

HAI-333 (REVITON ULTRA?) PREPLANT BURNDOWN TEST	
Trial ID: BN-03-24	Study Dir.: BROCK WAGGONER
Location: PONDER FARM	Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Code	Amt Product to Measure	Diluent	Rep 1	2	3	4
1	NTC								-	101	209	301	406
2	HELMQUAT AATREX INDUCE	3 SL 4 L		32.0 oz/a 32.0 oz/a 0.25 % v/v		POST A POST A POST A		25.0 mL/mx 25.0 mL/mx 3.75 mL/mx	1446.3 mL	102	211	303	405
3	HAI-333 AMSOL HELM MSO	4 SC		24.0 oz/a 2.0 % v/v 1.0 % v/v		POST A POST A POST A		18.75 mL/mx 30.0 mL/mx 15.0 mL/mx	1436.3 mL	103	204	310	407
4	HAI-333 AMSOL HELM MSO	4 SC		32.0 oz/a 2.0 % v/v 1.0 % v/v		POST A POST A POST A		25.0 mL/mx 30.0 mL/mx 15.0 mL/mx	1430 mL	104	207	304	410
5	HAI-333 CLARIFIER (DICAMBA) AMSOL HELM MSO	4 SC 4 SL		32.0 oz/a 8.0 oz/a 2.0 % v/v 1.0 % v/v		POST A POST A POST A POST A		25.0 mL/mx 6.25 mL/mx 30.0 mL/mx 15.0 mL/mx	1423.8 mL	105	208	306	402
6	HAI-333 RANCOR (METRIBUZIN) AMSOL HELM MSO	4 SC 4 F		32.0 oz/a 16.0 oz/a 2.0 % v/v 1.0 % v/v		POST A POST A POST A POST A		25.0 mL/mx 12.5 mL/mx 30.0 mL/mx 15.0 mL/mx	1417.5 mL	106	203	309	408
7	HELMQUAT RANCOR (METRIBUZIN) HELM MSO	3 SL 4 F		32.0 oz/a 16.0 oz/a 1.0 % v/v		POST A POST A POST A		25.0 mL/mx 12.5 mL/mx 15.0 mL/mx	1447.5 mL	107	206	302	403
8	SHARPEN ROUNDUP POWERMAX CLARIFIER (DICAMBA) AMSOL HELM MSO	5.5 SC 5.5 SL 4 SL		1.0 oz/a 22.0 oz/a 8.0 oz/a 2.0 % v/v 1.0 % v/v		POST A POST A POST A POST A POST A		0.7812 mL/mx 17.19 mL/mx 6.25 mL/mx 30.0 mL/mx 15.0 mL/mx	1430.8 mL	108	201	311	409
9	REVITON ROUNDUP POWERMAX CLARIFIER (DICAMBA) AMSOL HELM MSO	2.83 SC 5.5 SL 4 SL		1.0 oz/a 22.0 oz/a 8.0 oz/a 2.0 % v/v 1.0 % v/v		POST A POST A POST A POST A POST A		0.7812 mL/mx 17.19 mL/mx 6.25 mL/mx 30.0 mL/mx 15.0 mL/mx	1430.8 mL	109	205	308	411
10	LIBERTY REVITON AMSOL HELM MSO	2.34 SL 2.83 SC		22.0 oz/a 1.0 oz/a 2.0 % v/v 1.0 % v/v		POST A POST A POST A POST A		17.19 mL/mx 0.7812 mL/mx 30.0 mL/mx 15.0 mL/mx	1437 mL	110	202	305	401
11	LIBERTY REVITON AMSOL HELM MSO	2.34 SL 2.83 SC		29.0 oz/a 1.0 oz/a 2.0 % v/v 1.0 % v/v		POST A POST A POST A POST A		22.66 mL/mx 0.7812 mL/mx 30.0 mL/mx 15.0 mL/mx	1431.6 mL	111	210	307	404

	Trial Comments
HAI-333 = TIAFENACIL + GLUFOSINATE	
MARCH 21 SUNRISE WAS 7:36 AM.	
PLOT 101 GPS POINTS: 31.509070N/-83.658540W	
<u>WEEDS AT APPLICATION:</u>	
WILD RADISH: 12-15" TALL; FLOWERING TO POD	
HENBIT: 4-6" TALL; FLOWERING	
MOUSE-EARED CHICKWEED: 6-8" TALL; FLOWERING	

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HAI-333 (REVITON ULTRA?) PREPLANT BURNDOWN TEST	
Trial ID: BN-03-24	Study Dir.: BROCK WAGGONER
Location: PONDER FARM	Investigator: Eric P. Prostko

SUMMARY:

1) OBSERVATIONS FROM 27 DAT:

A) 3 TREATMENTS PROVIDED ACCEPTABLE (>89%) CONTROL OF WILD RADISH INCLUDING THE FOLLOWING:

HELMQUAT + AATREX - 90% CONTROL
HAI-333 + RANCOR - 96% CONTROL
HELMQUAT + RANCOR - 97% CONTROL

ALL OTHER TREATMENTS WERE LESS THAN 68%.

