

Western Region 2017 Efficacy Trials-LateSeason Report

47 Projects

Researcher	Project	Pesticide	Commodity	Plan 1st App	Started	Report/WR	Report/HQ	Efficacy Summary
BOLDA	P11794.17-CAP26	PYDIFLUMETOFEN (FTH 545)	CANEBERRY	25-Sep-17				
DAUGOVISH	P12029.17-CAP20	PROMETRYN	SPINACH	10-Mar-17	13-Mar-17	13-Oct-17	13-Oct-17	Caparol applied at 3.2 and 6.4 pts/A (1.6 & 3.2 lbs. ai/a) on a clay loam soil in Vatura County, California showed no negative effects with Bell pepper, Brussel sprouts and Spinach rotational crops at 60, 90 and 120 days after initial treatment. Only Napa Cabbage at the high rate showed some elevated damage at one of the six evaluation intervals in comparison to the control plots. [SF, 10/13/17]
DEFRANCESCO	P11747.17-ORP03	CYFLUMETOFEN	CHERRY	24-May-17	14-Jun-17	12-Sep-17	12-Sep-17	Cyflumetofen applied in 100 GPA with or without Preference and R-11 adjuvants showed no signs of foliage or fruit phytotoxicity throughout the trial conduct. [SF, 9/14/17]
DEFRANCESCO	P11762.17-ORP04	CYFLUMETOFEN	PLUM	17-Jul-17	31-Jul-17			
FELIX	P11620.17-ORP01	FOMESAFEN	ONION	03-Apr-17	23-May-17	17-Oct-17	17-Oct-17	
FENNIMORE	P12029.17-CAP19	PROMETRYN	SPINACH	15-Apr-17	13-Apr-17	12-Oct-17	12-Oct-17	Preliminary Report to HQ: Spinach - Not possible to draw conclusions from 60 day planting but the 90 and 120 day plantings suggest that it is safe to plant spinach >90 days after Caparol application. Napa cabbage, Brussels sprouts and bell pepper – safe to plant 60 days after Caparol application. [SF-10/12/17]
HANSON	P10184.17-CAP28	RIMSULFURON	OLIVE	04-Sep-17				

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HANSON	P11429.17-CAP03	INDAZIFLAM	ASPARAGUS	06-Feb-17	31-Jan-17	17-May-17	31-May-17	No asparagus injury was observed from any treatments at any rating interval. Yield at all harvest intervals was not statistically different among treatments. In this study, indaziflam up to 0.065 lb ai/a (5 fl oz of Alion 200SC) appeared to be safe on asparagus spears with a pre-harvest interval of 30 days and would likely be acceptable in commercial production. [SF, 5/31/17]
HANSON	P11747.17-CAP09	CYFLUMETOFEN	CHERRY	29-Mar-17	20-Apr-17			
HANSON	P11761.17-CAP10	CYFLUMETOFEN	PEACH	10-May-17	30-Jun-17			
HANSON	P11761.17-CAP11	CYFLUMETOFEN	PEACH	12-Apr-17	22-May-17			
HANSON	P11762.17-CAP12	CYFLUMETOFEN	PLUM	24-May-17	20-Jul-17			
HANSON	P11951.17-CAP33	PYROXASULFONE	SESAME	15-Jun-17	15-Jul-17			
HANSON	P12018.17-CAP23	GLUFOSINATE	CANTALOUPE	23-May-17	20-May-17	04-Oct-17	04-Oct-17	Rely @ 24, 48 & 64 oz/A preplant & @ 32 oz and 64oz applied twice post emergent showed no significant phyto or yield reductions. There was some commercially acceptable leaf burn associated with the post treatments. There was also a numerically reduced yield at 64 oz applied preplant. [SF, 10/10/17]
HANSON	P12019.17-CAP24	GLUFOSINATE	CUCUMBER	23-May-17	20-May-17	04-Oct-17	04-Oct-17	Rely applied at 24, 48 & 64 oz/a pre-plant and pre-emergent showed no significant signs of phytotoxicity. Rely at 32 and 64 oz applied at 2 and 4 weeks post emergent show some phytotoxicity associated with foliar contact with plants. The 64 oz Rely pre-plant treatments showed a negative effect on yield compared to the lower rates, but not in comparison to the control. [SF, 10/13/17]

