

**“Programa de trabajo de la Campaña contra trips oriental (*Thrips palmi* Karny), a operar con recursos del Subcomponente de Sanidad Vegetal del Programa de Prevención y Manejo de Riesgos 2013, en el Estado de Yucatán”.**



2013

04569

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# 1. JUSTIFICACIÓN

## 1.1. Importancia económica de los cultivos

**IMPORTANCIA ECONÓMICA DEL CULTIVO  
PROGRAMA 2013  
COMITÉ ESTATAL DE SANIDAD VEGETAL  
ESTADO: YUCATAN  
CAMPAÑA CONTRA TRIPS ORIENTAL  
Exploración y Muestreo**

ULTIVO	MUNICIPIO	NUMERO DE PRODUCTORES	SUPERFICIE (HAS)	PRODUCCIÓN (TON)	VALOR DE LA PRODUCCIÓN	COSTO DE PRODUCCIÓN	COSTOS FITOSANITARIOS
BERENJENA	MANI	3	4.78	129.06	290,385.00	223,522.21	24,506.10
	OXKUTZCAB	20	3.46	103.80	259,500.00	17,214.14	7,670.13
	SINANCHE	1	0.16	0.00	0.00	0.00	0.00
	TEKAX	5	61.46	2,676.92	6,841,029.05	17,607,861.69	2,828,826.25
	TIZIMIN	1	1.56	46.80	117,000.00	22,616.78	3,723.84
<b>Total Estado</b>		<b>30</b>	<b>71.42</b>	<b>2,956.58</b>	<b>7,507,914.05</b>	<b>17,871,214.82</b>	<b>2,864,726.32</b>
<b>Total Cultivo</b>		<b>30</b>	<b>71.42</b>	<b>2,956.58</b>	<b>7,507,914.05</b>	<b>17,871,214.82</b>	<b>2,864,726.32</b>
CACAHUATE	MUNA	1	0.90	0.00	0.00	0.00	0.00
	<b>Total Estado</b>	<b>1</b>	<b>0.90</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
	<b>Total Cultivo</b>	<b>1</b>	<b>0.90</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
CALABACITA	TEKAX	1	140.00	4,760.00	14,280,000.00	29,607,666.67	7,298,666.67
	TIZIMIN	1	1.00	0.00	0.00	0.00	0.00
	<b>Total Estado</b>	<b>2</b>	<b>141.00</b>	<b>4,760.00</b>	<b>14,280,000.00</b>	<b>29,607,666.67</b>	<b>7,298,666.67</b>
<b>Total Cultivo</b>	<b>2</b>	<b>141.00</b>	<b>4,760.00</b>	<b>14,280,000.00</b>	<b>29,607,666.67</b>	<b>7,298,666.67</b>	
CALABAZA	CANSAHCAB	4	3.36	47.38	180,028.80	14,456.06	6,042.62
	CANTAMAYEC	3	2.66	39.90	159,600.00	70,449.39	23,490.99
	CHEMAX	7	0.70	10.50	42,000.00	1,325.32	472.75
	CHIKINDZONOT	1	0.80	12.00	48,000.00	16,025.60	6,118.40
	DZIDZANTUN	6	3.16	47.40	94,800.00	29,482.80	13,050.80
	DZILAM GONZALEZ	1	4.64	69.60	139,200.00	229,067.52	101,671.68
	ESPITA	1	0.08	1.20	4,800.00	2,720.80	1,488.00
	HALACHO	4	1.84	27.60	55,200.00	4,128.96	1,832.64
	HUNUCMA	11	19.48	264.93	558,150.31	228,958.57	96,811.96
	MANI	5	3.28	49.20	196,800.00	51,213.92	17,423.36
	MERIDA	3	2.42	36.30	72,600.00	19,006.68	8,436.12
	MOCOCHA	1	0.60	9.00	18,000.00	8,078.40	3,585.60
	MUNA	16	25.88	349.38	648,848.57	197,881.44	87,640.03
	OXKUTZCAB	44	18.68	280.20	1,120,800.00	156,128.10	55,964.92
	SANTA ELENA	1	0.50	7.50	15,000.00	5,610.00	2,490.00
	SINANCHE	8	5.64	80.97	161,948.56	26,201.18	11,203.30
	SOTUTA	1	0.08	0.00	0.00	0.00	0.00
	TAHDZIU	4	2.90	43.50	174,000.00	46,677.12	16,752.72
	TEKAX	26	98.54	1,680.51	6,540,349.55	8,470,285.87	2,648,007.36
	TELCHAC PUEBLO	1	0.12	1.80	3,600.00	323.14	143.42
	TEMAX	1	0.28	4.20	8,400.00	1,759.30	780.86
TEYA	2	1.20	18.00	36,000.00	8,524.80	2,534.40	
TICUL	8	8.70	130.50	512,678.57	167,816.61	51,576.58	
TIMUCUY	1	7.00	78.75	118,125.00	117,810.00	52,290.00	
TIXMEHUAC	16	13.90	208.50	965,684.21	1,137,475.19	946,932.38	
TIZIMIN	11	6.40	99.20	396,800.00	144,416.96	48,764.16	
TZUCACAB	1	1.00	15.00	60,000.00	29,370.00	9,460.00	
UCU	8	7.92	118.80	237,600.00	92,550.94	37,863.94	
XOCHEL	1	0.52	7.80	15,600.00	6,067.78	2,693.18	
YAXCABA	4	2.54	38.10	152,400.00	51,516.79	17,504.33	
YOBAIN	10	6.70	100.50	201,000.00	49,720.70	20,139.71	
<b>Total Estado</b>		<b>211</b>	<b>251.52</b>	<b>3,878.21</b>	<b>12,938,013.57</b>	<b>11,385,049.94</b>	<b>4,293,166.22</b>
<b>Total Cultivo</b>		<b>211</b>	<b>251.52</b>	<b>3,878.21</b>	<b>12,938,013.57</b>	<b>11,385,049.94</b>	<b>4,293,166.22</b>
CHICHARO	TIZIMIN	1	11.00	36.67	123,444.43	47,891.95	5,699.47
	<b>Total Estado</b>	<b>1</b>	<b>11.00</b>	<b>36.67</b>	<b>123,444.43</b>	<b>47,891.95</b>	<b>5,699.47</b>
	<b>Total Cultivo</b>	<b>1</b>	<b>11.00</b>	<b>36.67</b>	<b>123,444.43</b>	<b>47,891.95</b>	<b>5,699.47</b>
chile	CANSAHCAB	2	0.24	2.40	60,000.00	3,638.75	1,533.50
	CANTAMAYEC	11	4.03	77.02	748,783.95	100,048.38	33,758.28
	DZIDZANTUN	10	6.50	65.00	1,492,045.45	362,925.62	148,965.82
	HALACHO	4	1.04	13.00	156,000.00	24,785.31	10,415.11
	HUNUCMA	1	0.50	6.25	75,000.00	23,596.00	9,890.00
	IZAMAL	1	0.08	1.00	12,000.00	604.06	253.18
	MERIDA	1	0.24	2.40	60,000.00	2,704.44	1,139.33
	MOCOCHA	1	0.48	4.80	120,000.00	7,221.73	3,038.21
MOTUL	2	1.84	18.40	460,000.00	30,060.13	14,553.30	