B) 5 TREATMENTS PROVIDED ACCEPTABLE (>84%) CONTROL OF HENBIT INCLUDING THE FOLLOWING:

HELMQUAT + AATREX - 99% CONTROL
HAI-333 + CLARIFIER - 85% CONTROL
HAI-333 + RANCOR - 99% CONTROL
HELMQUAT + RANCOR - 99% CONTROL
LIBERTY @ 29 OZ/A + REVITON @ 1 OZ/A - 90% CONTROL

ALL OTHER TREATMENTS WERE LESS THAN 79%.

C) 7 TREATMENTS PROVIDED ACCEPTABLE (>83%) CONTROL OF MOUSE-EARED CHICKWEED INCLUDING THE FOLLOWING:

HELMQUAT + AATREX - 99% CONTROL
HAI-333 + CLARIFIER - 84% CONTROL
HAI-333 + RANCOR - 99% CONTROL
HELMQUAT + RANCOR - 99% CONTROL
SHARPEN + ROUNDUP + CLARIFIER - 88% CONTROL
REVITON + ROUNDUP + CLARIFIER - 91% CONTROL
LIBERTY @ 29 OZ/A + REVITON @ 1 OZ/A - 84% CONTROL

ALL OTHER TREATMENTS WERE LESS THAN 78%.

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HAI-333 (REVITON ULTRA?) PREPLANT BURNDOWN TEST

Trial ID: BN-03-24
Location: PONDER FARM

Study Dir.: BROCK WAGGONER
Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: BROCK WAGONEER
Affiliation: HELM
Postal Code:

Title:

Investigator: Eric P. Prostko
Affiliation: UGA
Postal Code:

Title:

TRIAL LOCATION

City:
State/Prov.:
Postal Code:
Country:
E-Longitude of LL Corner °:
Altitude of LL Corner: Unit:
Directions:

Trial Status: E
Trial Reliability:
Initiation Date:
Planned Completion Date:
N-Latitude of LL Corner °:
Angle y-axis to North °:

COOPERATOR/LANDOWNER

Cooperator:
Org:
Address 1:
Address 2:
City:
State/Prov:
Postal Code:

Country:
Phone No:
Fax No:

Conducted Under GLP (Y/N): N
Guidelines:

Conducted Under GEP (Y/N): N
Guideline Description:

Objective:

Conclusions:

CROP AND WEED DESCRIPTION

Weed	Code	Common Name	Scientific Name
1.	RAPRA	WI	LD RADISH
2.	LAMAM	HE	NBIT
3.	CERVU	MO	USE-EAR CHICKWEED

Crop 1:
Planting Date:
Rate: S/A
Row Spacing:
Soil Temperature:

Planting Method:
Depth: IN
Spacing Within Row:
Soil Moisture:

Variety: MONOSEM
Perennial Age:
Seed Bed:
Emergence Date:

SITE AND DESIGN

Plot Width, Unit: 7 FT
Site Type:
Tillage Type: CONVENTIONAL

Plot Length, Unit: 25 FT
Reps: 4
Study Design: RACOBL

Trial Initiation Comments:

	Previous Crops	Previous Pesticides	Year
1.	FALLOW		2023

MAINTENANCE

Field Prep./Maintenance:

No.	Date	Maintenance Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit
1.							

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Trial ID: BN-03-24
Location: PONDER FARM

Study Dir.: BROCK WAGGONER
Investigator: Eric P. Prostko

SOIL DESCRIPTION

% Sand: 94
% Silt: 2
% Clay: 4

% OM: 0.48
pH: 6.0
CEC: 1.9

Texture: SAND
Soil Name: FUQUAY
Fert. Level: GOOD

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

MOISTURE CONDITIONS

	Date	Time	Amount	Unit	Type	Interval	Unit
1.	Mar-22-24		1.5	IN	RAINFALL		
2.	Mar-26-24		0.8	IN	RAINFALL		
3.	Mar-27-24		1.0	IN	RAINFALL		
4.	Apr-3-24		1.3	IN	RAINFALL		
5.	Apr-10-24		0.2	IN	SPRINKLER - LATERAL MOVE		
6.	Apr-10-24		2.71	IN	RAINFALL		
7.	Apr-11-24		1.78	IN	RAINFALL		

Overall Moisture Conditions:

