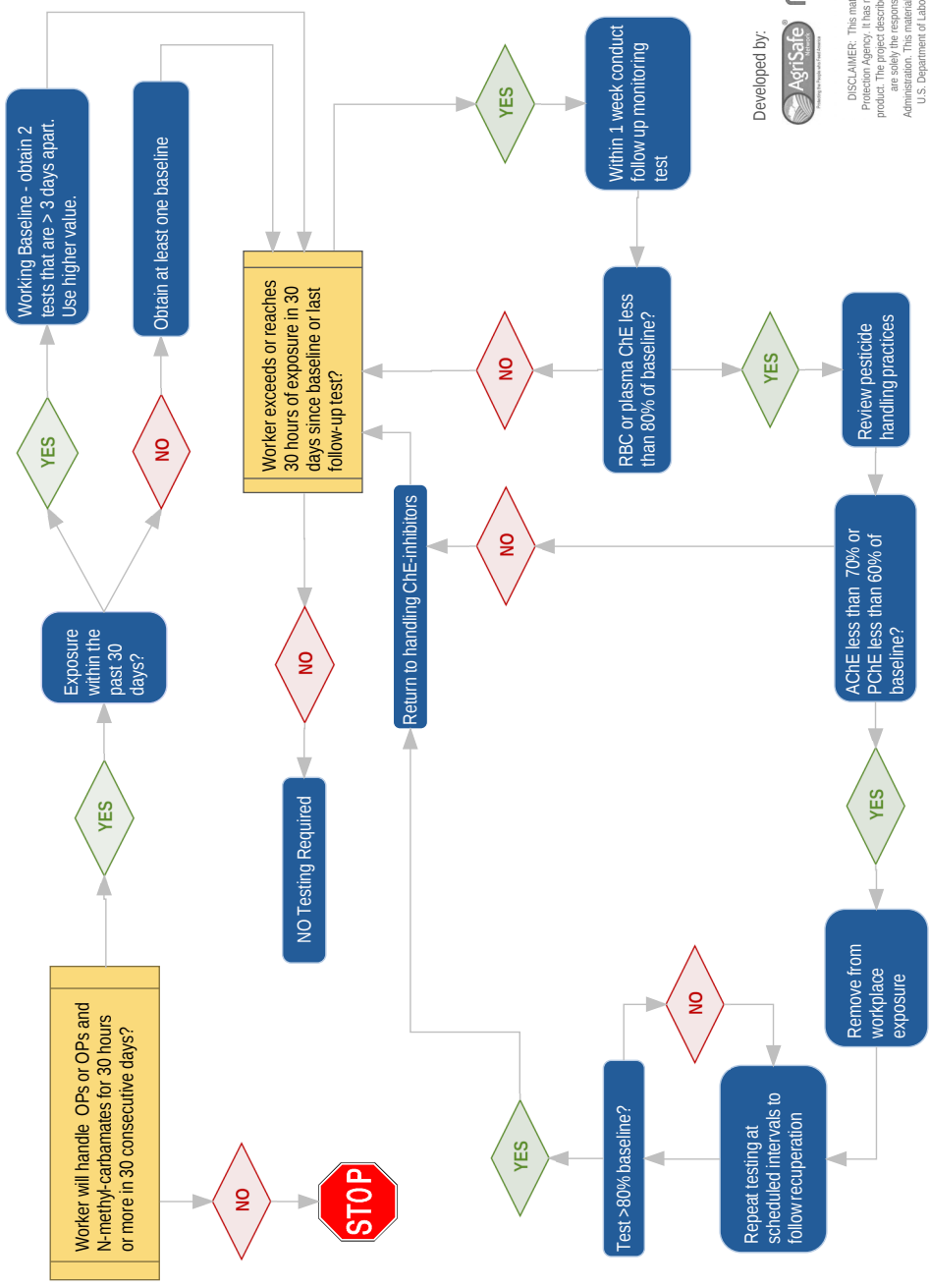


Cholinesterase Testing Protocol Algorithm



Threshold Exposure Level Definition:
Worker exceeds or reaches 30 hours of exposure in 30 days.

NOTES:

- Obtain baseline prior to pesticide work or 30 days exposure free
- RBC AChE and Plasma PChE recommended. Plasma PChE if only performing 1 test
- 2nd baseline recommended for improved precision but not essential
- Carbamates do inhibit cholinesterase but the cholinesterase reactivates quickly making testing an unreliable in predicting overexposure.

Days to repeat test:

- For RBC AChE: (% depression - 20) / 0.83 = # of days to repeat test
- For Plasma PChE: (% depression - 20) / 1.2 = # of days to repeat test

Developed by:

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