° F, wind 0 MPH.

Weather conditions on June 26: Air temperature 850 F, wind 3-4 MPH from the southeast.

Table 9. Western Farm Service drill seeded trial at Hamilton road

						Crop	injury ¹			We	ed Con	trol ²		
Treatment	Rate	Timing ³	D	Date	7 DAT	14 DAT	7 DAT	14 DAT	ЕСНРН	LEFFA	ЕСНРН	SCPMU	LEFFA	Yield/Acre (14%)
	(g ai/ha)		1st	2nd	1st	trt	2no	d trt	22-	Jun		12-Jul		17-Sep
Untreated ⁴									36	2	20	4	5	3357
Harbinger	897	prior to estab. flush	25-May			5			10	0	30	0	0	5604
Harbinger	1794	prior to estab. flush	25-May			1			18	0	41	0	0	6412
Harbinger fb. Stam + Safeguard	897 fb. 4540 + 1.25% v/v	prior to estab. Flush fb. 1-3 Till	25-May	28-Jun		3	3	0	36	100	28	0	70	6327
Harbinger fb. Stam + Harbinger + Safeguard	897 fb. 4540 + 897 + 1.25% v/v	prior to estab. Flush fb. 1-3 Till	25-May	28-Jun		5	4	0	60	100	39	0	100	6284
Harbinger fb. Regiment + Sandea + Breakthru	897 fb. 44.8 + 52.5 + 0.125% v/v	prior to estab. Flush fb. 1-3 Till	25-May	28-Jun		3	4	0	0	0		0	0	6747
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 (Californiaarrowhead), MOOVA (Monochoria)

³ fb. (followedby), lsr (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 May 18, 2007 with 150 lbs per acre of M206

2. Trial managed as a drill/dry seeded with initial flush on May 18, additional flushes on June 5 and June 10 with final flood on June 20.

3. No weeds visible on May 25.

Watergrasswas 1-3 tiller, bullrush was 5 leaf, smallflowerwas 4 leaf, sprangletopwas 1-2 tiller and ducksalad was 2 leaf on June 28.

- 4. Spray applicationsmade with 20 gallons/acreusing 8003 nozzles.
- 5. Weather conditions on May 25: Air temperature 82.5° F, wind 3 MPH from the southwest.

 $We a ther conditions on June 28: \ Air temperature 65 o \ F, wind 2-4 \ MPH from the southeast.$

Table 10 . Beem Pinpoint Trial at J-9 field

				Crop	injury ¹						Wee	ed Con	itrol ²						
Treatment	Rate	Timing ³	Date	7 DAT	14 DAT	ЕСНРН	СҮРЫ	HETLI	ЕСНРН	SCPMU	СҮРЫ	НЕТСІ	LEFFA	ECHOR	ЕСНРН	SCPMU	СҮРЫ	LEFFA	Yield/Acre (14%)
	(g ai/ha)		1st				22-Jur	า			12-Ju					6-Aug			27-Sep
Untreated ⁴						25	4	7	6	3	2	7	4	3	7	7	10	5	4051
SuperWham + COC	6726 + 1.25% v/v	3-4 lsr	11-Jun	0	1	89	100	75	50	75	75	37	0	47	97	100	100	0	6609
Regiment + NIS	37 + 0.125% v/v	3-4 lsr	11-Jun	0	1	96	43	100	98	40	50	100	0	100	97	95	55	0	5735
SuperWham + bioforge + COC	6726 + (1.2L/ha) + 1.25% v/v	3-4 lsr	11-Jun	0	0	94	88	80	100	100	100	38	13	100	75	100	100	0	6281
Regiment + bioforge + NIS	37 + (1.2L/ha) + 0.125% v/v	3-4 lsr	11-Jun	0	0	94	59	98	65	15	50	95	4	72	100	98	45	0	5974
LSD (P=0.05)																			926

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); MOOVA (Monochoria)

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 23, 2007 with 150 lbs per acre of M205

2. Trial managed as a pinpoint flood with flood water drained June 9 reflood June 14.

3. Watergrass was 4 leaf, ricefield bulrush was 6 leaf, smallflower was 4 leaf and ducksalad was 4 leaf on June 11.

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

5. Weather conditions on June 11: Air temperature 80.90 F, wind 0-1 MPH from the north.

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Table 11. Isagro pinpoint following Cerano basin treatment