	MUNA	8	5.88	58.80	1,470,000.00	269,529.75	113,211.81
	PANABA	7	4.50	93.21	932,142.83	431,514.64	148,847.14
	SANTA ELENA	1	4.00	80.00	800,000.00	1,591,200.00	632,960.00
	SINANCHE	2	0.28	2.80	70,000.00	3,691.79	1,550.75
	SUMA	1	0.24	2.40	60,000.00	5,210.17	2,135.14
	TAHDZIU	2	0.86	17.20	172,000.00	28,515.82	10,119.79
	TAHMEK	1	0.40	5.00	60,000.00	25,296.64	6,329.60
	TEKAX	17	5.60	112.00	1,070,222.22	182,227.36	66,546.92
	TEMOZON	3	0.88	17.60	176,000.00	92,838.24	34,812.80
	TIMUCUY	1	0.86	17.20	206,400.00	14,116.08	5,851.72
	TIXMEHUAC	32	13.84	276.80	2,768,000.00	491,302.70	180,099.21
	TIZIMIN	7	37.66	780.10	10,587,071.06	2,137,542.04	820,249.86
	TZUCACAB	1	0.68	13.60	136,000.00	12,898.44	6,289.18
	YAXCABA	4	1.26	25.20	252,000.00	42,890.97	16,191.50
	YOBAIN	3	1.12	11.20	280,000.00	39,417.61	16,362.15
	<b>Total Estado</b>	<b>123</b>	<b>93.01</b>	<b>1,703.38</b>	<b>22,223,665.51</b>	<b>5,923,776.66</b>	<b>2,285,104.31</b>
	<b>Total Cultivo</b>	<b>123</b>	<b>93.01</b>	<b>1,703.38</b>	<b>22,223,665.51</b>	<b>5,923,776.66</b>	<b>2,285,104.31</b>
CHILE HABANERO	AKIL	1	0.12	0.00	0.00	0.00	0.00
	CALOTMUL	1	0.35	7.00	70,000.00	38,440.50	13,846.00
	CANTAMAYEC	3	0.44	8.80	88,000.00	6,901.14	2,552.94
	CHANKOM	1	0.24	4.80	48,000.00	0.00	0.00
	CHEMAX	3	0.75	15.00	150,000.00	28,889.32	8,859.45
	CHIKINDZONOT	6	2.98	59.60	596,000.00	132,636.22	50,475.24
	CONKAL	1	0.46	9.20	110,400.00	17,325.26	7,279.04
	DZIDZANTUN	1	1.20	15.00	180,000.00	135,912.96	56,966.40
	DZILAM GONZALEZ	1	0.40	5.00	60,000.00	15,101.44	6,329.60
	ESPITA	2	10.58	211.60	2,116,000.00	843,966.60	339,723.80
	HALACHO	34	9.82	92.06	828,562.50	183,310.14	76,997.64
	IZAMAL	1	1.50	18.75	225,000.00	230,364.00	107,010.00
	KANASIN	1	3.00	0.00	0.00	0.00	0.00
	KAUA	1	0.40	0.00	0.00	0.00	0.00
	KINCHIL	1	2.05	41.00	492,000.00	69,745.92	18,127.47
	MAXCANU	5	0.68	10.54	126,480.00	8,695.08	3,658.51
	MERIDA	2	0.62	0.00	0.00	0.00	0.00
	MOCOCHA	3	1.80	27.00	216,108.00	45,181.06	18,988.80
	MOTUL	4	2.33	37.86	454,350.00	55,617.50	23,119.35
	MUNA	7	7.44	93.00	1,116,000.00	364,951.84	161,512.48
	OXKUTZCAB	9	5.27	105.40	1,054,000.00	173,929.37	73,547.46
	PANABA	1	0.50	10.00	100,000.00	10,947.00	3,956.00
	SEYE	2	0.72	14.40	172,800.00	13,591.30	5,696.64
	SOTUTA	3	0.56	11.20	112,000.00	6,665.46	2,658.43
	SUMA	2	0.34	4.25	51,000.00	1,283.62	538.02
	TAHMEK	2	1.77	22.13	265,500.00	146,146.42	60,439.48
	TEKAX	2	0.36	7.20	72,000.00	6,462.68	2,347.49
	TEMOZON	2	0.76	15.20	152,000.00	79,949.47	29,812.27
	TEPAKAN	1	2.00	0.00	0.00	0.00	0.00
	TEYA	1	0.80	10.00	120,000.00	61,365.76	25,318.40
	TICUL	1	0.24	4.80	48,000.00	6,153.41	2,278.66
	TIMUCUY	1	0.86	0.00	0.00	0.00	0.00
	TIXKOKOB	1	0.10	0.00	0.00	0.00	0.00
	TIXMEHUAC	1	0.08	0.00	0.00	0.00	0.00
	TIZIMIN	14	14.72	298.08	2,980,800.00	2,184,664.83	696,536.56
	YAXCABA	19	8.70	174.00	1,740,000.00	394,296.11	149,805.30
	YOBAIN	1	1.00	0.00	0.00	0.00	0.00
	<b>Total Estado</b>	<b>142</b>	<b>85.94</b>	<b>1,332.87</b>	<b>13,745,000.50</b>	<b>5,262,494.38</b>	<b>1,948,381.41</b>
	<b>Total Cultivo</b>	<b>142</b>	<b>85.94</b>	<b>1,332.87</b>	<b>13,745,000.50</b>	<b>5,262,494.38</b>	<b>1,948,381.41</b>
CHILE XCATIK	TEPAKAN	1	2.00	20.00	500,000.00	377,536.00	158,240.00
	<b>Total Estado</b>	<b>1</b>	<b>2.00</b>	<b>20.00</b>	<b>500,000.00</b>	<b>377,536.00</b>	<b>158,240.00</b>
	<b>Total Cultivo</b>	<b>1</b>	<b>2.00</b>	<b>20.00</b>	<b>500,000.00</b>	<b>377,536.00</b>	<b>158,240.00</b>
EJOTE	TEKAX	1	30.00	450.00	6,750,000.00	31,529,000.00	1,524,000.00
	<b>Total Estado</b>	<b>1</b>	<b>30.00</b>	<b>450.00</b>	<b>6,750,000.00</b>	<b>31,529,000.00</b>	<b>1,524,000.00</b>
	<b>Total Cultivo</b>	<b>1</b>	<b>30.00</b>	<b>450.00</b>	<b>6,750,000.00</b>	<b>31,529,000.00</b>	<b>1,524,000.00</b>
Frijol	TEKAX	1	0.10	0.40	2,000.00	1,238.40	134.00
	TEMOZON	2	0.24	0.84	6,300.00	2,972.16	321.60
	TIZIMIN	2	7.40	11.10	111,000.00	91,641.60	9,916.00
	TZUCACAB	1	0.50	2.00	10,000.00	3,096.00	335.00
	<b>Total Estado</b>	<b>6</b>	<b>8.24</b>	<b>14.34</b>	<b>129,300.00</b>	<b>98,948.16</b>	<b>10,706.60</b>
	<b>Total Cultivo</b>	<b>6</b>	<b>8.24</b>	<b>14.34</b>	<b>129,300.00</b>	<b>98,948.16</b>	<b>10,706.60</b>
FRIJOL ESPELON	BACA	1	0.24	0.19	960.00	148.80	25.73
	CALOTMUL	2	0.32	640.64	3,203,200.00	4,997.12	428.80
	CANSAHCAB	2	0.72	0.58	2,880.00	1,335.09	231.55

