

LEAD SOIL CHECK

RANGE 0 TO 4000 PPM TEST STRIPS

480311
5 TESTS

Several lead compounds can potentially be found in soil. Common lead compounds include lead carbonate and lead oxide. Lead can cause serious health effects.

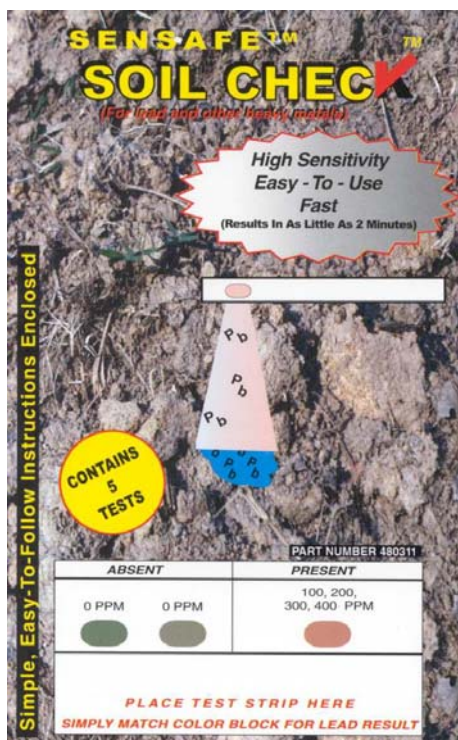
Inexpensive
Reliable
Accurate results
Pocket sized
On site testing

No mechanical reader is required.
Reproducible results
Portable
Easy to use.

Available as 5 tests(480311)

LEAD SOIL RANGE	480310
STEPS	3 (detection level dependant)
PPM/mg/L (%)	0 TO 400
INCREMENTS	0;0;100;200;300;400 PPM
TEST TIME	10 minutes maximum (detection level dependant)

For lead to be detected it must first be dissolved. This extraction process uses reagent A (vinegar with small amounts of non toxic reagent). Dithizone is used in the strip to detect free lead. A colour change from green to pink occurs as dithizone oxidises. Dithizone oxidises faster in the presence of lead, where lead acts as a catalyst for the oxidation process. (Note: Dithizone will typically oxidise in the presence of air after about 20 minutes). This test does not detect lead as lead chromate because the lead chromate cannot be extracted by vinegar alone.



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