							Cr	op inju	ry ¹				We	ed Co	ntrof		
Treatment	Rate	Timing ³		Date		≤ .	14 DAT	7 DAT 14 DAT	7 DAT	14 DAT	SCPMU	НЕТСІ	SCPMU	НЕТСІ	SCPMU	сүры	Yield/Acre(14%)
	(g ai/ha)		1st	2nd	3rd	1st	trt	2nd trt	3r	d trt	22-	Jun	12-	Jul	6-A	ug	
Cerano	673	DOS	23-May			5	0				1	3	3	3	5	3	5636
Cerano fb. Granite SC + COC	673 fb. 35 + 2.5% v/v	DOS fb. 3-4 lsr	23-May	11-Jun		5	0	1 0			100	100	37	92	100	0	6495
Cerano fb. Sandea + NIS	673 fb. 35 + 0.5% v/v	DOS fb. 3-4 lsr	23-May	11-Jun		5	0	5 0			100	0	12	0	100	0	6465
Cerano fb. Strada + SIL	673 fb. 74.5 + 0.125% v/v	DOS fb. 3-4 lsr	23-May	11-Jun		5	0	13 0			100	100	3	2	100	0	5372
Cerano fb. Strada + Super Wham + COC	673 fb. 74.5 + 4484 + 1.25% v/v	DOS fb. 3-4 lsr	23-May	11-Jun		5	0	10 0			88	100	87	35	76	0	6460
Cerano fb. Strada + SIL fb. Super Wham + COC	673 fb. 74.5 + 0.125% v/v fb. 4484 + 1.25% v/v	DOS fb. 3-4 lsr fb. 1-3 Till	23-May	11-Jun	28-Jun	5	0	8 0	6	1	100	100	0	2	100	0	4972
Cerano fb. Strada + Super Wham + Whip + COC	673 fb. 74.5 + 4484 + 346 + 1.25% v/v	DOS fb. 3-4 lsr	23-May	11-Jun		5	0	11 0			100	100	95	85	100	75	5854
Cerano fb. Strada + SIL fb. Super Wham + Whip + COO	673 fb. 74.5 + 0.125% v/v fb. 4484 + 346 + 1.25% v/v	DOS fb. 3-4 lsr fb. 1-3 Till	23-May	11-Jun	28-Jun	5	0	6 0	13	3	100	92	0	0	48	71	4692
Cerano fb. Strada + Abolish	673 fb. 74.5 + 3363	DOS fb. 3-4 lsr	23-May	11-Jun		5	0	13 0			100	100	32	0	81	0	5660
Ceranofb. Strada + Shark + NIS	673 fb. 74.5 + 28 + 0.15% v/v	DOS fb. 3-4 lsr	23-May	11-Jun		5	0	9 0			100	100	37	27	95	100	5546
Ceranofb. Grandstand+ COC	673 fb. 420 + 1.0% v/v	DOS fb. 1-3 Til	23-May	28-Jun		5	0		4	5	0	0	0	0	0	0	5084
LSD (P=0.05)																	1154

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); MOOVA (Monochoria)

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 Control weed control values represent % cover by the respective weed species

Trial Information

- 1. Trial seeded May 23, 2007 with 150 lbs per acre of M205
- 2. Trial managed as a pinpoint flood after initial water hold for Cerano. Water drained June 9 and final flood on June 13.

3. No weeds visible on May 23.

Watergrass was 4 leaf, ricefield bulrush was 4-5 leaf, smallflower was 3-4 leaf and ducksalad was 5-6 leaf on June 11.

Watergrass was 1-2 tiller, ricefield bulrush was 3-4 leaf, smallflower was 3-4 leaf, ducksalad was 6-7 leaf on June 28.

- 4. Spray applications made with 20 gallons/acre using 8003 nozzles.
- 5. Weather conditions on May 23: Air temperature 85o F, wind 6-7 MPH from the northwest. Weather conditions on June 11: Air temperature 83o F, wind 2-3 MPH from the west, northwest.

Weather conditions on June 11: Air temperature 830 F, wind 2-3 MPH from the west, northwe Weather conditions on June 28: Air temperature 650 F, wind 2-3 MPH from the southeast.