	CANTAMAYEC	2	0.32	1.28	6,400.00	634.06	68.61
	CHEMAX	11	1.28	6.75	30,064.13	2,725.86	271.08
	CHIKINDZONOT	4	0.92	3.68	18,400.00	1,062.35	139.72
	DZIDZANTUN	4	1.96	1.57	7,840.00	4,729.18	819.44
	DZILAM GONZALEZ	1	0.12	0.10	480.00	111.66	19.30
	ESPITA	4	0.80	3.10	15,500.00	8,578.08	1,030.80
	HALACHO	2	0.36	0.29	1,440.00	584.87	77.18
	HUNUCMA	5	1.12	0.54	1,612.80	823.78	120.06
	MUNA	3	1.28	1.02	5,120.00	1,845.84	316.83
	OXKUTZCAB	35	7.06	28.24	137,776.97	19,940.12	1,296.73
	SINANCHE	8	4.54	663.34	3,316,676.34	15,685.35	4,734.15
	TEKAX	14	4.06	16.49	81,437.89	11,602.60	1,146.24
	TEMOZON	3	1.72	6.88	29,977.14	21,689.42	4,565.57
	TICUL	5	2.44	9.76	48,800.00	12,671.37	1,520.36
	TIZIMIN	11	4.70	18.80	94,000.00	46,391.21	4,618.02
	YOBAIN	9	3.76	3.01	15,040.00	10,614.27	1,449.04
	<b>Total Estado</b>	<b>126</b>	<b>37.72</b>	<b>1,406.25</b>	<b>7,017,605.28</b>	<b>166,171.04</b>	<b>22,879.19</b>
	<b>Total Cultivo</b>	<b>126</b>	<b>37.72</b>	<b>1,406.25</b>	<b>7,017,605.28</b>	<b>166,171.04</b>	<b>22,879.19</b>
JICAMA	MANI	1	0.50	0.00	0.00	0.00	0.00
	<b>Total Estado</b>	<b>1</b>	<b>0.50</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
	<b>Total Cultivo</b>	<b>1</b>	<b>0.50</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
JITOMATE	BACA	1	8.00	280.00	1,960,000.00	261,371.43	96,000.00
	CALOTMUL	1	0.12	3.60	18,000.00	9,608.88	2,880.00
	CANTAMAYEC	1	0.50	0.00	0.00	0.00	0.00
	CHANKOM	1	0.12	0.00	0.00	0.00	0.00
	CHEMAX	6	0.52	0.00	0.00	0.00	0.00
	CHICHIMILA	4	4.52	0.00	0.00	0.00	0.00
	CHIKINDZONOT	2	0.40	8.00	40,000.00	5,220.00	1,032.00
	CONKAL	1	0.32	11.20	78,400.00	3,244.64	1,228.80
	DZIDZANTUN	5	4.50	135.00	877,500.00	151,872.75	57,564.00
	ESPITA	1	0.20	0.00	0.00	0.00	0.00
	HALACHO	4	2.60	45.50	113,750.00	0.00	0.00
	HUNUCMA	4	3.80	0.00	0.00	0.00	0.00
	KANASIN	2	1.50	0.00	0.00	0.00	0.00
	MANI	1	1.00	30.00	150,000.00	143,474.00	28,000.00
	MERIDA	3	7.36	0.00	0.00	0.00	0.00
	MOCOCHA	2	0.90	31.50	189,000.00	14,182.20	5,760.00
	MUNA	1	0.48	0.00	0.00	0.00	0.00
	OXKUTZCAB	13	14.92	447.60	2,238,000.00	129,103.83	42,202.29
	PANABA	2	0.74	22.20	111,000.00	1,702.00	0.00
	SINANCHE	1	0.32	9.60	62,400.00	4,017.60	1,802.24
	SUMA	1	0.28	8.40	54,600.00	5,111.68	1,881.60
	TAHMEK	1	1.40	42.00	273,000.00	63,896.00	23,520.00
	TEKAL DE VENEGAS	1	1.20	36.00	234,000.00	46,944.00	17,280.00
	TEKAX	1	0.04	1.20	6,000.00	0.00	0.00
	TEMOZON	1	0.52	15.60	78,000.00	40,234.48	12,480.00
	TEPAKAN	1	5.00	150.00	975,000.00	1,304,000.00	480,000.00
	TEYA	1	1.60	56.00	392,000.00	33,558.40	13,312.00
	TICUL	1	0.32	9.60	48,000.00	8,537.50	2,457.60
	TIXKOKOB	1	0.10	3.50	24,500.00	652.00	240.00
	TIZIMIN	29	35.24	1,032.90	6,126,144.89	1,716,061.28	460,781.23
	UCU	3	2.04	0.00	0.00	0.00	0.00
	VALLADOLID	1	0.08	0.00	0.00	0.00	0.00
	YOBAIN	1	1.00	30.00	195,000.00	26,080.00	9,600.00
	<b>Total Estado</b>	<b>99</b>	<b>101.64</b>	<b>2,409.40</b>	<b>14,244,294.89</b>	<b>3,968,872.66</b>	<b>1,258,021.75</b>
	<b>Total Cultivo</b>	<b>99</b>	<b>101.64</b>	<b>2,409.40</b>	<b>14,244,294.89</b>	<b>3,968,872.66</b>	<b>1,258,021.75</b>
MELON	DZIDZANTUN	3	1.56	15.60	93,600.00	8,316.83	3,526.85
	HALACHO	1	0.08	0.80	4,800.00	190.34	80.38
	MUNA	3	1.74	0.00	0.00	0.00	0.00
	OXKUTZCAB	1	0.80	0.00	0.00	0.00	0.00
	SOTUTA	1	0.20	0.00	0.00	0.00	0.00
	TIZIMIN	2	1.96	35.28	105,840.00	54,109.18	16,716.62
	YOBAIN	3	3.56	35.60	213,600.00	44,389.50	18,958.57
	<b>Total Estado</b>	<b>14</b>	<b>9.90</b>	<b>87.28</b>	<b>417,840.00</b>	<b>107,005.84</b>	<b>39,282.42</b>
	<b>Total Cultivo</b>	<b>14</b>	<b>9.90</b>	<b>87.28</b>	<b>417,840.00</b>	<b>107,005.84</b>	<b>39,282.42</b>
OKRA	TEKAX	1	4.00	0.00	0.00	0.00	0.00
	TIZIMIN	2	47.00	1,175.00	4,700,000.00	2,787,570.00	573,400.00
	<b>Total Estado</b>	<b>3</b>	<b>51.00</b>	<b>1,175.00</b>	<b>4,700,000.00</b>	<b>2,787,570.00</b>	<b>573,400.00</b>
	<b>Total Cultivo</b>	<b>3</b>	<b>51.00</b>	<b>1,175.00</b>	<b>4,700,000.00</b>	<b>2,787,570.00</b>	<b>573,400.00</b>
PEPINO	BACA	1	1.50	0.00	0.00	0.00	0.00
	CANSAHCAB	2	0.44	5.28	25,344.00	1,528.97	614.36

