



Is There An Alternative For Weed Control?

From the office of Richard Molinar and Michael Yang – UC Cooperative Extension Fresno County, and in conjunction with the U.S Environmental Protection Agency (EPA)



We learned that an organic chemical comes from natural living organisms or dead organisms such as plants and animals, and synthetic chemicals are mixtures of substances intended for killing, preventing, repelling and mitigating any pest.

Does soil solarization help keep my fields clean, and can it be used for organic certified farms? Is it safe?

Soil solarization can be very effective for weed control in certain areas in California and is usually done during the hot summer months, from mid-June through August in the Central Valley.

- * Solarization is an environmentally safe alternative method for controlling weed seeds and soil diseases. It is nontoxic, with no chemicals, and is very safe for all farms, including organically certified farms.
- * Soil solarization can also be used in combination with some chemicals, such as vapam (metham sodium) and others, for conventional farms as well. For more information, please consult with your local Agriculture Commissioner's office or local Farm Advisor for further assistance on reduced-risk pesticides.

Pesticide safety

A frequently asked question is "I have a problem. My farm has been infested with pests. What chemical could I use right away?" First, read the chemical label before you do anything, as the label usually contains all the important information. Follow label instructions and precautions you need to take, and store all chemicals in a locked and safe place out of the reach of children. When you are working with pesticides, you must know where to go for help.

Protect yourself with personal protective equipment when you apply pesticides. The four major parts of your body that can be exposed to a pesticide are (1) skin (2) eyes (3) nose and (4) mouth, so read the chemical label. The chemical label is the "law".

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Puas muaj tej yam yuav los pab tswj tej nroj tsuag?

Tshwm sim tuaj ntawm Richard Molinar thiab Michael Yang – UC Cooperative Extension Fresno County thiab nrog rau U.S Environmental Protection Agency (EPA)

Peb paub tias tej tshuaj thamabxaj (organic) yog los ntawm tej tsiaj los yog tej yam khoom muaj sia los. Thiab paub tias tej tshuaj (pesticide) yog cov uas luag muab ntau yam sib tov, los yog ntau yam tshuaj los sib xyaws siv los tua kab, ua kom kab khiav mus, thiab ua rau kom muaj tej yam tsis txhob huam loj tuaj.

Siv tshav ntuj los ncu av es nws puas yuav pab ua kom txhob muaj nroj thiab siv puas tau rau teb thamajxaj? Nws puas yuav muaj teeb meem?

Siv tshav ntuj los ncu av nws yeej pab tau kawg nyob rau tej cheeb tsam hauv California nov, ntau zaus mas nws siv nyob rau lub caij ntuj sov xws li lub Rau Hlisntuj mus txog rau lub Yim Hlisntuj nyob hauv lub loom tiaj Central Valley nod.

- *Siv tshav ntuj ncu av yog ib yam uas yuav los pab tej liaj teb kom txhob muaj nroj tuaj ntau, nws tswj tau tej noob nroj, tej kab mob thiab nws tsis muaj tshuaj nyob nrog. Siv tau rau teb thamabxaj tib yam nkaus.*
- *Siv tshav ntuj ncu av thiab muab tej tshuaj los tov nrog los yeej tau txhua yam liaj teb. Yog xav paub ntau ntxiv txog kev siv tshav ntuj ncu av thov hu rau koj lub County Ag Commissioner thiab hauv kev pab txog kev ua liaj ua teb Farm Advisor hoob kas.*

Ceev faj txog kev siv tshuaj

Muaj ntau leej tau noog tias “Kuv muaj teeb meem vim yog kuv thaj teb muaj kab los txov coob heev li, yog li no kuv yuav tsum tau siv tshuaj los tua tam sim no”. Ua ntej tshaj plaws koj yuav tsum nyeem daim ntawv qauv tshuaj qhia tso, daim qauv tshuaj muaj ntau yam lus ceeb toom yuav los pab koj. Koj yuav tau ua kom raws nraim li daim qauv (label) tau qhia muab koj tej tshuaj siv cia kom deb thiab muab xauv tsis pub menyuam yaus mus kov tau. Thaum koj ua num nrog tej tshuaj koj yuav tsum paub txog kev yuav mus kho mob nyob qhov twg uas yuas los pab tau.

Yuav tau looj tej khoom tiv thaiv koj thaum koj siv tej tshuaj tua kab. Muaj plaub yam ntawm koj lub nrog cev uas tshuaj yuav nkag tau rau yooj yim heev xws li nod (1) Tawv nqaij (2) Qhov muag (3) Qhov ntswg (4) Qhov ncauj, yam li no mas koj yuav tsum nyeem daim qauv tshuaj (label) vim daim qauv tshuaj nod yog luag txoj cai lij choj txhua tus yuav tsum tau paub.