Table 12. FMC continuous flood at J-9 field

							С	rop inju	Iry ¹						Wee	d Cor	ntrol ²				ļ	
Treatment	Rate	Timing ³		Date			14 DAT	7 DAT 11 DAT	ິ ຊ	14 DAT	ЕСНРН	SCPMU	НЕТШ	BAORO	ЕСНРН	SCPMU	НЕТШ	ЕСНРН	SCPMU	НЕТШ	AAMCO	Yield/Acre (14%)
	(g ai/ha)		1st	2nd	3rd	1st	trt	2nd tr	t 3	Brd trt		22-	Jun			12-Jul			6-A	Aug		28-Sep
Untreated ⁴											16	1	7	2	14	5	5	18	8	1	1	4658
Cerano fb. Shark H2O 40 DF + Londax	673 fb. 224 + 70	DOS fb. 2 lsr	23-May	31-May		16	11	3 ()		92	100	100	100	100	100	95	100	100	100	100	7428
Cerano fb. Shark H2O 40 DF + Londax	673 fb. 336 + 70	DOS fb. 2 lsr	23-May	31-May		8	8	3 ()		90	100	100	100	98	100	100	100	100	100	100	7520
Cerano fb. Shark H2O 40 DF	673 fb. 336	DOS fb. 2 lsr	23-May	31-May		6	6	4 1			85	100	100	100	100	100	100	100	100	100	100	7016
Cerano fb. Shark H2O 40 DF fb. Shark H2O 40 DF	673 fb. 168 fb. 168	DOS fb. 2 lsr fb. 7DAT(2lsr)	23-May	31-May	6-Jun	3	4	4 () 3	3 1	90	100	97	100		100	100	100	100	100	100	7031
Cerano fb. Shark H2O 40 DF fb. Shark H2O 40 DF	673 fb. 168 fb. 168	DOS fb. 2 lsr fb. 147DAT(2lsr)	23-May	31-May	15-Jun	5	5	1 () () ()	85	100	77	100	100	100	100	100	100	100	100	6924
Shark H2O 40 DF fb. Propanil	224 fb. 6726	2 lsr fb. 1 Till	31-May	12-Jul		0	0	10 4	ŀ		66	100	90	100	63	100	95	91	100	100	100	6011
Clincher fb. Shark H2O 40 DF	273 fb. 336	2 lsr fb. 7DAT(2lsr)	31-May	6-Jun		0	0	4 3	3		83	100	84	100	86	100	100	95	90	100	100	7304
Clincher fb. Shark H2O 40 DF + Londax	273 fb. 224 + 70	2 lsr fb. 7DAT(2lsr)	31-May	6-Jun		0	1	4 1			94	100	63	100	96	100	80	98	95	75	100	6540
Shark H2O 40 DF fb. Granite GR	224 fb. 40	2-3 lsr	31-May			0	1				96	100	100	100	99	100	100	100	100	100	100	7399
Shark H2O 40 DF fb. Regiment	224 fb. 46.5	2 lsr fb. 5 lsr	31-May			0	0				54	100	100	100	43	95	100	61	98	100	100	6732
Cerano fb. Shark H2O 40 DF + Bolero	673 fb. 224 + 4480	DOS fb. 2 lsr	23-May	31-May		3	6	8 1			96	100	89	100	100	90	85	100	83	100	100	6983
LSD (P=0.05)	-	· · ·				-																815

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); MOOVA (Monochoria)

³ fb. (followed by), PFS (pre-flood surface), PWE (pre-weed emergence), 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 23, 2007 with 150 lbs per acre of M205
- 2. Trial managed as a continuous flood with 3-4 inches.
- 3. No weeds visible on May 23.

Watergrass was 1-2 leaf, ricefield bulrush was 1 leaf and ducksalad was 1 leaf on May 31. Watergrass was 2-3 leaf, ricefield bulrush was 2 leaf and ducksalad was 2 leaf on June 6. Watergrass was 3-4 leaf, ricefield bulrush was 5-6 leaf and ducksalad was 6 leaf on June 15. Watergrass was 1 tiller, bullrush was tillering,ducksalad was flowering on July 12.

- 4. Spray applications made with 20 gallons/acre using 8003 nozzles.
- 5. Weather conditions on May 23: Air temperature 850 F, wind 5-6 MPH from the northwest. Weather conditions on May 31: Air temperature 740 F, wind 3-4 MPH from the southwest. Weather conditions on June 6: Air temperature 650 F, wind 5-7 MPH from the northwest. Weather conditions on June 15: Air temperature 840 F, wind 2-4 MPH from the northwest. Weather conditions on July 12: Air temperature 830 F, wind 2-4 MPH from the southwest.