	CANTAMAYEC	3	0.64	11.52	34,560.00	3,248.13	974.85
	CHEMAX	4	0.20	3.60	10,800.00	218.32	76.16
	DZEMUL	1	0.28	3.36	16,128.00	939.90	373.18
	DZIDZANTUN	7	2.20	26.40	269,280.00	13,255.52	5,236.00
	DZILAM GONZALEZ	3	3.70	44.40	213,120.00	40,400.73	15,857.71
	HALACHO	1	0.20	2.40	11,520.00	474.45	190.40
	HUNUCMA	8	10.32	123.84	594,432.00	152,970.34	60,157.03
	KANASIN	1	4.00	0.00	0.00	0.00	0.00
	MANI	7	1.58	28.44	85,320.00	9,568.72	2,895.51
	MERIDA	4	0.88	10.56	50,688.00	2,534.44	893.61
	MOTUL	2	5.73	85.95	412,560.00	16,071.89	5,155.47
	MUNA	9	6.38	54.69	187,493.87	54,897.71	21,518.46
	OXKUTZCAB	16	5.58	100.44	301,320.00	25,516.78	8,941.07
	SANTA ELENA	1	0.08	0.96	4,608.00	163.78	60.93
	SINANCHE	3	1.16	13.92	66,816.00	6,699.06	2,706.05
	SOTUTA	1	0.08	1.44	4,320.00	0.00	0.00
	TEKAX	7	371.64	32,723.38	162,224,050.96	66,181,523.89	17,084,668.16
	TELCHAC PUEBLO	1	0.32	3.84	18,432.00	1,316.30	487.42
	TICUL	5	2.62	47.16	141,480.00	38,503.00	11,598.22
	TIXMEHUAC	7	1.58	27.76	87,254.69	9,948.49	3,072.24
	TIZIMIN	7	7.88	149.72	524,020.00	260,865.19	64,965.24
	TZUCACAB	1	0.16	2.88	8,640.00	812.03	243.71
	UCU	6	4.58	54.96	263,808.00	50,184.59	19,862.95
	YOBAIN	6	2.90	35.89	172,260.00	19,799.93	7,931.50
	<b>Total Estado</b>	<b>114</b>	<b>436.63</b>	<b>33,562.78</b>	<b>165,728,255.52</b>	<b>66,891,442.17</b>	<b>17,318,480.23</b>
	<b>Total Cultivo</b>	<b>114</b>	<b>436.63</b>	<b>33,562.78</b>	<b>165,728,255.52</b>	<b>66,891,442.17</b>	<b>17,318,480.23</b>
SANDIA	BACA	1	0.60	12.00	24,000.00	11,297.76	4,521.60
	CALOTMUL	3	1.72	38.70	82,237.50	62,341.40	21,603.20
	CANTAMAYEC	2	2.32	52.20	313,200.00	94,084.58	33,434.91
	CHEMAX	5	0.68	0.00	0.00	0.00	0.00
	CHICHIMILA	2	0.84	0.00	0.00	0.00	0.00
	CHIKINDZONOT	2	0.76	19.00	47,500.00	4,284.58	1,527.30
	DZIDZANTUN	6	5.00	100.00	200,000.00	95,737.50	40,820.00
	DZILAM GONZALEZ	2	0.88	17.60	35,200.00	7,314.44	2,982.14
	ESPITA	1	10.00	0.00	0.00	0.00	0.00
	HUNUCMA	1	0.20	0.00	0.00	0.00	0.00
	MANI	2	1.60	40.00	80,000.00	48,593.60	16,076.80
	MOTUL	1	4.60	92.00	184,000.00	144,182.40	60,664.80
	MUNA	5	3.74	74.80	149,600.00	31,822.16	13,686.90
	OXKUTZCAB	3	2.62	65.50	163,750.00	72,451.91	26,654.83
	SANTA ELENA	2	1.80	36.00	72,000.00	48,178.80	20,347.20
	SEYE	1	0.16	3.20	6,400.00	761.34	321.54
	SINANCHE	1	0.60	0.00	0.00	0.00	0.00
	SOTUTA	1	0.56	14.00	31,500.00	1,578.53	562.69
	TAHDZIU	1	1.10	27.50	55,000.00	24,499.20	8,289.60
	TAHMEK	1	0.88	17.60	35,200.00	2,881.65	1,768.45
	TEKAX	3	2.36	59.00	118,000.00	74,510.86	23,318.06
	TEMOZON	2	0.62	15.50	38,750.00	23,789.40	7,787.20
	TIXKOKOB	1	1.00	0.00	0.00	0.00	0.00
	TIXMEHUAC	10	8.24	192.27	598,162.95	236,459.62	78,806.63
	TIZIMIN	19	29.88	739.53	1,645,454.25	1,066,115.11	351,694.47
	TZUCACAB	1	0.24	0.00	0.00	0.00	0.00
	XOCHEL	6	1.12	22.40	44,800.00	4,663.23	1,969.41
	YAXCABA	29	36.60	915.00	2,287,500.00	1,683,788.55	469,731.05
	<b>Total Estado</b>	<b>114</b>	<b>120.72</b>	<b>2,553.80</b>	<b>6,212,254.70</b>	<b>3,739,336.63</b>	<b>1,186,568.78</b>
	<b>Total Cultivo</b>	<b>114</b>	<b>120.72</b>	<b>2,553.80</b>	<b>6,212,254.70</b>	<b>3,739,336.63</b>	<b>1,186,568.78</b>
SOYA	TEKAX	47	1,381.00	2,611.66	16,915,566.60	37,562,514.40	12,615,973.69
	TIZIMIN	1	204.75	409.50	4,095,000.00	11,951,916.60	1,315,172.62
	<b>Total Estado</b>	<b>48</b>	<b>1,585.75</b>	<b>3,021.16</b>	<b>21,010,566.60</b>	<b>49,514,431.00</b>	<b>13,931,146.31</b>
	<b>Total Cultivo</b>	<b>48</b>	<b>1,585.75</b>	<b>3,021.16</b>	<b>21,010,566.60</b>	<b>49,514,431.00</b>	<b>13,931,146.31</b>
TOMATE DE CASCARA	DZIDZANTUN	1	0.24	0.00	0.00	0.00	0.00
	MANI	2	0.20	4.00	24,000.00	1,840.51	563.20
	OXKUTZCAB	1	0.32	0.00	0.00	0.00	0.00
	TEKAX	1	0.32	9.60	48,000.00	7,569.00	2,007.04
	TEYA	1	0.80	0.00	0.00	0.00	0.00
	TIZIMIN	5	17.92	373.33	1,991,111.08	1,008,256.85	315,392.00
	YOBAIN	3	0.84	12.60	100,800.00	7,407.85	3,351.04
	<b>Total Estado</b>	<b>14</b>	<b>20.64</b>	<b>399.53</b>	<b>2,163,911.08</b>	<b>1,025,074.21</b>	<b>321,313.28</b>
	<b>Total Cultivo</b>	<b>14</b>	<b>20.64</b>	<b>399.53</b>	<b>2,163,911.08</b>	<b>1,025,074.21</b>	<b>321,313.28</b>
	<b>Total Reporte</b>	<b>1,051</b>	<b>3,059.53</b>	<b>59,767.25</b>	<b>299,692,066.14</b>	<b>230,303,482.11</b>	<b>55,039,782.98</b>

