

ATTACHMENT F

Wage Rates Calculation for Pesticide Registrants
(NAICS: 541710)

Labor Category:	Formula	Managerial	Natural Science Managers	Technical	Soil and Plant Scientists	Biological Scientists	Biological Technicians	Clerical
Unloaded Hourly Rate ¹	= W	\$70.98	\$75.35	\$36.46	\$33.25	\$37.86	\$21.49	\$21.09
Benefits Percentage ²	Lb = B/W	44%	44%	44%	44%	44%	44%	44%
Benefits per hour	B = W*Lb	\$30.95	\$32.85	\$15.90	\$14.50	\$16.51	\$9.37	\$9.20
Loaded Hourly Rate	Wb = W + B = W(1+Lb)	\$101.93	\$108.20	\$52.36	\$47.75	\$54.37	\$30.86	\$30.29
Overhead Percentage ³	Lo = OH/Wb	50%	50%	50%	50%	50%	50%	50%
Overhead per hour	OH = Wb*Lo	\$50.96	\$54.10	\$26.18	\$23.87	\$27.18	\$15.43	\$15.14
Fully Loaded Hourly Rate	Wf = Wb + OH = W + B + OH	\$152.89	\$162.31	\$78.54	\$71.62	\$81.55	\$46.29	\$45.43

1. DataSource: BLS http://www.bls.gov/oes/current/naics5_541710.htm **May 2010 data**
 NAICS - 541700 Research and Development in the Physical, Engineering, and Life Sciences
 Standard Occupational Codes:
 Management: 11-0000, Management Occupations
 Natural Science Managers: 11-9121, Natural Science Managers
 19-0000, Life, Physical, and Social Science
 Technical: Occupations
 Soil and Plant Scientists: 19-1013, Soil and Plant Scientists
 Biological Scientists: 19-1029, Biological Scientists, All Others

Biological Technicians:	19-4021, Biological Technicians
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 loading for indirect costs is within the range of 20-70% of the load labor rate (wage + benefits) suggested in EPA guidance.