Table 13. BASF Continuous flood at J-9 field

						Crop	injury	/ ¹	% Weed Control ²							
Treatment	Rate	Timing ³	Da	ate	7 DAT	14 DAT	7 DAT	14 DAT	ЕСНРН	SCPMU	НЕТСІ	ЕСНРН	SCPMU	НЕТСІ	MOOVA	Yield/Acre (14%)
	(g ai/ha)		1st 2nd		1st trt 2nd trt		12-Jul			6-Aug				28-Sep		
Untreated ⁴									12	7	4	9	12	1	1	3807
ACB D33H Drip into water fb. Clincher + COC	50	2-3 lsr	4-Jun	21-Jun	0	0	0	0	96	11	53	37	0	25	75	4935
ACB D33H Drip into water fb. Clincher + COC	100	2-3 lsr	4-Jun	21-Jun	0	0	0	0	98	0	92	78	0	75	75	5050
ACB D33H Drip into water fb. Clincher + COC	200	2-3 lsr	4-Jun	21-Jun	3	0	0	0	72	7	100	73	0	100	100	5326
ACB D33H Drip into water fb. Clincher + COC	300	2-3 lsr	4-Jun	21-Jun	1	0	0	0	89	32	100	58	0	100	88	5139
ACB D33H Spray into water fb. Clincher + COC	100	2-3 lsr	4-Jun	21-Jun	0	0	0	0	99	0	95	65	24	75	50	5448
Shark fb. Clincher + COC	224	2-3 lsr	4-Jun	21-Jun	4	0	0	0	91	88	100	70	91	100	100	6595
ACB D33H Drip into water fb. Clincher + COC	50	4-5 lsr	11-Jun	21-Jun	5	0	0	0	88	18	78	63	24	25	63	4305
ACB D33H Drip into water fb. Clincher + COC	100	4-5 lsr	11-Jun	21-Jun	1	0	0	0	96	17	100	55	0	100	38	5176
ACB D33H Drip into water fb. Clincher + COC	200	4-5 lsr	11-Jun	21-Jun	0	0	0	0	85	0	100	56	5	100	50	5118
ACB D33H Drip into water fb. Clincher + COC	300	4-5 lsr	11-Jun	21-Jun	3	0	0	0	66	38	83	58	48	100	100	5137
ACB D33H Spray into water fb. Clincher + COC	100	4-5 lsr	11-Jun	21-Jun	4	0	0	0	75	0	100	62	0	75	38	4635
Shark fb. Clincher + COC	224	4-5 lsr	11-Jun	21-Jun	3	0	0	0	67	100	52	62	98	50	100	5650

1005

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); MOOVA (Monochoria)

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 23, 2007 with 150 lbs per acre of M205
- 2. Trial managed as a continuous flood.
- 3. Watergrass was 2 leaves, ricefield bulrush was 2 leaves and ducksalad was 2 leaves on June 4.

Watergrass was 4 leaves, ricefield bulrush was 7 leaves, smallflower umbrellasedge was 3 leaves and ducksalad was 6 leaves on June 11.

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

5. Weather conditions on June 11: Air temperature 85° F, wind 3 MPH from the west.

Weather conditions on June 21: Air temperature 70° F, wind 1-2 MPH from the southeast.