## 1.2. Importancia económica de la plaga

**IMPORTANCIA DE LA PLAGA  
PROGRAMA 2013  
COMITÉ ESTATAL DE SANIDAD VEGETAL  
ESTADO: YUCATAN  
CAMPAÑA CONTRA TRIPS ORIENTAL  
Exploración y Muestreo**

PLAGA	MUNICIPIO	NUMERO DE PRODUCTORES	NIVEL DE INFESTACIÓN PROMEDIO(%)	SUPERFICIE CON PLAGA (HA)	NO. DE SITIOS CON PLAGA
NINGUNA	AKIL	1	0.0000	0.0000	0
	BACA	1	0.0000	0.0000	0
	CALOTMUL	5	0.0000	0.0000	0
	CANSAHCAB	3	0.0000	0.0000	0
	CANTAMAYEC	13	0.0000	0.0000	0
	CONKAL	2	0.0000	0.0000	0
	CHANKOM	1	0.0000	0.0000	0
	CHEMAX	22	0.0000	0.0000	0
	CHICHIMILA	6	0.0000	0.0000	0
	CHIKINDZONOT	9	0.0000	0.0000	0
	DZEMUL	1	0.0000	0.0000	0
	DZIDZANTUN	11	0.0000	0.0000	0
	DZILAM GONZALEZ	3	0.0000	0.0000	0
	ESPITA	6	0.0000	0.0000	0
	HALACHO	29	0.0000	0.0000	0
	HUNUCMA	12	0.0000	0.0000	0
	IZAMAL	2	0.0000	0.0000	0
	KANASIN	2	0.0000	0.0000	0
	KAUA	1	0.0000	0.0000	0
	KINCHIL	1	0.0000	0.0000	0
	MANI	12	0.0000	0.0000	0
	MAXCANU	5	0.0000	0.0000	0
	MERIDA	8	0.0000	0.0000	0
	MOCOCHA	4	0.0000	0.0000	0
	MOTUL	5	0.0000	0.0000	0
	MUNA	20	0.0000	0.0000	0
	OXKUTZCAB	71	0.0000	0.0000	0
	PANABA	7	0.0000	0.0000	0
	SANTA ELENA	1	0.0000	0.0000	0
	SEYE	2	0.0000	0.0000	0
	SINANCHE	10	0.0000	0.0000	0
	SOTUTA	3	0.0000	0.0000	0
	SUMA	3	0.0000	0.0000	0
	TAHDZIU	5	0.0000	0.0000	0
	TAHMEK	2	0.0000	0.0000	0
	TEKAL DE VENEGAS	1	0.0000	0.0000	0
	TEKAX	94	0.0000	0.0000	0
	TEMAX	1	0.0000	0.0000	0
	TEMOZON	5	0.0000	0.0000	0
	TEPAKAN	1	0.0000	0.0000	0
	TEYA	2	0.0000	0.0000	0
	TICUL	12	0.0000	0.0000	0
	TIMUCUY	1	0.0000	0.0000	0
	TIXKOKOB	1	0.0000	0.0000	0
	TIXMEHUAC	45	0.0000	0.0000	0
	TIZIMIN	55	0.0008	5.0000	1
	TZUCACAB	2	0.0000	0.0000	0
	UCU	4	0.0000	0.0000	0
	VALLADOLID	1	0.0000	0.0000	0
	XOCHEL	4	0.0000	0.0000	0
	YAXCABA	49	0.0000	0.0000	0
	YOBAIN	11	0.0000	0.0000	0

	TOTAL	578	0.0001	5.0000	1
Thrips palmi	BACA	2	0.1931	7.0000	14
	CALOTMUL	4	0.3224	2.0000	6
	CANSAHCAB	5	0.3419	5.0000	24
	CANTAMAYEC	8	0.2625	2.0000	12
	CONKAL	1	0.1680	0.0000	2
	CHEMAX	14	0.6258	2.0000	19
	CHICHIMILA	1	0.2500	0.0000	1
	CHIKINDZONOT	4	0.3300	2.0000	5
	DZEMUL	1	0.9575	0.0000	2
	DZIDZANTUN	20	0.6211	24.0000	51
	DZILAM GONZALEZ	4	0.8121	10.0000	16
	ESPITA	4	0.2947	6.0000	8
	HALACHO	31	0.1395	11.0000	53
	HUNUCMA	13	0.5163	33.0000	54
	IZAMAL	2	0.0100	2.0000	2
	KANASIN	2	0.1712	7.0000	14
	KAUA	1	0.0300	0.0000	1
	KINCHIL	1	0.1156	1.0000	5
	MANI	6	0.8657	6.0000	16
	MAXCANU	2	0.1200	0.0000	2
	MERIDA	6	0.7520	4.0000	15
	MOCOCHA	2	0.2853	1.0000	3
	MOTUL	5	0.6223	13.0000	60
	MUNA	31	0.5218	50.0000	85
	OXKUTZCAB	78	0.9345	36.0000	144
	PANABA	5	0.0991	3.0000	6
	SANTA ELENA	2	0.4674	2.0000	4
	SEYE	2	0.3013	1.0000	4
	SINANCHE	12	0.6012	12.0000	44
	SOTUTA	2	0.3526	1.0000	6
	SUMA	2	0.2800	1.0000	4
	TAHDZIU	2	0.4197	1.0000	2
	TAHMEK	2	0.2218	3.0000	5
	TEKAL DE VENEGAS	1	0.5220	1.0000	2
	TEKAX	37	1.2165	719.0000	170
	TELCHAC PUEBLO	2	1.0832	0.0000	3
	TEMAX	1	1.1875	0.0000	1
	TEMOZON	4	0.2199	2.0000	7
	TEPAKAN	1	0.1567	9.0000	4
	TEYA	2	0.4293	4.0000	8
	TICUL	4	0.3117	5.0000	9
	TIMUCUY	2	0.5888	9.0000	16
	TIXKOKOB	1	0.4267	1.0000	1
	TIXMEHUAC	17	0.6436	8.0000	30
	TIZIMIN	38	0.2849	172.0000	105
	TZUCACAB	1	0.2338	1.0000	4
	UCU	8	0.6379	13.0000	27
	XOCHEL	7	0.4200	2.0000	9
	YAXCABA	17	0.2244	16.0000	20
	YOBAIN	17	0.6418	20.0000	56
	TOTAL	437	0.6155	1,230.0000	1,161

