

Study	Employer ID	Worker ID	MU	Gender	Age	Height (in)	Weight (lbs)	Height (cm)	Weight (kg)	Years of Experience	Employment Type	Date
AHE600	10236	610-02	1	Female	55	60.5	147.8	153.67	67.0408976	10	Facility employee	10/10/2013
AHE600	10169	610-3	2	Male	47	63	181.6	160.02	82.3723072	6	Facility employee	10/30/2013
AHE600	4150	604-1	4	Male	31	71	183	180.34	83.007336	3	Facility operator	11/20/2013
AHE600	4375	604-3	5	Female	45	66	155.8	167.64	70.6696336	25	Facility employee	11/22/2013
AHE600	4548	604-4	6	Male	45	75	255.2	190.5	115.7566784	30	Facility employee	12/11/2013
AHE600	9259	609-1	7	Male	47	65	159.6	165.1	72.3932832	20	Facility employee	1/28/2015
AHE600	7373	607-1	8	Female	34	65	174	165.1	78.925008	6	Facility employee	3/8/2015
AHE600	8226	608-1	9	Male	22	65	120.2	165.1	54.5217584	1	Facility employee	3/9/2015
AHE600	3090	603-1	10	Male	33	67	127.5	170.18	57.83298	10	Facility employee	3/26/2015
AHE600	8095	608-4	12	Male	53	71	249	180.34	112.944408	22	Facility employee	4/25/2015
AHE600	3118	603-02	13	Female	40	67	148	170.18	67.131616	15	Facility employee	4/30/2015
AHE600	5741	605-01	14	Male	34	63	123.4	160.02	55.9732528	30	Facility employee	6/5/2015
AHE600	6228	606-02	16	Male	59	67	195	170.18	88.45044	40	Facility owner	10/7/2015
AHE600	15082	605-2	17	Male	59	65	162.4	165.1	73.6633408	20	Facility owner	2/10/2016
AHE600	7442	607-2	18	Male	39	68	160	172.72	72.57472	22	Facility operator	9/7/2016
AHE600	70053	607-03	19	Male	27	70	208.8	177.8	94.7100096	1	Facility employee	9/8/2016
AHE600	11303	601-02	20	Male	60	72	201.6	182.88	91.4441472	42	Facility owner	10/5/2016
AHE600	11373	601-01	21	Male	49	69	224	175.26	101.604608	30	Facility owner	10/12/2016
AHE600	6390	606-2	22	Male	60	73	189	185.42	85.728888	40	Facility owner	11/2/2016
AHE600	16120	605-03	23	Male	56	69	302.2	175.26	137.0755024	9	Facility owner	2/1/2017
AHE600	980712	608-05	24	Female	63	61.5	135.5	156.21	61.461716	26	Facility owner	2/28/2017
AHE600	981020	608-06	25	Female	50	65	193	165.1	87.543256	25	Facility owner	3/3/2017
AHE600	930939	604-05	26	Male	28	73	186.5	185.42	84.594908	6	Facility owner	3/8/2017
AHE600	931143	603-06	27	Male	46	71	194.8	180.34	88.3597216	20	Facility owner	3/25/2017
AHE600	931170	602-03	28	Male	60	72	184	182.88	83.460928	35	Facility owner	4/5/2017
AHE600	6204	606-04	29	Male	53	71	247	180.34	112.037224	15	Facility operator	4/13/2017
AHE600	2190	602-4	30	Male	40	75	235	190.5	106.59412	15	Facility operator	4/21/2017

Worker ID	MU	City	County	State	Surrogate	Formulation	Facility