Table 14. Wilbur-Ellis continuous flood at J-9 field

					Crop injury ¹												
Treatment	Rate	Timing ³		ion date	7 DAT	14 DAT	7 DAT	14 DAT	ЕСНРН	SCPMU	HETLI	BAORO	ЕСНРН	SCPMU	НЕТСІ	MOOVA	Vield/Acre (14%)
	(g ai/ha)		1st 2nd		1st trt 2nd tr		d trt		22-J		2-Jun		6-A	6-Aug		28-Sep	
Untreated ⁴									46	25	0	50	74	49	25	50	4129
Cerano fb. WE 1026-1	673 fb. 3363	DOS fb. 4-5 lsr	30-May	11-Jun	51	23	24	31	66	50	20	25	95	77	25	100	5693
WECO 632 SC + Abolish	600 + 4480	PFS							9	25	6	25	92	18	50	25	4904
Cerano fb. WE 1026-1	673 fb. 1681.5	DOS fb. 4-5 lsr	30-May	11-Jun	70	24	15	20	50	63	20	100	98	79	0	100	5361
Cerano fb. WE 1027-1	673 fb. 420	DOS fb. 4-5lsr	30-May	11-Jun	54	20	4	8	85	75	2	75	100	55	0	75	4851
Cerano fb. WE 1026-1 + WE 1027-1	673 fb. 1681.5 + 420	DOS fb. 4-5lsr	30-May	11-Jun	68	26	15	29	20	63	44	25	88	51	50	75	6523
Cerano fb. WE 1027-1	673 fb. 840.7	DOS fb. 4-5lsr	30-May	11-Jun	21	13	9	14	37	51	0	26	63	48	1	26	4304
WE 1026-1	3363	2 Till	21-Jun		6	5			12	0	0	50	79	58	25	75	4616
WE 1026-1	1681.5	2 Till	21-Jun		4	3			75	50	23	75	100	75	25	100	4411
WE 1027-1	840.7	2 Till	21-Jun		4	1			46	100	34	75	82	78	75	75	4404
WE 1027-1	420	2 Till	21-Jun		3	1			92	75	1	75	98	55	0	100	4665
WE 1026-1 + WE 1027-1	1681.5 + 420	2 Till	21-Jun		5	1			24	38	64	75	97	76	50	100	4476
WE 1027-1 + Shark	420 + 1	4-5 lsr	11-Jun		4	5			47	63	0	100	93	36	50	100	5824
WE 1026-1 + WE 1027-1	3363 + 840.7	2 Till	21-Jun		9	5			57	63	0	100	99	75	50	75	4180
ISD (P=0.05)																	908

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); MOOVA (Monochoria)

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 23, 2007 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 30. Watergrass was 4 leaf, ricefield bulrush was 6 leaf, ducksalad was 4 leaf and smallflower umbrellasedge was 4 leaf on June 11. Watergrass was 6 leaf, ricefield bulrush was 8 leaf, ducksalad was 6 leaf and smallflower umbrellased ge was 5-6 leaf on June 21.
- 4. Spray applications made with 20 gallons/acre using 8003 nozzles.
- 5. Weather conditions on May 30: Air temperature 60° F, wind 3-5 MPH from the Southeast.

Weather conditions on June 11: Air temperature 85° F, wind 2-4 MPH from the southwest.

Weather conditions on June 21: Air temperature 75° F, wind 2-4 MPH from the southwest.

908

Table 15. Continuous flood trial at resistant off station site

				njury ¹									
Treatment	Rate	Timing ³	Dat	es	% Injury	% Injury	ЕСНРН	SCPMU	НЕТШ	ЕСНРН	SCPMU	НЕТСІ	Yield/Acre (14%
	(g ai/ha)		1st	2nd	2nd	l trt		22-Jun			12-Jul		13-Sep
Cerano	673	DOS	14-May				79	0	74	83	0	97	7098
Cerano fb. Granite SC + COC	673 fb. 40 + 2.5% v/v	DOS fb. 4-5 lsr	14-May	7-Jun	1	0	96	96	100	92	92	100	9168
Cerano fb. Superwham + COC	673 fb. 6726 + 1.25% v/v	DOS fb. 4-5 lsr	14-May	7-Jun	9	0	100	96	97	100	100	98	10580
Cerano fb. Regiment + NIS	673 fb. 44.5 + 0.125% v/v	DOS fb. 4-5 lsr	14-May	7-Jun	5	1	79	35	98	91	75	99	8498
Cerano fb. Shark	673 fb. 112	DOS fb. 4-5 lsr	14-May	7-Jun	4	1	75	96	97	69	100	99	9827
LSD (P=0.05)													2216
Granite GR	40	2-3 lsr	23-May				95	100	100	91	100	100	6297
Granite GR fb. SuperWham + COC	40 fb 6726 + 1.25% v/v	2-3 lsr fb. 4-5 lsr	23-May	7-Jun	3	0	100	100	100	100	100	100	7589
Granite GR fb Regiment + NIS	40 fb. 44.5 + 0.125% v/v	2-3 lsr fb. 4-5 lsr	23-May	7-Jun	9	0	97	100	100	97	100	100	7712
LSD (P=0.05)													2549

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); MOOVA (Monochoria)

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 3, 2007 with 150 lbs per acre of M104.
- 2. Trial managed as a continuous flood.
- 3. No weeds on May 14.