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## 2. OBJETIVO – META

OBJETIVO - META  
PROGRAMA 2013  
COMITÉ ESTATAL DE SANIDAD VEGETAL  
ESTADO: YUCATAN  
CAMPAÑA CONTRA TRIPS ORIENTAL  
Exploración y Muestreo

Thrips palmi

MUNICIPIO	NUMERO DE PRODUCTORES	NO. DE SITIOS A ATENDER	SUPERFICIE A ATENDER (HA)	NIVEL DE INFESTACIÓN PROMEDIO ACTUAL	NIVEL DE INFESTACIÓN ESPERADA (OBJETIVO)
BACA	2	14	6.8400	0.1931	0.1910
CALOTMUL	4	6	2.0400	0.3224	0.3190
CANSAHCAB	5	24	4.7600	0.3419	0.3390
CANTAMAYEC	8	12	2.4400	0.2625	0.2600
CONKAL	1	2	0.4600	0.1680	0.1660
CHEMAX	14	19	1.7200	0.6258	0.6230
CHICHIMILA	1	1	0.2000	0.2500	0.2300
CHIKINDZONOT	4	5	1.8800	0.3300	0.3100
DZEMUL	1	2	0.2800	0.9575	0.9550
DZIDZANTUN	20	51	24.0000	0.6211	0.6190
DZILAM GONZALEZ	4	16	9.7400	0.8121	0.2920
ESPITA	4	8	5.6400	0.2947	0.2920
HALACHO	31	53	11.1600	0.1395	0.1370
HUNUCMA	13	54	32.8000	0.5163	0.5140
IZAMAL	2	2	1.5800	0.0100	0.0990
KANASIN	2	14	7.0000	0.1712	0.1690
KAUA	1	1	0.4000	0.0300	0.0100
KINCHIL	1	5	1.0400	0.1156	0.1130
MANI	6	16	6.1400	0.8657	0.8630
MAXCANU	2	2	0.2800	0.1200	0.1000
MERIDA	6	15	3.8200	0.7520	0.7500
MOCOCHA	2	3	1.0400	0.2853	0.2830
MOTUL	5	60	13.3800	0.6223	0.6200
MUNA	31	85	49.6400	0.5218	0.5190
OXKUTZCAB	78	144	36.1300	0.9345	0.9320
PANABA	5	6	2.8600	0.0991	0.0970
SANTA ELENA	2	4	2.3800	0.4674	0.4650
SEYE	2	4	0.7200	0.3013	0.3590
SINANCHE	12	44	12.3000	0.6012	0.5990
SOTUTA	2	6	0.8000	0.3526	0.3500
SUMA	2	4	0.5800	0.2800	0.2600
TAHDZIU	2	2	1.1000	0.4197	0.4170
TAHMEK	2	5	3.0500	0.2218	0.2190
TEKAL DE VENEGAS	1	2	1.2000	0.5220	0.5200
TEKAX	37	170	718.8800	1.2165	1.2140
TELCHAC PUEBLO	2	3	0.4400	1.0832	1.0810
TEMAX	1	1	0.2800	1.1875	1.1850
TEMOZON	4	7	1.9400	0.2199	0.2170
TEPAKAN	1	4	9.0000	0.1567	0.1540
TEYA	2	8	3.6000	0.4293	0.4270
TICUL	4	9	4.7000	0.3117	0.3090
TIMUCUY	2	16	8.6200	0.5888	0.5860
TIXKOKOB	1	1	1.0000	0.4267	0.4240
TIXMEHUAC	17	30	7.5000	0.6436	0.6410
TIZIMIN	38	105	172.2100	0.2849	0.2820
TZUCACAB	1	4	0.6800	0.2338	0.2310
UCU	8	27	13.0600	0.6379	0.6350
XOCHEL	7	9	1.6400	0.4200	0.4000
YAXCABA	17	20	16.1200	0.2244	0.2220
YOBAIN	17	56	19.5600	0.6418	0.6390
<b>TOTAL</b>	<b>437</b>	<b>1,161</b>	<b>1,228.6300</b>	<b>0.6155</b>	<b>0.4328</b>

**Nota:** En el calendario de metas del presente Programa de Trabajo, se tiene programado atender una superficie de 2,628 hectáreas, para conocer la dinámica de la plaga y mitigar el riesgo de dispersión a predios sin presencia.

### 3. OPERATIVIDAD

#### 3.1. Recursos Humanos

PROGRAMA 2013  
NECESIDADES FISICAS Y FINANCIERAS  
COMITÉ ESTATAL DE SANIDAD VEGETAL  
ESTADO: YUCATAN

CAMPAÑA CONTRA TRIPS ORIENTAL

Recursos Humanos

Concepto	No. de personas	No. de Meses	Inversión total(\$)	Financiamiento(\$)		M e s e s												
				Federal	Estatal	E	F	M	A	M	J	J	A	S	O	N	D	
GERENTE - MUNGUÍA ROSALES RICARDO ALFREDO	1	3	86,223.00		86,223.00	0	0	0	0	0	0	0	0	0	0	0	0	0
COORDINADOR ADMINISTRATIVO - ALDANA LOPEZ JOSE NICOMEDES	1	2	39,308.00	39,308.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0
COORDINADOR DE CAMPANAS FITOSANITARIAS - YUIT TAMAYO RUDI GUALBERTO	1	12	235,848.00	235,848.00	0.00	1	1	1	1	1	1	1	1	1	1	1	1	1
PROFESIONAL FITOSANITARIO - SULUB CANCHE EDELIANO	1	12	171,000.00	171,000.00	0.00	1	1	1	1	1	1	1	1	1	1	1	1	1
PROFESIONAL FITOSANITARIO - MARIN SOBERANIS MARIO	1	12	171,000.00	171,000.00	0.00	1	1	1	1	1	1	1	1	1	1	1	1	1
PROFESIONAL FITOSANITARIO - OXTE TORRES ARGENIO JULIAN	1	12	171,000.00	171,000.00	0.00	1	1	1	1	1	1	1	1	1	1	1	1	1
PROFESIONAL FITOSANITARIO - POR CONTRATAR TRIPS	1	4	57,000.00	57,000.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0
RESPONSABLE DE INFORMATICA - CASTILLO NAVA DAVID ALEJANDRO	1	2	23,000.00	23,000.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0
AUXILIAR ADMINISTRATIVO - BETANCOURT COB SUREMI IVONNE	1	1	10,600.00	10,600.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0
AUXILIAR ADMINISTRATIVO - CABAL ANDRADE JUAN JOSE	1	2	21,200.00	21,200.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0
SECRETARIA - CEBALLOS LOPEZ ANA MARGARITA	1	1	6,600.00	6,600.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0
JORNALAS -	518	7	77,700.00	0.00	77,700.00	0	0	0	0	0	0	0	0	0	0	0	0	0
AUXILIAR DE CAMPO - CAAMAL CHAN CARLOS GABRIEL	1	12	111,000.00	111,000.00	0.00	1	1	1	1	1	1	1	1	1	1	1	1	1
AUXILIAR DE CAMPO - AZCANIO ALONSO FRANCISCO JAVIER	1	6	55,500.00	55,500.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0
PLAN DE EMERGENCIA -	1	1	153,627.00	18,180.00	135,447.00	0	0	0	0	0	0	0	0	0	0	0	0	0
GRATIFICACIÓN DE FIN DE AÑO - CAAMAL CHAN CARLOS GABRIEL	1	2	9,250.00	9,250.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0
GRATIFICACIÓN DE FIN DE AÑO - SULUB CANCHE EDELIANO	1	2	14,250.00	14,250.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0
GRATIFICACIÓN DE FIN DE AÑO - MARIN SOBERANIS MARIO	1	2	14,250.00	14,250.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0
GRATIFICACIÓN DE FIN DE AÑO - YUIT TAMAYO RUDI GUALBERTO	1	2	19,654.00	19,654.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0
GRATIFICACIÓN DE FIN DE AÑO - OXTE TORRES ARGENIO JULIAN	1	2	14,250.00	14,250.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0
GRATIFICACIÓN DE FIN DE AÑO - POR CONTRATAR TRIPS	1	2	10,500.00	10,500.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0
			<b>1,472,760.00</b>	<b>1,259,613.00</b>	<b>213,147.00</b>													

