

## Rodent outbreak events in Myanmar (2007-2010) – compiled by Ms Nyo Me Htwe

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Year	State /Division	Township	Crop	Total rats killed	Rat population /ha	Rodent species	Main driver for outbreaks/ Timeline of rat campaigns
2007-2009	Chin	Paletwa	Upland rice				Bamboo flowering
		Teetain	Upland rice and maize				Bamboo flowering
		Htantalang	Upland rice and maize				Bamboo flowering
		Phalum	Upland rice and maize				Bamboo flowering
		Hakha	Upland rice and maize				Bamboo flowering
		Toozang	Upland rice				Bamboo flowering
<b>Total</b>	<b>Chin</b>	<b>6</b>		<b>337000</b>	<b>N/A</b>	<b><i>Rattus rattus</i></b>	<b>From 2007-2009</b>
2009	Ayeyarwaddy	Bogale		1068084	8.25		1) Asynchrony planting 2) Poor crop management
		Phyapone		57522	0.92		1) Asynchrony planting 2) Poor crop management
		Dadaye		76086	1.91		1) Asynchrony planting 2) Poor crop management
		Laputta		1467238	11.39		1) Asynchrony planting 2) Poor crop management
		Mawkyun		150667	N/A		1) Asynchrony planting 2) Poor crop management
<b>Total</b>	<b>Ayeyarwaddy</b>	<b>5</b>	<b>Monsoon rice</b>	<b>2819597</b>		<b>???</b> <b><i>Bandicota saveili,</i></b> <b><i>B. indica,</i></b> <b><i>R. rattus</i></b> <b><i>B. bengalensis</i></b>	<b>From July-October 2009</b>
2010	Ayeyarwaddy	Bogale		462836	11.23		1) Asynchrons planting 2) Poor crop management
		Phyapone		137545	7.24		1) Asynchrons planting 2) Poor crop management
		Dadaye		151853	8.69		1) Asynchrons planting 2) Poor crop management
		Laputta		N/A	N/A		1) Asynchrons planting

							2) Poor crop management
<b>Total</b>	<b>Ayeyarwaddy</b>	<b>4</b>	<b>Summer rice</b>	<b>752234</b>		<b>???</b> <b>Bandicota saveili,</b> <b>B. indica,</b> <b>R. rattus</b> <b>B. bengalensis</b>	<b>From November-May 2010</b>
2010	Ayeyarwaddy	Bogale		68157	0.53		1) Asynchrony planting 2) Poor crop management
		Phyapone		3340	0.05		1) Asynchrony planting 2) Poor crop management
		Dadaye		41416	1.04		1) Asynchrony planting 2) Poor crop management
		Laputta		N/A	N/A		1) Asynchrony planting 2) Poor crop management
<b>Total</b>	<b>Ayeyarwaddy</b>	<b>4</b>	<b>Monsoon rice</b>	<b>112913</b>		<b>???</b> <b>Bandicota saveili,</b> <b>B. indica,</b> <b>R. rattus</b> <b>B. bengalensis</b>	<b>From June-July 2010</b>
2010	Ayeyarwaddy	Myan Aung		5000	N/A		Bamboo Flowering?
		Kyan Khin		1400	N/A		Bamboo Flowering?
	<b>Total</b>	<b>2</b>	<b>Groundnut</b>	<b>6400</b>		<b>R. rattus</b>	<b>June 14-Jun24, 2010</b>
2010	East Bago	Kyauk Takha	Monsoon rice	2383	N/A		Not clear
		Bago	Summer Rice	170	N/A		Not clear
		Yetar She	Monsoon rice	1420	N/A		Not clear
		Dike Oo	Monsoon rice	150	N/A		Not clear
		Oat Twin	Monsoon rice	900	N/A		Not clear
		Phyu	Monsoon rice	100	N/A		Not clear
		Taung Gu	Monsoon rice	5850	N/A		Not clear
<b>Total</b>	<b>East Bago</b>	<b>7</b>		<b>10973</b>		<b>R. rattus</b>	<b>June 21-July 7,2010</b>
2010	West Bago	Pa Daung	Summer Rice	N/A	N/A	<b>R. rattus</b>	Bamboo Flowering?? From June 14, 2010
2010	Chin	Min Tat	Upland Rice	N/A	N/A	<b>R. rattus</b>	Bamboo Flowering?

Source- Plant Protection Division, Myanmar Agriculture Service, MOAI, Myanmar (July 2010)