610-02	1	Salem	Marion	OR	imidacloprid	Liquid	Closed
610-3	2	Dayton	Yamhill	OR	thiophanate-methyl	Liquid	Open
604-1	4	Apopka	Orange	FL	fosetyl-Al	DF/WDG	Closed
604-3	5	Ocala	Marion	FL	thiophanate-methyl	Liquid	Open
604-4	6	Dunnellon	Marion	FL	chlorothalonil	DF/WDG	Closed
609-1	7	Troup	Cherokee	TX	chlorothalonil	Liquid	Closed
607-1	8	Kalamazoo	Kalamazoo	MI	azoxystrobin	DF/WDG	Closed
608-1	9	Grant Park	Kankakee	IL	azoxystrobin	DF/WDG	Closed
603-1	10	Greensboro	Guilford	NC	azoxystrobin	DF/WDG	Closed
608-4	12	Plano	Kendal	IL	chlorothalonil	Liquid	Closed
603-02	13	Nebo	McDowell	NC	thiophanate-methyl	Liquid	Closed
605-01	14	Wellington	West Palm Beach	FL	acephate	DF/WDG	Open
606-02	16	Erie	Erie	PA	imidacloprid	Liquid	Open
605-2	17	Miami	Miami-Dade	FL	azoxystrobin	Liquid	Open
607-2	18	Mattawan	Van Buren	MI	azoxystrobin	DF/WDG	Closed
607-03	19	Dowagiac	Berrien	MI	thiophanate-methyl	Liquid	Closed
601-02	20	Bridgewater	Plymouth	MA	chlorothalonil	Liquid	Open
601-01	21	Newton	Rockingham	NH	imidacloprid	Liquid	Closed
606-2	22	Medina	Medina	OH	azoxystrobin	DF/WDG	Closed
605-03	23	Dothan	Houston	AL	chlorothalonil	Liquid	Open
608-05	24	Alma	Lafayette	MO	imidacloprid	Liquid	Closed
608-06	25	Reedsville	Manitowoc	WI	mefenoxam	Liquid	Closed
604-05	26	Ridgeville	Dorchester	SC	chlorothalonil	Liquid	Open
603-06	27	Rockwood	Cumberland	TN	imidacloprid	Liquid	Closed
602-03	28	Farmville	Prince Edward	VA	imidacloprid	Liquid	Closed
606-04	29	Groveport	Franklin	OH	mefenoxam	Liquid	Closed
602-4	30	Pompton Plains	Morris	NJ	azoxystrobin	DF/WDG	Closed

Worker ID	MU	Loads Mixed	Total Gallons Mixed	Total Gallons Sprayed	AaiH	Dermal Monitoring Time (min)	Inhalation Monitoring Time (min)	Dermal Monitoring Time (hr)	Inhalation Monitoring Time (hr)	FF Adjusted Residues	WBD LA (µg)	WBD UA (µg)
610-02	1	3	80	80	0.071	291	291	4.9	4.9	Yes	0.075	0.075
610-3	2	3	450	450	3.292	511	511	8.5	8.5	Yes	1023	76.5
604-1	4	3	150	147.5	2.946	179	179	3.0	3.0	Yes	2.1	0.50
604-3	5	3	150	150	0.767	185	185	3.1	3.1	Yes	24.6	44.9
604-4	6	3	300	300	4.200	127	127	2.1	2.1	Yes	24.9	14.5
609-1	7	3	150	150	1.650	144	144	2.4	2.4	Yes	62	13.3
607-1	8	3	149	149	0.158	161	161	2.7	2.7	Yes	2.9	2.9
608-1	9	3	100	100	0.126	154	154	2.6	2.6	Yes	9.2	11.7
603-1	10	3	472	472	0.302	407	407	6.8	6.8	Yes	3.3	2.2
608-4	12	3	105	98	0.975	188	188	3.1	3.1	Yes	16.3	1.5
603-02	13	3	180	180	0.919	192	192	3.2	3.2	Yes	28.2	43.7
605-01	14	3	450	450	5.850	222	222	3.7	3.7	Yes	83.5	59.1
606-02	16	4	165	165	0.044	271	271	4.5	4.5	Yes	7.3	2.3
605-2	17	3	600	600	0.966	453	453	7.6	7.6	Yes	4	0.5