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### 3.2. Parque vehicular

PROGRAMA 2013  
 REPORTE DEL PARQUE VEHICULAR

COMITÉ ESTATAL DE SANIDAD VEGETAL DE YUCATAN

Número Económico	Equipo	Placas	Nombre del Responsable	Campañas
8AFDT50D796209618	FORD RANGER 2009 - YP29063	39	POR CONTRATAR TRIPS	TO
8AFDT50D396220213	FORD RANGER 2009 - YP29087	37	CAAMAL CHAN CARLOS GABRIEL	TO
8AFER5AD9C6453845	FORD RANGER 2012 - YP88017	90	SULUB CANCHE EDELIANO	TO
8AFER5AD9C6017724	FORD RANGER 2012 - YP92119	101	YUIT TAMAYO RUDI GUALBERTO	TO
8AFER5ADXC6005355	FORD RANGER 2012 - YP92126	99	OXTÉ TORRES ARCENIO JULIAN	TO

### 4. CALENDARIZACIÓN DE METAS

PROGRAMA 2013  
 COMITÉ ESTATAL DE SANIDAD VEGETAL  
 ESTADO: YUCATAN

CAMPAÑA CONTRA TRIPS ORIENTAL  
 ACCIONES FITOSANITARIAS

CALENDARIZACIÓN DE METAS															
ACCIÓN	SUBACCIÓN	UNIDAD DE MEDIDA	META	E	F	M	A	M	J	J	A	S	O	N	D
TRAMPEO	SUPERFICIE TRAMPEADA	HECTÁREAS	230	0	0	0	0	0	15	15	40	40	40	40	40
	PREDIOS TRAMPEADOS	NÚMERO	320	0	0	0	0	0	30	30	60	60	60	60	20
EXPLORACIÓN	SUPERFICIE EXPLORADA	HECTÁREAS	2,628	274	294	60	50	40	1,000	200	50	70	300	190	100
	PREDIOS EXPLORADOS	NÚMERO	1,768	234	164	80	60	100	200	100	200	160	200	170	100
MUESTREO	SUPERFICIE MUESTREADA	HECTÁREAS	12,566	1,260	806	600	300	250	1,250	1,350	1,290	1,350	1,610	1,800	700
	PREDIOS MUESTREADOS	NÚMERO	7,183	727	676	400	350	350	440	540	600	760	760	1,030	550
CONTROL DE FOCOS DE INFESTACIÓN	SUPERFICIE CONTROLADA	HECTÁREAS	1,510	20	20	20	50	50	200	250	200	200	200	200	100
	FOCOS DE INFESTACIÓN CONTROLADOS	NÚMERO	1,050	20	20	20	100	100	100	100	100	120	150	150	70
CAPACITACIÓN	CURSOS A TÉCNICOS	NÚMERO	1	0	0	0	0	0	0	0	1	0	0	0	0
	PLÁTICAS A PRODUCTORES	NÚMERO	96	2	4	10	10	10	10	10	10	10	10	10	0
DIVULGACIÓN	IMPRESOS	NÚMERO	504	0	0	0	0	0	0	0	0	252	252	0	0
	SPOTS	NÚMERO	200	0	0	0	0	0	0	0	0	0	0	100	100
SICAFI	INFORMES TÉCNICOS	NÚMERO	12	1	1	1	1	1	1	1	1	1	1	1	1
	INFORMES FINANCIEROS	NÚMERO	12	1	1	1	1	1	1	1	1	1	1	1	1
EVALUACIÓN	EVALUACIÓN	NÚMERO	1	0	0	0	0	0	0	0	0	0	0	0	1
SUPERVISIÓN	SUPERVISIÓN	NÚMERO	10	0	0	1	1	1	1	1	1	1	1	1	1

Nota: En la acción de muestreo de los meses enero, febrero y marzo, las metas contemplan superficies exploradas en el ejercicio 2012.

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## 5. NECESIDADES FÍSICAS Y FINANCIERAS

### 5.1. Recursos Humanos

Concepto	No. de personas	Inversión total(\$)	Financiamiento(\$)	
			Federal	Estatal
GERENTE	1	86,223.00	86,223.00	0.00
COORDINADOR ADMINISTRATIVO	1	39,308.00	39,308.00	0.00
COORDINADOR DE CAMPAÑAS FITOSANITARIAS	1	235,848.00	235,848.00	0.00
PROFESIONAL FITOSANITARIO	4	570,000.00	570,000.00	0.00
RESPONSABLE DE INFORMATICA	1	23,000.00	23,000.00	0.00
AUXILIAR ADMINISTRATIVO	2	31,800.00	31,800.00	0.00
SECRETARIA	1	6,600.00	6,600.00	0.00
JORNALES	518	77,700.00	0.00	77,700.00
AUXILIAR DE CAMPO	2	166,500.00	166,500.00	0.00
PLAN DE EMERGENCIA	1	153,627.00	18,180.00	135,447.00
GRATIFICACIÓN DE FIN DE AÑO	6	82,154.00	82,154.00	0.00
		<b>1,472,760.00</b>	<b>1,259,613.00</b>	<b>213,147.00</b>