Closest Weather Station: _____ Distance: _____ Unit: _____

APPLICATION DESCRIPTION

	A
Application Date:	Mar-21-24
Time of Day:	8:00 AM
Application Method:	BROADCAST
Application Timing:	POST
Applic. Placement:	FOLIAGE
Air Temp., Unit:	45 F
% Relative Humidity:	89
Wind Velocity, Unit:	0 MPH
Dew Presence (Y/N):	Y
Water Hardness:	--
Soil Temp., Unit:	55 F
Soil Moisture:	OPTIMUM
% Cloud Cover:	0

CROP STAGE AT EACH APPLICATION

	A
Crop 1 Code, Stage:	
Stage Scale:	
Height, Unit:	

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Location: PONDER FARM	Investigator: Eric P. Prostko

WEED STAGE AT EACH APPLICATION	
	A
Weed 1 Code, Stage:	RAPRA,
Stage Scale:	
Density, Unit:	
Weed 2 Code, Stage:	LAMAM,
Stage Scale:	
Density, Unit:	
Weed 3 Code, Stage:	CERVU,
Stage Scale:	
Density, Unit:	

APPLICATION EQUIPMENT	
	A
Appl. Equipment:	BACKPACK
Operating Pressure:	32
Nozzle Type:	AIXR
Nozzle Size:	11002
Nozzle Spacing, Unit:	20 IN
Nozzles/Row:	
Band Width, Unit:	
Boom Length, Unit:	20 IN
Boom Height, Unit:	20 IN
Ground Speed, Unit:	3.5 MPH
Incorporation Equip.:	
Hours to Incorp.:	
Incorp. Depth, Unit:	
Carrier:	WATER
Spray Volume, Unit:	15 GPA
Spray pH:	
Propellant:	CO2
Tank Mix (Y/N):	

Trt No	Treatment Application Comment

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HAI-333 (REVITON ULTRA?) PREPLANT BURNDOWN TEST												
Trial ID: BN-03-24		Study Dir.: BROCK WAGGONER										
Location: PONDER FARM		Investigator: Eric P. Prostko										
Weed Code							RAPRA	LAMAM	CERVU	RAPRA	LAMAM	CERVU
Rating Data Type							Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%
Rating Date							Mar-28-24	Mar-28-24	Mar-28-24	Apr-4-24	Apr-4-24	Apr-4-24
Trt-Eval Interval							7 DA-A	7 DA-A	7 DA-A	14 DA-A	14 DA-A	14 DA-A
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code	1	2	3	4	5	6
1	NTC						0.0 c	0.0 d	0.0 f	0.0 g	0.0 d	0.0 c
2	HELMQUAT	3 SL		32.0 oz/a	POST A		47.5 b	95.0 a	96.0 a	78.5 b	99.0 a	99.0 a
	AATREX	4 L		32.0 oz/a	POST A							
	INDUCE			0.25 % v/v	POST A							
3	HAI-333	4 SC		24.0 oz/a	POST A		62.5 a	87.5 a	82.5 bc	62.5 def	88.3 a	96.8 a
	AMSOL			2.0 % v/v	POST A							
	HELM MSO			1.0 % v/v	POST A							