607-2	18	6	120	120	0.183	120	120	2.0	2.0	Yes	1.2	1.6
607-03	19	3	85	85	0.445	91	91	1.5	1.5	Yes	65.1	38.9
601-02	20	1	40	40	0.771	125	125	2.1	2.1	Yes	34.7	6.9
601-01	21	2	100	100	0.027	142	142	2.4	2.4	Yes	2.5	0.5
606-2	22	1	50	50	0.068	74	74	1.2	1.2	Yes	1.4	1.4
605-03	23	3	150	150	1.535	156	156	2.6	2.6	Yes	17.6	14.1
608-05	24	1	15	15	0.004	74	74	1.2	1.2	Yes	0.5	0.5
608-06	25	1	15	15	0.002	117	117	2.0	2.0	Yes	6.7	1.3
604-05	26	2	200	190	3.082	269	269	4.5	4.5	Yes	128	35
603-06	27	3	95	95	0.025	117	117	2.0	2.0	Yes	0.5	0.5
602-03	28	1	25	24	0.007	167	167	2.8	2.8	Yes	1	0.5
606-04	29	1	50	50	0.008	75	75	1.3	1.3	Yes	13.9	1.8
602-4	30	1	50	35	0.061	36	36	0.6	0.6	Yes	0.095	0.095

Worker ID	MU	WBD FT (µg)	WBD RT (µg)	WBD LL (µg)	WBD UL (µg)	WBD Total (µg)	Total Hands (µg)	# HWs	Socks (µg)	Footwear	CR apron
610-02	1	0.5	0.5	0.075	0.5	1.7	0.65	2	0.025	Rubber	No
610-3	2	854	622	357	353	3286	90	6	4.7	Rubber	No
604-1	4	1.9	0.18	0.18	0.18	5.0	43.8	2	0.31	Sport	No
604-3	5	253	54.3	101	58.7	537	17.8	1	13.7	Sport	No
604-4	6	40.5	9.6	5.7	5	100	2.9	1	4.9	Leather	No
609-1	7	80.1	19.8	15.4	25.6	216	11.4	1	48.4	Leather	No
607-1	8	7.7	4.1	0.5	5.5	23.6	1.3	1	0.13	Rubber	No
608-1	9	17.7	39.4	6.5	41	126	8.8	1	0.02	Leather	No
603-1	10	4.6	4	0.5	2.5	17.1	1.6	2	0.61	Leather	No
608-4	12	7.3	2.1	0.5	6.2	33.9	0.5	1	0.038	Rubber	No
603-02	13	9.4	8.8	34.6	40.1	165	14.7	2	7.5	Rubber	Yes
605-01	14	46.4	24	1.4	1.5	216	14.8	1	2.3	Rubber	No
606-02	16	2.6	12.4	2.6	8.7	35.9	0.5	1	2.3	Rubber	No
605-2	17	2	0.5	11.6	5.4	24	91.6	3	0.24	Rubber	Yes
607-2	18	3.3	1.9	0.5	0.5	9	1.1	1	0.13	Sport	No
607-03	19	53.1	64.5	20.2	17.9	260	21.8	1	4.7	Leather	Yes
601-02	20	11	20.7	15.8	11.3	100	131	1	2.8	Rubber	No
601-01	21	3.9	0.5	0.5	0.5	8.4	13.2	2	0.35	Sport	No
606-2	22	3	0.5	0.095	0.095	6.5	0.5	1	0.13	Sport	No
605-03	23	98	10.8	4.7	115	260	23.3	1	10.6	Leather	No
608-05	24	0.5	0.5	0.5	0.075	2.6	0.15	1	0.13	Sport	No
608-06	25	0.075	0.5	0.5	0.5	9.6	0.5	1	0.13	Rubber	No
604-05	26	2426	88.3	54.7	88	2820	868	3	8.1	Rubber	No
603-06	27	0.5	0.5	0.5	0.5	3	15.2	2	0.13	Leather	No
602-03	28	0.92	0.5	0.5	0.5	3.9	0.5	1	0.13	Rubber	No
606-04	29	1.1	0.075	4.1	0.075	21.1	3	1	0.025	Leather	No
602-4	30	0.5	0.095	0.095	0.095	0.98	0.13	1	0.02	Leather	No

Worker ID	MU	Face PPE Worn	PPE Adjustment Factor	Head PPE Worn	PPE-Adjusted Face/Neck (µg)	Inner head patch (µg)	Outer head patch (µg)	Total of Head without CR hat (µg)
610-02	1	None	1	None	0.15			0.24
610-3	2	Protective eyewear and half-face respirator	1.1	None	11.5			20.4
604-1	4	Goggles and half-face respirator	1.4	None	2.4			5.5