### 5.2. Recursos Materiales

Concepto	Unidad de medida	Cantidad	Inversión total(\$)	Financiamiento(\$)	
				Federal	Estatal
ACCESORIOS CAMARA FOTOGRAFICA	PAQUETE	2	2,000.00	2,000.00	0.00
ACCESORIOS COMPUTADORA	PAQUETE	2	2,000.00	2,000.00	0.00
ACCESORIOS EQUIPO DE OFICINA	PAQUETE	1	3,500.00	3,095.00	405.00
BOTAS DE TRABAJO	PARES	10	6,000.00	5,795.00	205.00
COMBUSTIBLE	LITRO	22250	267,000.00	189,551.00	77,449.00
CONSUMIBLES DE CÓMPUTO	LOTE	3	3,000.00	3,000.00	0.00
GPS	PIEZA	2	14,000.00	0.00	14,000.00
LLANTAS VEHICULO	PIEZA	12	28,800.00	0.00	28,800.00
PROYECTOR O CAÑÓN	UNIDAD	1	9,000.00	9,000.00	0.00
TONER	PIEZA	5	5,000.00	0.00	5,000.00
TRÍPTICOS	EJEMPLAR	500	3,000.00	3,000.00	0.00
MATERIAL Y EQUIPO DE PROTECCIÓN	PAQUETE	2	3,000.00	0.00	3,000.00
FRASCOS ENTOMOLOGICOS	PIEZA	200	1,000.00	0.00	1,000.00
CAJA DE HERRAMIENTAS	PIEZA	2	9,834.00	0.00	9,834.00
MATERIAL DE LABORATORIO	LOTE	1	1,500.00	0.00	1,500.00
SPINOSAD	LITRO	10	16,000.00	0.00	16,000.00
ASPERSORA MOTORIZADA	PIEZA	1	7,000.00	0.00	7,000.00
JABON AGRICOLA	KILOGRAMOS	30	6,000.00	0.00	6,000.00
COADYUVANTES	LITRO	12	1,080.00	0.00	1,080.00
REACTIVOS DE PRESERVACIÓN E IDENTIFICACIÓN	DOTACIÓN	2	2,000.00	0.00	2,000.00
ASPERSORA DE MOCHILA	PIEZA	2	1,500.00	0.00	1,500.00
REFACCIONES	LOTE	1	3,000.00	3,000.00	0.00
CAMARA FOTOGRAFICA	PIEZA	1	6,000.00	0.00	6,000.00
HERBICIDA PARAQUAT	LITRO	80	5,600.00	0.00	5,600.00
HERBICIDA GLYFOSATO	LITRO	65	6,500.00	0.00	6,500.00
HERBICIDA 2,4-D+ CARFENTRAZONE	PIEZA	24	4,800.00	0.00	4,800.00
ABAMECTINA 250 ML	PIEZA	12	2,400.00	0.00	2,400.00
ALCOHOL 96	LITRO	10	350.00	0.00	350.00
COMPUTADORA LAPTOP	UNIDAD	1	14,000.00	0.00	14,000.00
MATERIALES DIDÁCTICOS	LOTE	2	4,000.00	2,000.00	2,000.00
VEHICULOS PICK UP	UNIDAD	1	300,000.00	300,000.00	0.00
MATERIAL Y EQUIPO DE MUESTREO	LOTE	4	32,000.00	32,000.00	0.00
UNIFORMES CAMISA-PANTALON	UNIFORME	20	10,000.00	10,000.00	0.00
INSECTICIDA (SPIRODICLOFEN)	LITRO	3	4,590.00	0.00	4,590.00
TRAMPA Thrips palmi	PIEZA	15000	187,500.00	121,750.00	65,750.00
SOPORTE TRAMPA Thrips palmi 80 cm	PIEZA	3950	94,800.00	0.00	94,800.00
			<b>1,067,754.00</b>	<b>686,191.00</b>	<b>381,563.00</b>

### 5.3. Servicios

Concepto	Unidad de medida	Cantidad	Inversión total(\$)	Financiamiento(\$)	
				Federal	Estatad
CAFETERIA	SERVICIOS	9	5,400.00	0.00	5,400.00
MANTENIMIENTO Y SERVICIO VEHICULAR	SERVICIOS	30	75,000.00	0.00	75,000.00
MANTENIMIENTO DEL SICAFI	SERVICIOS	1	11,000.00	11,000.00	0.00
PINTA DE BARDAS	SERVICIOS	4	14,000.00	0.00	14,000.00
SERVICIO RADIO COMUNICACIÓN	SERVICIOS	60	15,828.00	11,820.00	4,008.00
SPOT DE RADIO	SERVICIOS	200	10,000.00	0.00	10,000.00
COPIAS	NÚMERO	153	153.00	32.00	121.00
SEGUROS Y FIANZAS	SERVICIOS	6	24,000.00	0.00	24,000.00
SERVICIO DE VIGILANCIA	SERVICIOS	1	4,500.00	0.00	4,500.00
INSCRIPCIÓN A CURSO	NÚMERO	7	24,500.00	24,500.00	0.00
BOLETOS DE AVIÓN	BOLETO	6	42,000.00	42,000.00	0.00
ENERGIA ELECTRICA OFICINA	SERVICIOS	5	25,000.00	0.00	25,000.00
VIÁTICOS ESTATALES SIN PERNOCTA	DÍAS	9	4,500.00	4,500.00	0.00
VIÁTICOS NACIONALES	DÍAS	30	37,500.00	37,500.00	0.00
INTERNET BANDA ANCHA	SERVICIOS	13	5,785.00	0.00	5,785.00
			<b>299,166.00</b>	<b>131,352.00</b>	<b>167,814.00</b>

### 5.4. Plan Presupuestal

Tipo de recurso	Inversión total(\$)	Financiamiento(\$)	
		Federal	Estatad
Recursos Humanos	1,472,760.00	1,259,613.00	213,147.00
Recursos Materiales	1,067,754.00	686,191.00	381,563.00
Servicios	299,166.00	131,352.00	167,814.00
<b>Total</b>	<b>2,839,680.00</b>	<b>2,077,156.00</b>	<b>762,524.00</b>

### 6. INDICADORES

Nombre del indicador	Fórmula	Unidad de medida
Reducción del nivel de infestación.	$\frac{\text{Nivel o \% de Incidencia o infestación Inicial} - \text{Final}}{\text{Nivel o \% de Incidencia o infestación Inicial}} \times 100$	%
Superficie Atendida	$\frac{\text{Superficie atendida}}{\text{Superficie programada a atender}} \times 100$	%
Eficiencia de Inversión	$\frac{\text{Inversión por hectárea operada}}{\text{Inversión por hectárea programada*}}$ *Resultado de dividir la superficie a atender y el recurso total programado a ejercer	%

## 7. HOJA DE FIRMAS

El presente Programa de Trabajo de la Campaña contra trips oriental (*Thrips palmi* Karny), que incide en el Estado de Yucatán, fue formulado por el Comité Estatal de Sanidad Vegetal, sancionado por la Delegación Estatal de la SAGARPA, la Secretaría de Desarrollo Rural del Gobierno del Estado y dictaminado por el SENASICA-DGSV. Tomando en cuenta que el documento fue leído, se firma a sabiendas que la operación se ajustará a la normativa aplicable y a los Criterios Técnicos y Administrativos específicos para la ejecución y operación del Subcomponente de Sanidad Vegetal emitidos por la DGSV.

### Por el Servicio Nacional de Sanidad, Inocuidad y Calidad Agroalimentaria

El Director General de Sanidad Vegetal

Dr. Francisco Javier Trujillo Arriaga

### Por la Delegación de la SAGARPA

El Encargado para desempeñar las funciones inherentes al cargo de  
Delegado Estatal de la SAGARPA en el Estado de Yucatán

Lic. Manuel Escoffie Pompeyo

### Por el Gobierno del Estado de Yucatán

El Secretario de Desarrollo Rural

Lic. Felipe Cervera Hernández

### Por el Comité Estatal de Sanidad Vegetal del Estado de Yucatán

El Presidente del Comité

C. Severo Enrique Escobedo Cortés

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