4	HAI-333	4 SC		32.0 oz/a	POST A		62.5 a	91.3 a	81.3 c	57.5 f	95.5 a	99.0 a
	AMSOL			2.0 % v/v	POST A							
	HELM MSO			1.0 % v/v	POST A							
5	HAI-333	4 SC		32.0 oz/a	POST A		66.3 a	91.3 a	86.3 b	68.8 cde	98.0 a	98.0 a
	CLARIFIER (DICAMBA)	4 SL		8.0 oz/a	POST A							
	AMSOL			2.0 % v/v	POST A							
	HELM MSO			1.0 % v/v	POST A							
6	HAI-333	4 SC		32.0 oz/a	POST A		66.3 a	93.8 a	75.0 d	93.8 a	99.0 a	99.0 a
	RANCOR (METRIBUZIN)	4 F		16.0 oz/a	POST A							
	AMSOL			2.0 % v/v	POST A							
	HELM MSO			1.0 % v/v	POST A							
7	HELMQUAT	3 SL		32.0 oz/a	POST A		71.7 a	93.8 a	95.0 a	98.0 a	99.0 a	99.0 a
	RANCOR (METRIBUZIN)	4 F		16.0 oz/a	POST A							
	HELM MSO			1.0 % v/v	POST A							
8	SHARPEN	5.5 SC		1.0 oz/a	POST A		63.8 a	55.0 c	68.8 e	60.0 ef	55.0 c	99.0 a
	ROUNDUP POWERMAX	5.5 SL		22.0 oz/a	POST A							
	CLARIFIER (DICAMBA)	4 SL		8.0 oz/a	POST A							
	AMSOL			2.0 % v/v	POST A							
	HELM MSO			1.0 % v/v	POST A							
9	REVITON	2.83 SC		1.0 oz/a	POST A		62.5 a	67.5 b	65.0 e	67.5 cde	68.5 b	99.0 a
	ROUNDUP POWERMAX	5.5 SL		22.0 oz/a	POST A							
	CLARIFIER (DICAMBA)	4 SL		8.0 oz/a	POST A							
	AMSOL			2.0 % v/v	POST A							
	HELM MSO			1.0 % v/v	POST A							
10	LIBERTY	2.34 SL		22.0 oz/a	POST A		71.3 a	90.0 a	82.5 bc	70.0 bcd	93.3 a	83.8 b
	REVITON	2.83 SC		1.0 oz/a	POST A							
	AMSOL			2.0 % v/v	POST A							
	HELM MSO			1.0 % v/v	POST A							
11	LIBERTY	2.34 SL		29.0 oz/a	POST A		72.5 a	93.8 a	85.0 bc	72.5 bc	99.0 a	99.0 a
	REVITON	2.83 SC		1.0 oz/a	POST A							
	AMSOL			2.0 % v/v	POST A							
	HELM MSO			1.0 % v/v	POST A							
LSD P=.10							11.36	10.03	4.98	9.12	12.80	3.98
Standard Deviation							9.45	8.36	4.15	7.60	10.66	3.32
CV							16.08	10.71	5.58	11.46	13.11	3.76
Grand Mean							58.79	78.07	74.30	66.27	81.32	88.32
Bartlett's X2^							15.486	23.471*	4.993	11.431	39.30*	35.305*
P(Bartlett's X2)							0.115	0.009*	0.892	0.325	0.00*	0.00*
Replicate F							4.200	0.940	5.846	3.152	0.949	1.852
Replicate Prob(F)							0.0139	0.4334	0.0029	0.0393	0.4295	0.1590
Treatment F							19.117	47.745	162.158	45.023	33.027	319.129
Treatment Prob(F)							0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Missing data estimates are included in columns: Average=1

