

updated 09/21/2017

**Pesticide Registrants (NAICS: 325300)**

Labor Category:	Formula	Managerial	Technical	Clerical
Unloaded Hourly Rate <sup>1</sup>	= W	\$ 56.84	\$ 30.60	\$ 19.92
Benefits Percentage <sup>2</sup>	Lb = B/W	46.4%	46.4%	46.4%
Benefits per hour	B = W*Lb	\$ 26.37	\$ 14.20	\$ 9.24
Loaded Hourly Rate	Wb = W + B = W(1+L)	\$ 83.21	\$ 44.80	\$ 29.16
Overhead Percentage <sup>3</sup>	Lo = OH/Wb	50%	50%	50%
Overhead per hour	OH = Wb*Lo	\$ 41.60	\$ 22.40	\$ 14.58
Fully Loaded Hourly Rate	Wf = Wb + OH = W +	\$ 124.81	\$ 67.19	\$ 43.74
1. Data Source: BLS	<a href="http://www.bls.gov/oes/current/naics4_325300.htm">http://www.bls.gov/oes/current/naics4_325300.htm</a>			May 2016 data
NAICS 325300 - Pesticide, Fertilizer, and Other Agricultural Chemical Manufacturing				Last Modified Date: September 21
Standard Occupational Codes:				
Management:	11-0000, Management Occupations			
Technical:	19-0000, Life, Physical, and Social Science Occupations			
Clerical:	43-0000, Office and Administrative Support Occupations			
2. Fringe benefits/wage per hour. The average for non farm, non federal civilian workers.				
3. U. S. Environmental Protection Agency, EPA Air Pollution Control Cost Manual, Sixth Edition, EPA-452-02-001, January 2002, pg. 2-34. The				

**STUDIES**

Table 1a. Respondent Burden and Cost Estimates per Submission - STUDIES

Collection Activities	Burden Hours (per study) by Labor Type			Total	
	Managerial	Technical	Clerical	Hours	Costs (\$)
	\$124.81	\$67.19	\$43.74		
Read Instructions	0.10	0.20	0.00	0.30	\$25.92
Create Information	0.00	1.00	0.00	1.00	\$67.19
Compile and Review	0.10	0.55	0.00	0.65	\$49.44
Complete Paperwork	0.00	0.10	0.50	0.60	\$28.59
Store and Maintain Data	0.00	0.20	0.50	0.70	\$35.31
Total (per study)	0.20	2.05	1.00	3.25	\$206.45
<b>Annual Submissions</b>	<b>237</b>				

Table 1b. Annual Respondent Burden and Cost Estimates - STUDIES

Labor Category	Burden Hours per Request	Number of Submissions	Total Annual Hours	Labor Rate (\$/hr)	Costs (\$)
Managerial	0.20	237	47	\$124.81	\$5,916
Technical	2.05	237	486	\$67.19	\$32,646
Clerical	1.00	237	237	\$43.74	\$10,367
<b>TOTAL (per year)</b>	<b>3.25</b>	<b>237</b>	<b>770</b>		<b>\$48,929</b>

**INCIDENTS**

Table 2a. Respondent Burden and Cost Estimates per Submission - INCIDENTS

Collection Activities	Burden Hours (per study) by Labor Category			Total	
	Managerial	Technical	Clerical	Hours	Costs (\$)
	\$124.81	\$67.19	\$43.74		
Read Instructions	0.00	0.10	0.00	0.10	\$6.72
Create Information	0.00	0.55	0.00	0.55	\$36.96
Compile and Review	0.25	0.60	0.00	0.85	\$71.52
Complete Paperwork	0.00	0.00	0.55	0.55	\$24.06
Store and Maintain Data	0.00	0.12	0.20	0.32	\$16.81
<b>Total (per incident)</b>	<b>0.25</b>	<b>1.37</b>	<b>0.75</b>	<b>2.37</b>	<b>\$156.06</b>
<b>Annual Submissions</b>	<b>107,798</b>				

Table 2b. Annual Respondent Burden and Cost Estimates - INCIDENTS

Labor Category	Burden Hours per Request	Number of Submissions	Total Annual Hours	Labor Rate (\$/hr)	Costs (\$)
Managerial	0.25	107,798	26,950	\$124.81	\$3,363,625
Technical	1.37	107,798	147,683	\$67.19	\$9,923,286
Clerical	0.75	107,798	80,849	\$43.74	\$3,536,422
<b>TOTAL (per year)</b>	<b>2.37</b>	<b>107,798</b>	<b>255,481</b>		<b>\$16,823,333</b>

**ALL SUBMISSIONS (STUDIES + INCIDENTS)**

Table 3. Total Annual Respondent Burden and Cost Estimates for Studies and Incidents

	Per Submission Estimates	Total Submissions Expected	Totals
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	Burden Hours	Costs (\$)	per Year	Burden Hours	Costs (\$)
Studies	3.25	\$206.45	237	770	\$48,929
Incidents	2.37	\$156.06	107,798	255,481	\$16,823,333
<b>TOTAL</b>			<b>108,035</b>	<b>256,252</b>	<b>\$16,872,261</b>

## TRAINING

Table 4. Registrant Burden and Cost Estimates for Training Activities

Training Activity	Burden Hours by Labor Category			Total (per activity)	
	Managerial	Technical	Clerical	Hours	Costs (\$)
	\$124.81	\$67.19	\$43.74		
Plan Training	0.50	0.10	0.00	0.60	\$69.13
Conduct Employee Training	0.50	1.50	1.00	3.00	\$206.94
Follow-up, Tracking	0.00	0.10	0.20	0.30	\$15.47
Total (per year)					
Plan Training	1,452	Based on the number of registrants			
Conduct Employee Training	14,520	Based on the assumption that each registrant trains 10 employees per year in 6a2 activities			
Follow-up, Tracking	1,452	Based on the number of registrants			
	<b>17,424</b>	Sum of all activities			

## ALL ACTIVITIES (STUDIES + INCIDENTS + TRAINING)

Table 5. Studies + Incidents + Training - Total Annual Respondent Burden and Cost for Respondents

Submission Type or Activity	Total Submissions or Activities each Year	TOTALS	
		Hours	Costs (\$)
Studies	237	770	\$48,929
Incidents	107,798	255,481	\$16,823,333
Training Activities	17,424	44,867	\$3,127,554
<b>TOTAL (per year)</b>	<b>125,459</b>	<b>301,118</b>	<b>\$19,999,815</b>