604-3	5	None	1	CR Hat	30.7	1.8	18.9	233.7
604-4	6	Goggles and half-face respirator	1.2	None	15.9			30.7
609-1	7	Goggles and dust/mist mask	1.3	None	45.8			95.8
607-1	8	None	1	None	2.2			3.5
608-1	9	Dust/mist mask	1.1	CR Hat	2.4	0.5	13.7	169.6
603-1	10	None	1	None	2.5			4
608-4	12	Goggles and half-face respirator	1.1	None	1.3			2.3
603-02	13	Dust/mist mask	1.1	None	2.3			4
605-01	14	Goggles and dust/mist mask	1.3	CR Hat	3.9	0.25	50.9	617.1
606-02	16	Goggles and half-face respirator	1.4	CR Hat	0.5	0.5	29.8	360.7
605-2	17	Half-face respirator	1.2	None	17.5			33.8
607-2	18	None	1	None	0.5			0.8
607-03	19	None	1	None	1.3			2.1
601-02	20	None	1	None	4			6.4
601-01	21	None	1	None	1.6			2.6
606-2	22	None	1	None	0.5			0.8
605-03	23	Goggles	1.1	None	3.9			6.9
608-05	24	Goggles and half-face respirator	1.4	CR Hat	0.15	0.05	0.5	5.61
608-06	25	None	1	None	0.15			0.24
604-05	26	Goggles and half-face respirator	1.4	None	86.2			195
603-06	27	None	1	CR Hat	0.15	3.8	15.2	205.15
602-03	28	Goggles and half-face respirator	1.4	CR Hat	0.15	7.1	7.8	136.21
606-04	29	None	1	None	0.15			0.24
602-4	30	None	1	None	0.025			0.04

Worker ID	MU	Total of Head with CR hat (µg)	TDE (µg)	TDE without CR Hat (ug)	TDE with CR Hat (ug)	Mostly ND-DermalWBD	MEA: hands	MEA: F/N	MEA: HW + F/N
610-02	1		2.6			Yes	25%	9%	31%
610-3	2		3401			No	3%	1%	3%
604-1	4		54.6			Yes	80%	10%	85%
604-3	5	39.9		803	608	No	2%	4%	6%
604-4	6		139			No	2%	11%	14%
609-1	7		372			No	3%	12%	15%
607-1	8		28.5			No	5%	8%	12%
608-1	9	5.6		305	140	No	3%	1%	4%
603-1	10		23.3			No	7%	11%	18%
608-4	12		36.7			No	1%	4%	5%
603-02	13		191			No	8%	1%	9%
605-01	14	6.6		850	240	No	2%	0%	2%
606-02	16	3.7		400	42.4	No	0%	0%	0%
605-2	17		150			No	61%	12%	73%
607-2	18		11			No	10%	5%	15%
607-03	19		289			No	8%	0%	8%
601-02	20		240			No	55%	2%	56%
601-01	21		24.6			No	54%	7%	60%
606-2	22		7.9			No	6%	6%	13%
605-03	23		301			No	8%	1%	9%
608-05	24	0.47		8.5	3.4	Yes	2%	2%	4%
608-06	25		10.5			Yes	5%	1%	6%
604-05	26		3891			No	22%	2%	25%
603-06	27	22.95		223	41.3	Yes	7%	0%	7%
602-03	28	42.71		141	47.2	Yes	0%	0%	0%
606-04	29		24.4			No	12%	1%	13%
602-4	30		1.2			Yes	11%	2%	13%

Worker ID	MU	TDE (ug/lb ai-handled) - All MUs, No CR Hat	MEA TDE (ug) - All MUs, No CR Hat	TDE (ug/lb ai-handled) - All MUs, With CR Hat when OH	nTDE (ug/lb ai-handled) - No OH	nTDE (ug/lb ai-handled)	nTDE without CR Hat (µg/lb ai) - With OH	nTDE with CR Hat (µg/lb ai)	MEA nTDE (ug/lb ai-handled) - All MUs, no CR Hat
610-02	1	2.6	3.51	2.6	36.6	36.6			49
610-3	2	3401	3511.50	3401	1033	1033			1067