^Calculated from residual.

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HAI-333 (REVITON ULTRA?) PREPLANT BURNDOWN TEST												
Trial ID: BN-03-24		Study Dir.: BROCK WAGGONER										
Location: PONDER FARM		Investigator: Eric P. Prostko										
Weed Code						Rapra	Cervu	Lamam	Rapra	Lamam	Cervu	
Rating Data Type						Control	Control	Control	Control	Control	Control	
Rating Unit						%	%	%	%	%	%	
Rating Date						Apr-10-24	Apr-10-24	Apr-10-24	Apr-17-24	Apr-17-24	Apr-17-24	
Trt-Eval Interval						20 DA-A	20 DA-A	20 DA-A	27 DA-A	27 DA-A	27 DA-A	
Trt	Treatment	Form	Form	Rate	Grow	Appl	7	8	9	10	11	12
No.	Name	Conc	Type	Rate	Unit	Stg	Code					
1	NTC							0.0 g	0.0 e	0.0 c	0.0 d	0.0 f
2	HELMQUAT	3 SL		32.0 oz/a	POST A			90.0 b	99.0 a	99.0 a	89.8 a	99.0 a
	AATREX	4 L		32.0 oz/a	POST A							
	INDUCE			0.25 % v/v	POST A							
3	HAI-333	4 SC		24.0 oz/a	POST A			50.0 f	82.5 d	93.3 a	38.8 c	65.0 e
	AMSOL			2.0 % v/v	POST A							70.0 d
	HELM MSO			1.0 % v/v	POST A							
4	HAI-333	4 SC		32.0 oz/a	POST A			51.3 ef	94.5 abc	94.8 a	42.5 c	76.8 cde
	AMSOL			2.0 % v/v	POST A							77.5 cd
	HELM MSO			1.0 % v/v	POST A							
5	HAI-333	4 SC		32.0 oz/a	POST A			68.8 c	92.5 bc	92.5 a	65.0 b	85.0 bc
	CLARIFIER (DICAMBA)	4 SL		8.0 oz/a	POST A							83.8 bc
	AMSOL			2.0 % v/v	POST A							
	HELM MSO			1.0 % v/v	POST A							
6	HAI-333	4 SC		32.0 oz/a	POST A			97.0 ab	99.0 a	99.0 a	95.8 a	99.0 a
	RANCOR (METRIBUZIN)	4 F		16.0 oz/a	POST A							
	AMSOL			2.0 % v/v	POST A							
	HELM MSO			1.0 % v/v	POST A							
7	HELMQUAT	3 SL		32.0 oz/a	POST A			99.0 a	99.0 a	99.0 a	96.8 a	99.0 a
	RANCOR (METRIBUZIN)	4 F		16.0 oz/a	POST A							
	HELM MSO			1.0 % v/v	POST A							
8	SHARPEN	5.5 SC		1.0 oz/a	POST A			63.8 cd	96.8 ab	75.0 b	65.0 b	70.0 de
	ROUNDUP POWERMAX	5.5 SL		22.0 oz/a	POST A							87.5 bc
	CLARIFIER (DICAMBA)	4 SL		8.0 oz/a	POST A							
	AMSOL			2.0 % v/v	POST A							
	HELM MSO			1.0 % v/v	POST A							
9	REVITON	2.83 SC		1.0 oz/a	POST A			71.3 c	97.0 ab	77.3 b	67.5 b	67.5 de
	ROUNDUP POWERMAX	5.5 SL		22.0 oz/a	POST A							91.0 ab
	CLARIFIER (DICAMBA)	4 SL		8.0 oz/a	POST A							
	AMSOL			2.0 % v/v	POST A							
	HELM MSO			1.0 % v/v	POST A							
10	LIBERTY	2.34 SL		22.0 oz/a	POST A			58.8 de	91.3 c	98.0 a	63.8 b	78.8 bcd
	REVITON	2.83 SC		1.0 oz/a	POST A							67.5 d
	AMSOL			2.0 % v/v	POST A							
	HELM MSO			1.0 % v/v	POST A							
11	LIBERTY	2.34 SL		29.0 oz/a	POST A			65.0 cd	93.5 bc	99.0 a	60.0 b	89.8 ab
	REVITON	2.83 SC		1.0 oz/a	POST A							83.8 bc
	AMSOL			2.0 % v/v	POST A							
	HELM MSO			1.0 % v/v	POST A							
LSD P=.10							8.37	4.83	7.61	9.61	12.84	10.08
Standard Deviation							6.97	4.02	6.34	8.01	10.70	8.40
CV							10.73	4.68	7.53	12.86	14.19	10.77
Grand Mean							64.98	85.91	84.25	62.25	75.43	78.00
Bartlett's X2^							13.128	17.695	32.916*	17.192	12.914	27.78*
P(Bartlett's X2)							0.217	0.06	0.00*	0.07	0.229	0.002*
Replicate F							2.059	3.044	1.217	5.256	2.229	0.456
Replicate Prob(F)							0.1268	0.0440	0.3207	0.0049	0.1052	0.7151
Treatment F							61.984	206.309	85.055	49.525	27.480	44.799
Treatment Prob(F)							0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Missing data estimates are included in columns: Average=1