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HANSON	P12020.17-CAP25	GLUFOSINATE	SQUASH (SUMMER)	23-May-17	20-May-17	04-Oct-17	04-Oct-17	Rely applied at 24, 48 & 64 oz/a pre-plant and pre-emergent showed no signs of phytotoxicity. Rely at 32 and 64 oz applied at 2 and 4 weeks post emergent show some phytotoxicity associated with foliar contact with plants. No Rely treatments showed a negative effect on yield. [SF, 10/13/17]
HANSON	P12021.17-CAP21	GLUFOSINATE	TOMATO	24-Apr-17	27-Apr-17	04-Oct-17	04-Oct-17	Rely @ 24, 48 & 64 oz/A preplant & @ 32 oz applied twice post transplant showed no significant phyto or yield reductions. There was a numerically reduced yield at 64 oz applied preplant. [SF, 10/10/17]
HANSON	P12049.17-CAP31	HALOSULFURON	STEVIA (FUTURE:	03-Jul-17	31-Jul-17			
HOLMES	P11920.17-CAP36	FLUAZINAM	STRAWBERRY (NON-BEARING)	01-Aug-17	14-Apr-17	10-Oct-17	10-Oct-17	Fluazinam treatments performed poorly in the Anthracnose trial where % plant mortality was equivalent to inoculated control for Qol resistant Colletotrichum acutatum strains. For Colletotrichum sensitive strains the fluazinam separated from the control, but were not comparable to the Switch standard. [SF, 10/10/17] Omega 500F applied at 20 oz/a had 19.7 % Botrytis infection compared to 20.6 percent for the control and 6.2% for the Merivon treatments. The Omega treatment was not statistically different than either of these comparison treatments. [SF, 10/13/17]

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JOSEPH	P12110.17-CAP37	INSECTICIDE	PRICKLY PEAR CACTUS	01-May-17	19-Jun-17	14-Aug-17	14-Aug-17	At 28 days after application, all the insecticide treated pads had significantly lower number of nymphs than in UTC. After 35 days post application, there was no significant difference in number of nymphs among insecticide treatments. Overall, all the insecticide treatments tested in the trial were effective. Also, none of the insecticide treatments showed evidence of phytotoxicity. [SJ, 8/14/17]
KAWATE	P11712.17-HIP01	FLUPYRADIFURONE	COFFEE	18-May-17	25-May-17			
KUND	P11676.17-CAP07	AFIDOPYROPEN	PEPPER (GH)	06-Feb-17	01-May-17	28-Aug-17	06-Sep-17	The Afidopyropen product at 202ml/A and 404 ml/A showed 100% mortality of the psyllid nymphs by the end of the trial. Agrimek showed higher mortality at 1 DAT, while Afidopyropen was equivalent to the Agrimek at 2 DAT. The chemical standard, Agrimek, showed 100% mortality. No phytotoxicity was observed with any treatments. [SF, 9/6/17]
KUND	P11676.17-CAP08	AFIDOPYROPEN	PEPPER (GH)	17-Mar-17	05-Feb-17	07-Apr-17	30-May-17	Afidopyropen after 2-3 days had a significant impact on the Western (California) potato psyllid haplotype survivorship. After 14 days, a high level of mortality was achieved at the higher rate and nearly 100% at the low rate. Additionally, nymphs that eclosed after the spray treatments had a reduction in development and in most cases died before reaching adult. [SF, 5/30/17]