604-1	4	54.6	103.91	54.6	18.5	18.5			35
604-3	5	803	850.70	608			1047	792	1109
604-4	6	139	172.10	139	33.1	33.1			41
609-1	7	372	478.80	372	225	225			290
607-1	8	28.5	33.33	28.5	180	180			211
608-1	9	305	315.62	140			2428	1114	2512
603-1	10	23.3	28.91	23.3	77.3	77.3			96
608-4	12	36.7	39.54	36.7	37.6	37.6			41
603-02	13	191	209.90	191	208	208			229
605-01	14	850	868.90	240			145	41	149
606-02	16	400	400.40	42.4			9075	962	9084
605-2	17	150	275.04	150	155	155			285
607-2	18	11	12.93	11	60.1	60.1			71
607-03	19	289	312.50	289	649	649			702
601-02	20	240	377.60	240	311	311			490
601-01	21	24.6	40.35	24.6	925	925			1518
606-2	22	7.9	9.23	7.9	117	117			137
605-03	23	301	331.00	301	196	196			216
608-05	24	8.5	8.79	3.4			2138	855	2211
608-06	25	10.5	11.21	10.5	4500	4500			4804
604-05	26	3891	4954.10	3891	1262	1262			1607
603-06	27	223	238.83	41.3			8746	1620	9367
602-03	28	141	141.39	47.2			21198	7096	21257
606-04	29	24.4	27.61	24.4	3200	3200			3621
602-4	30	1.2	1.34	1.2	19.6	19.6			22

Worker ID	MU	nTDE (ug/lb ai handled) - All MUs, No CR Hat	nTDE (ug/lb ai handled) - All MUs, With CR Hat when OH	Total Inhalation Residue - Adjusted (µg)	Mean Pump Flow Rate (L/min)	Assumed Breathing Rate (L/min)	Total Inhalation Exposure (µg/MU)	Normalized Inhalation Exposure (µg/lb ai)
610-02	1	36.6	36.6	0.86	1.997	16.7	7.18	101
610-3	2	1033	1033	0.0255	1.988	16.7	0.214	0.065
604-1	4	18.5	18.5	19.0	1.9925	16.7	159	54.0
604-3	5	1047	792	0.141	1.873	16.7	1.26	1.64
604-4	6	33.1	33.1	0.635	2.01	16.7	5.28	1.26
609-1	7	225	225	18.79	1.974	16.7	159	96.4
607-1	8	180	180	4.78	2.0165	16.7	39.5	250
608-1	9	2428	1114	6.08	2.01	16.7	50.5	402
603-1	10	77.3	77.3	2.09	2.0265	16.7	17.2	57
608-4	12	37.6	37.6	0.662	2.0515	16.7	5.39	5.53
603-02	13	208	208	0.0387	1.953	16.7	0.331	0.36
605-01	14	145	41	1.8	1.9875	16.7	15.1	2.58
606-02	16	9075	962	1.52	2.0255	16.7	12.5	284
605-2	17	155	155	1.71	1.999	16.7	14.3	14.8
607-2	18	60.1	60.1	1.4	1.9745	16.7	11.9	65
607-03	19	649	649	0.0279	1.9975	16.7	0.233	0.523
601-02	20	311	311	0.0802	1.97	16.7	0.68	0.882
601-01	21	925	925	1.13	1.9325	16.7	9.78	368
606-2	22	117	117	0.556	1.9115	16.7	4.86	72.0
605-03	23	196	196	1.76	1.8875	16.7	15.6	10.2
608-05	24	2138	855	0.244	2.018	16.7	2.02	508
608-06	25	4500	4500	0.0316	2.0165	16.7	0.261	112
604-05	26	1262	1262	4.72	2.0235	16.7	39	12.7
603-06	27	8746	1620	0.0444	1.998	16.7	0.367	14.4
602-03	28	21198	7096	0.357	2.011	16.7	2.97	447
606-04	29	3200	3200	0.0566	2.009	16.7	0.47	61.6
602-4	30	19.6	19.6	0.012	2.0425	16.7	0.0982	1.6