^Calculated from residual.

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Trial ID: BN-03-24	Study Dir.: BROCK WAGGONER
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Rating Unit	
% = PERCENT	

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Trial ID: BN-03-24 Study Dir.: BROCK WAGGONER
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	Rating Data Type	Rating Unit	Rating Date	Trt-Eval Interval		RAPRA Control % Mar-28-24 7 DA-A	LAMAM Control % Mar-28-24 7 DA-A	CERVU Control % Mar-28-24 7 DA-A	RAPRA Control % Apr-4-24 14 DA-A	LAMAM Control % Apr-4-24 14 DA-A
Trt Treatment No. Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code Plot	1	2	3	4	5
1 NTC					101	0.0	0.0	0.0	0.0	0.0
					209	0.0	0.0	0.0	0.0	0.0
					301	0.0	0.0	0.0	0.0	0.0
					406	0.0	0.0	0.0	0.0	0.0
					Mean =	0.0	0.0	0.0	0.0	0.0
2 HELMQUAT	3 SL		32.0 oz/a	POST A	102	40.0	95.0	99.0	75.0	99.0
AATREX	4 L		32.0 oz/a	POST A	211	30.0	95.0	95.0	65.0	99.0
INDUCE			0.25 % v/v	POST A	303	35.0	95.0	95.0	75.0	99.0
					405	85.0	95.0	95.0	99.0	99.0
					Mean =	47.5	95.0	96.0	78.5	99.0
3 HAI-333	4 SC		24.0 oz/a	POST A	103	60.0	85.0	75.0	60.0	99.0
AMSOL			2.0 % v/v	POST A	204	50.0	90.0	80.0	50.0	99.0
HELM MSO			1.0 % v/v	POST A	310	60.0	85.0	85.0	55.0	60.0
					407	80.0	90.0	90.0	85.0	95.0
					Mean =	62.5	87.5	82.5	62.5	88.3
4 HAI-333	4 SC		32.0 oz/a	POST A	104	65.0	85.0	75.0	70.0	99.0
AMSOL			2.0 % v/v	POST A	207	55.0	90.0	80.0	50.0	99.0
HELM MSO			1.0 % v/v	POST A	304	65.0	95.0	85.0	60.0	99.0
					410	65.0	95.0	85.0	50.0	85.0
					Mean =	62.5	91.3	81.3	57.5	95.5
5 HAI-333	4 SC		32.0 oz/a	POST A	105	65.0	85.0	80.0	75.0	99.0
CLARIFIER (DICAMBA)	4 SL		8.0 oz/a	POST A	208	65.0	90.0	85.0	60.0	99.0
AMSOL			2.0 % v/v	POST A	306	60.0	95.0	90.0	65.0	99.0
HELM MSO			1.0 % v/v	POST A	402	75.0	95.0	90.0	75.0	95.0
					Mean =	66.3	91.3	86.3	68.8	98.0
6 HAI-333	4 SC		32.0 oz/a	POST A	106	60.0	95.0	75.0	95.0	99.0
RANCOR (METRIBUZIN)	4 F		16.0 oz/a	POST A	203	60.0	95.0	65.0	90.0	99.0
AMSOL			2.0 % v/v	POST A	309	70.0	90.0	85.0	95.0	99.0
HELM MSO			1.0 % v/v	POST A	408	75.0	95.0	75.0	95.0	99.0
					Mean =	66.3	93.8	75.0	93.8	99.0
7 HELMQUAT	3 SL		32.0 oz/a	POST A	107	65.0	95.0	95.0	95.0	99.0
RANCOR (METRIBUZIN)	4 F		16.0 oz/a	POST A	206	75.0	90.0	95.0	99.0	99.0
HELM MSO			1.0 % v/v	POST A	302	75.0	95.0	95.0	99.0	99.0
					403	.	95.0	95.0	99.0	99.0
					Mean =	71.7	93.8	95.0	98.0	99.0
8 SHARPEN	5.5 SC		1.0 oz/a	POST A	108	50.0	60.0	65.0	60.0	65.0
ROUNDUP POWERMAX	5.5 SL		22.0 oz/a	POST A	201	60.0	65.0	65.0	60.0	65.0
CLARIFIER (DICAMBA)	4 SL		8.0 oz/a	POST A	311	65.0	65.0	80.0	60.0	60.0
AMSOL			2.0 % v/v	POST A	409	80.0	30.0	65.0	60.0	30.0
HELM MSO			1.0 % v/v	POST A						
					Mean =	63.8	55.0	68.8	60.0	55.0
9 REVITON	2.83 SC		1.0 oz/a	POST A	109	60.0	65.0	65.0	65.0	65.0
ROUNDUP POWERMAX	5.5 SL		22.0 oz/a	POST A	205	60.0	60.0	60.0	65.0	65.0
CLARIFIER (DICAMBA)	4 SL		8.0 oz/a	POST A	308	65.0	95.0	70.0	75.0	99.0
AMSOL			2.0 % v/v	POST A	411	65.0	50.0	65.0	65.0	45.0
HELM MSO			1.0 % v/v	POST A						
					Mean =	62.5	67.5	65.0	67.5	68.5
10 LIBERTY	2.34 SL		22.0 oz/a	POST A	110	75.0	95.0	85.0	75.0	90.0
REVITON	2.83 SC		1.0 oz/a	POST A	202	70.0	95.0	75.0	70.0	99.0
AMSOL			2.0 % v/v	POST A	305	65.0	85.0	85.0	60.0	85.0
HELM MSO			1.0 % v/v	POST A	401	75.0	85.0	85.0	75.0	99.0
					Mean =	71.3	90.0	82.5	70.0	93.3
11 LIBERTY	2.34 SL		29.0 oz/a	POST A	111	85.0	95.0	80.0	65.0	99.0
REVITON	2.83 SC		1.0 oz/a	POST A	210	75.0	95.0	85.0	65.0	99.0
AMSOL			2.0 % v/v	POST A	307	60.0	90.0	85.0	80.0	99.0
HELM MSO			1.0 % v/v	POST A	404	70.0	95.0	90.0	80.0	99.0
					Mean =	72.5	93.8	85.0	72.5	99.0

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HAI-333 (REVITON ULTRA?) PREPLANT BURNDOWN TEST