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KUND	P11677.17-CAP05	AFIDOPYROPEN	TOMATO (GH)	27-Feb-17	14-Jul-17	28-Aug-17	06-Sep-17	There were significant differences between the treatments, and the Afidopyropen at 202 mls/A and 404 mls/A with Silwet .125% v/v, showed nearly 100% mortality of the psyllid nymphs. The chemical standard, Agrimek, showed 100% mortality. No phytotoxicity was observed but the control with Silwet at 0.125% v/v also had a high rate of mortality. It appears that Silwet is toxic to 1st and 2nd instar nymphs. [SF, 9/6/17]
KUND	P11677.17-CAP06	AFIDOPYROPEN	TOMATO (GH)	11-Apr-17	20-Feb-17	07-Apr-17	30-May-17	Afidopyropen after 2-3 days had a significant impact on the Central (Texas) potato psyllid haplotype survivorship. After 14 days nearly 100 % mortality was achieved at the low and high rate. Additionally, nymphs that eclosed after the spray treatments had a reduction in development and in most cases died before reaching adult. [SF, 5/30/17]
LEWIS	P11450.17-CAP01	CYFLUMETOFEN	TOMATO (GH)	01-May-17	18-May-17	08-Aug-17		A crop safety trial using two varieties of small fruited tomatoes, Appero and Golden Sweet, showed no phytotoxicity when applied twice at 13.7 oz/a and 27.4 oz/a with 2 fl oz of Latron B-1956 added as a spray adjuvant. Evaluations at 3 & 7 DAA#1, and 3, 7 & 14 DAA#2 showed no signs of phytotoxicity. [SF, 8/8/17]
LEWIS	P11451.17-CAP02	CYFLUMETOFEN	PEPPER (GH)	01-May-17	04-Jun-17	08-Aug-17	08-Aug-17	A crop safety trial using two varieties of small peppers, Sweet Reds and Jalapenos, showed no phytotoxicity when applied twice at 13.7 oz/a and 27.4 oz/a with 2 fl oz of Latron B-1956 added as a spray adjuvant. Evaluations at 3 & 7 DAA#1, and 3, 7 & 14 DAA#2 showed no signs of phytotoxicity. [SF, 8/8/17]
LEWIS	P11680.17-CAP13	AFIDOPYROPEN	STRAWBERRY (GH)	01-May-17				

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LEWIS	P11725.17-CAP14	FLUPYRADIFURONE	SESAME	01-May-17	07-Jul-17			
LEWIS	P11890.17-CAP27	CYFLUMETOFEN	STRAWBERRY (GH)	01-May-17				
MICHAILIDES	P11754.17-CAP16	FLUXAPYROXAD + PYRACLOSTROBIN	POMEGRANATE	06-Apr-17	11-Apr-17			
ORLOFF	P11986.17-CAP32	ISM-555	ONION		22-Jul-17			
PEACHEY	P11857.17-ORP02	FOMESAFEN	ONION (GREEN)	01-May-17	30-May-17			
PERRING	P11831.17-CAP17	FLUPYRADIFURONE	DATE	15-May-17				
RIOS	P10240.17-CAP29	GLUFOSINATE	AVOCADO	22-Dec-16	17-Dec-16			
RIOS	P10240.17-CAP30	GLUFOSINATE	AVOCADO	22-Dec-16	17-Dec-16			
SALISBURY	P11755.17-ORP05	FLUPYRADIFURONE	GRASSES (SEED CROP)	21-Oct-17				
SMITH	P12022.17-CAP22	GLUFOSINATE	PEPPER (BELL & NONBELL)	01-May-17	04-May-17			
STODDARD	P10558.17-CAP34	GLUFOSINATE	SWEET POTATO	24-Apr-17	02-May-17			
STODDARD	P10558.17-CAP35	GLUFOSINATE	SWEET POTATO	01-May-17	08-May-17			
STODDARD	P11889.17-CAP18	DIQUAT	SWEET POTATO	01-May-17	01-Jun-17			
TURNER	P11725.17-CAP15	FLUPYRADIFURONE	SESAME		25-Jul-17			
TURNER	P11857.17-CAP04	FOMESAFEN	ONION (GREEN)	12-Apr-17				
VANDERWOUDE	P11915.17-HIP02	METAFLUMIZONE	TROPICAL & SUBTROPICAL FRUITS, EDIBLE PE	01-Apr-17				
VANDERWOUDE	P11915.17-HIP03	METAFLUMIZONE	TROPICAL & SUBTROPICAL FRUITS, EDIBLE PE	01-Apr-17				
WALSH	P11747.17-WAP02	CYFLUMETOFEN	CHERRY	07-Jun-17	07-Jun-17			
WALTERS	P11794.17-WAP01	PYDIFLUMETOFEN (FTH 545)	CANEBERRY	25-Jun-17				
Totals:				45	37	17	16	