

Medical Supervision Program
MEDICAL SUPERVISION WRITTEN AGREEMENT

I, _____ (Physician name), agree to provide medical supervision for
the employees of _____.
(Grower or Company)

I possess a copy of, and am aware of the contents of, the following documents:
Medical Supervision of Pesticide Workers - Guidelines for Physicians.

(Physician)

(Address)

(City, State, Zip)

(Telephone)

(Signed)

(Grower Name/Company)

(Address)

(City, State, Zip)

(Telephone)

(Signed)

Cholinesterase Testing for Monitoring Workers in the California Medical Supervision Program

1. **SCREEN THE WORKER** on the initial visit to be sure he/she can work with cholinesterase inhibiting pesticides.
2. **ESTABLISH BASELINE** cholinesterase activity levels *before* follow-up testing.
 - One test is required by regulation and consists of measuring RBC cholinesterase **AND** plasma cholinesterase (*not one or the other*).
 - Average of two tests is recommended by OEHHA. Details in [Guidelines](#).
 - **Do not use lab normal values for baselines.**
 - Always put blood samples on ice or store at 4°C immediately after drawing.
3. **LAB.** Only use a California Department of Public Health certified lab listed at: <http://www.cdph.ca.gov/certlic/labs/Documents/CHE%20LAB%20list%2001012007.pdf>
4. **INDICATE PURPOSE OF THE TEST** on the lab slip when ordering a cholinesterase activity test for this program. Use one of the following terms:

Baseline, Follow-up, or Recovery

5. **FOLLOW-UP TESTS** as required.
 - Once every 30-day qualifying period for first 3 follow-up tests.
 - If no problems detected, then at least once every 60 days (two 30-day qualifying periods) unless otherwise recommended by the physician.
 - More frequent testing is at the discretion of the physician.
6. **COMPARE FOLLOW-UP RESULTS TO THE BASELINE LEVELS** to evaluate for inhibition of cholinesterase and make recommendations, including:

Percent of Baseline Activity	RBC ChE	Plasma ChE
<80%	Prompt retesting of employee and evaluation of work practices by employer	
≤70%	Immediate removal of employee from further exposure	-
≤60%	-	Immediate removal of employee from further exposure

Provide a copy of test results and recommendations to the employer.

7. **INFORM WORKER OF RESULTS.** Must ensure that the tested worker receives a copy of the test results and any recommendations from the medical supervisor within 14 days of the medical supervisor receiving the results.
8. **RETURN TO WORK.** Determine when a worker removed from further exposure to these pesticides can resume working with them.
 - When cholinesterase activity levels return to ≥ 80 percent of *both* RBC and plasma cholinesterase baseline values