Trial ID: BN-03-24 Study Dir.: BROCK WAGGONER
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Rating Data Type Rating Unit Rating Date Trt-Eval Interval							CERVU Control % Apr-4-24 14 DA-A	Rapra Control % Apr-10-24 20 DA-A	Cervu Control % Apr-10-24 20 DA-A	Lamam Control % Apr-10-24 20 DA-A	Rapra Control % Apr-17-24 27 DA-A
Trt	Treatment	Form	Form	Rate	Grow	Appl					
No.	Name	Conc	Type	Rate Unit	Stg	Code Plot	6	7	8	9	10
1	NTC					101	0.0	0.0	0.0	0.0	0.0
						209	0.0	0.0	0.0	0.0	0.0
						301	0.0	0.0	0.0	0.0	0.0
						406	0.0	0.0	0.0	0.0	0.0
						Mean =	0.0	0.0	0.0	0.0	0.0
2	HELMQUAT	3 SL		32.0 oz/a	POST A	102	99.0	85.0	99.0	99.0	85.0
	AATREX	4 L		32.0 oz/a	POST A	211	99.0	90.0	99.0	99.0	85.0
	INDUCE			0.25 % v/v	POST A	303	99.0	90.0	99.0	99.0	90.0
						405	99.0	95.0	99.0	99.0	99.0
						Mean =	99.0	90.0	99.0	99.0	89.8
3	HAI-333	4 SC		24.0 oz/a	POST A	103	99.0	40.0	85.0	85.0	25.0
	AMSOL			2.0 % v/v	POST A	204	99.0	45.0	95.0	99.0	30.0
	HELM MSO			1.0 % v/v	POST A	310	99.0	50.0	70.0	90.0	35.0
						407	90.0	65.0	80.0	99.0	65.0
						Mean =	96.8	50.0	82.5	93.3	38.8
4	HAI-333	4 SC		32.0 oz/a	POST A	104	99.0	50.0	90.0	95.0	30.0
	AMSOL			2.0 % v/v	POST A	207	99.0	45.0	99.0	95.0	30.0
	HELM MSO			1.0 % v/v	POST A	304	99.0	60.0	99.0	99.0	50.0
						410	99.0	50.0	90.0	90.0	60.0
						Mean =	99.0	51.3	94.5	94.8	42.5
5	HAI-333	4 SC		32.0 oz/a	POST A	105	99.0	80.0	95.0	90.0	75.0
	CLARIFIER (DICAMBA)	4 SL		8.0 oz/a	POST A	208	99.0	65.0	95.0	95.0	65.0
	AMSOL			2.0 % v/v	POST A	306	99.0	55.0	90.0	90.0	55.0
	HELM MSO			1.0 % v/v	POST A	402	95.0	75.0	90.0	95.0	65.0
						Mean =	98.0	68.8	92.5	92.5	65.0
6	HAI-333	4 SC		32.0 oz/a	POST A	106	99.0	95.0	99.0	99.0	95.0
	RANCOR (METRIBUZIN)	4 F		16.0 oz/a	POST A	203	99.0	95.0	99.0	99.0	90.0
	AMSOL			2.0 % v/v	POST A	309	99.0	99.0	99.0	99.0	99.0
	HELM MSO			1.0 % v/v	POST A	408	99.0	99.0	99.0	99.0	99.0
						Mean =	99.0	97.0	99.0	99.0	95.8
7	HELMQUAT	3 SL		32.0 oz/a	POST A	107	99.0	99.0	99.0	99.0	90.0
	RANCOR (METRIBUZIN)	4 F		16.0 oz/a	POST A	206	99.0	99.0	99.0	99.0	99.0
	HELM MSO			1.0 % v/v	POST A	302	99.0	99.0	99.0	99.0	99.0
						403	99.0	99.0	99.0	99.0	99.0
						Mean =	99.0	99.0	99.0	99.0	96.8
8	SHARPEN	5.5 SC		1.0 oz/a	POST A	108	99.0	60.0	99.0	75.0	60.0
	ROUNDUP POWERMAX	5.5 SL		22.0 oz/a	POST A	201	99.0	65.0	99.0	80.0	70.0
	CLARIFIER (DICAMBA)	4 SL		8.0 oz/a	POST A	311	99.0	65.0	99.0	85.0	60.0
	AMSOL			2.0 % v/v	POST A	409	99.0	65.0	90.0	60.0	70.0
	HELM MSO			1.0 % v/v	POST A						
						Mean =	99.0	63.8	96.8	75.0	65.0
9	REVITON	2.83 SC		1.0 oz/a	POST A	109	99.0	60.0	99.0	80.0	65.0
	ROUNDUP POWERMAX	5.5 SL		22.0 oz/a	POST A	205	99.0	75.0	99.0	65.0	65.0
	CLARIFIER (DICAMBA)	4 SL		8.0 oz/a	POST A	308	99.0	70.0	95.0	99.0	70.0
	AMSOL			2.0 % v/v	POST A	411	99.0	80.0	95.0	65.0	70.0
	HELM MSO			1.0 % v/v	POST A						
						Mean =	99.0	71.3	97.0	77.3	67.5
10	LIBERTY	2.34 SL		22.0 oz/a	POST A	110	90.0	65.0	90.0	95.0	65.0
	REVITON	2.83 SC		1.0 oz/a	POST A	202	95.0	60.0	95.0	99.0	60.0
	AMSOL			2.0 % v/v	POST A	305	75.0	45.0	95.0	99.0	60.0
	HELM MSO			1.0 % v/v	POST A	401	75.0	65.0	85.0	99.0	70.0
						Mean =	83.8	58.8	91.3	98.0	63.8
11	LIBERTY	2.34 SL		29.0 oz/a	POST A	111	99.0	75.0	90.0	99.0	65.0
	REVITON	2.83 SC		1.0 oz/a	POST A	210	99.0	50.0	95.0	99.0	40.0
	AMSOL			2.0 % v/v	POST A	307	99.0	65.0	99.0	99.0	60.0
	HELM MSO			1.0 % v/v	POST A	404	99.0	70.0	90.0	99.0	75.0
						Mean =	99.0	65.0	93.5	99.0	60.0