Watergrass was 2 leaf, bulrush was 1 inch, ducksalad was 1 inch on May 23.

Watergrass was 1 tiller, smallflower was 1 inch, california arrowhead was 2 inches, ducksalad was 2 inches June 7.

4. Spray applications made with 20 gallons/acreusing 8003 nozzles.

5. Weather conditions on May 14: Air temperature 820 F, wind 2-5 MPH from the northwest. Weather conditions on May 23: Air temperature 850 F, wind 5-8 MPH from the northwest. Weather conditions on June 7: Air temperature 680 F, wind 2-3 MPH from the east.

Table 16. Pinpoint Trial at Resistant off station site

						Crop injury ¹				Weed Controf					
Treatment	Rate	Timing ³	Da	ate	7 DAT	14 DAT	7 ДАТ	14 DAT	ЕСНРН	LEEFA	СҮРЫ	НЕТСІ	AMMCO	Yield/Acre(14%)	
	(g ai/ha)				1st	t trt	2no	d trt	12-Jul			13-Sep			
Untreated ⁴									14	19	20	5	4	1269	
Clincher+COC fb. SuperWham+COC	315 + 1.25% v/v fb. 6726 + 1.25% v/v	3-4 lsr fb. 1 Til	1-Jun	15-Jun	0	0	40	3	100	98	88	75	43	10080	
Clincher + Granite SC + COC fb. Regiment + NIS	315 + 35 + 1.25% v/v fb. 44.5 + 0.125% v/v	3-4 lsr fb. 1 Til	1-Jun	15-Jun	0	0	51	4	83	100	0	75	23	3519	
Clincher+GraniteSC+COCfb.SuperWham+COC	315 + 35 + 1.25% v/v fb. 6726 + 1.25% v/v	3-4 lsr fb. 1 Til	1-Jun	15-Jun	0	0	40	5	98	96	83	80	21	9980	
Granite SC + COC fb. Stam + COC	35 + 1.25% v/v fb. 6726 + 1.25% v/v	3-4 lsr fb. 1 Til	1-Jun	15-Jun	0	0	4	0	92	4	100	100	100	8478	
Super Wham + COC	6726 + 1.25% v/v	1 Til	15-Jun		48	3			100	32	98	95	74	9915	
SuperWham + COC fb. Clincher + COC	6726 + 1.25% v/v fb. 315 + 1.25% v/v	3-4 lsr fb. 1 Til	1-Jun	15-Jun	1	0	5	1	50	78	99	80	100	7770	
Regiment+NIS	44.5 + .25% v/v	1 Til	15-Jun		91	4			92	31	6	50	0	3405	
Regiment+ NIS + UAN	44.5 + 0.25% v/v + 2.0% v/v	1 Til	15-Jun		98	8			92	23	0	65	85	4180	
Regiment + NIS fb. Super Wham + COC	44.5 + 0.125% v/v fb. 4484 + 1.25% v/v	3-4 lsr fb. 1 Til	1-Jun	15-Jun	0	0	11	0	92	25	100	95	100	7968	
Regiment+ Abolishfb. SuperWham+ COC	37 + 3360 fb. 6726 + 1.25% v/v	3-4 lsr fb. 1 Til	1-Jun	15-Jun	0	0	8	0	98	70	95	90	100	8106	
	•													1823	

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); MOOVA (Monochoria)

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 3, 2007 with 150 lbs per acre of M104.
- 2. Trial managed as a pinpoint flood with drain on May 28 and reflood June 2.
- 3. Watergrass was 3 leaf, bulrush was 1-2 leaf, smallflower ws 1-2 leaf, ducksalad was 1-2 leaf on June 1. Watergrass was 1 tiller, smallflower was 3-5 leaves, sprangletop was 1 tiller, ducksalad was early flower, June 15.
- 4. Spray applications made with 20 gallons/acre using 8003 nozzles.
- 5. Weather conditions on June 1: Air temperature 65.50 F, wind 0-1 MPH from the west. Weather conditions on June 15: Air temperature 780 F, wind 0-1 MPH from the northwest.