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HAI-333 (REVITON ULTRA?) PREPLANT BURNDOWN TEST

Trial ID: BN-03-24 Study Dir.: BROCK WAGGONER
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Rating Data Type Rating Unit Rating Date Trt-Eval Interval							Lamam Control % Apr-17-24 27 DA-A	Cervu Control % Apr-17-24 27 DA-A
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code Plot	11	12
1	NTC					101 209 301 406 Mean =	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0
2	HELMQUAT AATREX INDUCE	3 4	SL L	32.0 oz/a 32.0 oz/a 0.25 % v/v	POST POST POST	A A A 405 Mean =	102 211 303 405 99.0 99.0 99.0 99.0	99.0 99.0 99.0 99.0 99.0
3	HAI-333 AMSOL HELM MSO	4	SC	24.0 oz/a 2.0 % v/v 1.0 % v/v	POST POST POST	A A A 407 Mean =	103 204 310 407 65.0 75.0 60.0 60.0	80.0 75.0 60.0 65.0 70.0
4	HAI-333 AMSOL HELM MSO	4	SC	32.0 oz/a 2.0 % v/v 1.0 % v/v	POST POST POST	A A A 410 Mean =	104 207 304 410 65.0 85.0 92.0 65.0	85.0 75.0 85.0 65.0 77.5
5	HAI-333 CLARIFIER (DICAMBA) AMSOL HELM MSO	4 4	SC SL	32.0 oz/a 8.0 oz/a 2.0 % v/v 1.0 % v/v	POST POST POST POST	A A A A 402 Mean =	105 208 306 402 65.0 95.0 85.0 95.0	95.0 90.0 65.0 85.0 83.8
6	HAI-333 RANCOR (METRIBUZIN) AMSOL HELM MSO	4 4	SC F	32.0 oz/a 16.0 oz/a 2.0 % v/v 1.0 % v/v	POST POST POST POST	A A A A 408 Mean =	106 203 309 408 99.0 99.0 99.0 99.0	99.0 99.0 99.0 99.0 99.0
7	HELMQUAT RANCOR (METRIBUZIN) HELM MSO	3 4	SL F	32.0 oz/a 16.0 oz/a 1.0 % v/v	POST POST POST	A A A 403 Mean =	107 206 302 403 99.0 99.0 99.0 99.0	99.0 99.0 99.0 99.0 99.0
8	SHARPEN ROUNDUP POWERMAX CLARIFIER (DICAMBA) AMSOL HELM MSO	5.5 5.5 4	SC SL SL	1.0 oz/a 22.0 oz/a 8.0 oz/a 2.0 % v/v 1.0 % v/v	POST POST POST POST POST	A A A A A 409 Mean =	108 201 311 409 60.0 95.0 80.0 45.0	95.0 65.0 95.0 95.0 87.5
9	REVITON ROUNDUP POWERMAX CLARIFIER (DICAMBA) AMSOL HELM MSO	2.83 5.5 4	SC SL SL	1.0 oz/a 22.0 oz/a 8.0 oz/a 2.0 % v/v 1.0 % v/v	POST POST POST POST POST	A A A A A 411 Mean =	109 205 308 411 65.0 65.0 85.0 55.0	99.0 85.0 85.0 95.0 91.0
10	LIBERTY REVITON AMSOL HELM MSO	2.34 2.83	SL SC	22.0 oz/a 1.0 oz/a 2.0 % v/v 1.0 % v/v	POST POST POST POST	A A A A 401 Mean =	110 202 305 401 90.0 95.0 70.0 60.0	60.0 75.0 75.0 60.0 67.5
11	LIBERTY REVITON AMSOL HELM MSO	2.34 2.83	SL SC	29.0 oz/a 1.0 oz/a 2.0 % v/v 1.0 % v/v	POST POST POST POST	A A A A 404 Mean =	111 210 307 404 90.0 85.0 85.0 99.0	75.0 85.0 85.0 90.0 83.8

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HAI-333 (REVITON ULTRA?) PREPLANT BURNDOWN TEST	
Trial ID: BN-03-24	Study Dir.: BROCK WAGGONER
Location: PONDER FARM	Investigator: Eric P. Prostko
Rating Unit	
% = PERCENT	