

Hotline Question 3/1/16

In July, my gardener inadvertently sprayed Roundup Extended Control on some weeds near a navel orange tree. I found out later when I read the label that it should not be used near edible crops. Will the oranges be safe to eat when they begin to ripen in January?



- I don't know if your oranges would be safe to eat but I would not eat them. Edible crops that are treated with an herbicide or other pesticide are only safe to eat if you follow the product label. Since the herbicide product your gardener used was not labeled for use on oranges, the fruit may be contaminated and you should not eat it. I suggest you pick and discard all the fruit on the tree now. It is better to sacrifice the crop than to risk your family's health. New fruit that develops on the tree next year will probably be all right but you should confirm this by contacting the company that made the herbicide product.

- A variety of different herbicide products are sold under the trade name Roundup. The names of some are similar and it is important to read the label before you use any product. Roundup Weed and Grass Killer Concentrate (and Super Concentrate) and Roundup Weed and Grass Killer Concentrate Plus are labeled for use near fruit trees.

PRODUCT USAGE CHART

	Roundup® Weed & Grass Killer	Roundup® Extended Control Weed & Grass Killer Plus Weed Preventer	Roundup® Max Control 365	Roundup® Poison Ivy Plus Tough Brush Killer	Roundup® Weed & Grass Killer Plus FastAct® Select	Roundup® Concentrate Extended Control Weed & Grass Killer Plus Weed Preventer	Roundup® Weed & Grass Killer Concentrate Plus	Roundup® Weed & Grass Killer Super Concentrate
RECOMMENDED AREAS FOR USAGE								
ON PATIOS AND WALKWAYS	Blue	Grey	Grey	White	Blue	Grey	Red	Purple
ON DRIVEWAYS AND GRAVEL AREAS	Blue	Grey	Grey	White	Blue	Grey	Red	Purple
AROUND TREE RINGS AND IN MULCHED BEDS	Blue	Grey	Grey	Yellow	Blue	Grey	Red	Purple
ALONG FENCE LINES	Blue	Grey	Grey	Yellow	Blue	Grey	Red	Purple
ALONG FOUNDATIONS	Blue	Grey	Grey	Yellow	Blue	Grey	Red	Purple
IN OR AROUND FLOWER BEDS	Blue	White	White	White	Blue	White	Red	Purple
IN OR AROUND VEGETABLE GARDENS	Blue	White	White	White	White	White	White	Purple
LAWN RENOVATION AND GARDEN PREP	Blue	White	White	White	Blue	White	Red	Purple
REMOVING WOODY BRUSH	White	White	White	Yellow	White	White	White	White
POISON IVY, POISON OAK AND POISON SUMAC	White	White	White	Yellow	White	White	White	White
KUDZU AND WILD BLACKBERRY	White	White	White	Yellow	White	White	White	White
PERFORMANCE								
RAINPROOF IN:	10 MINUTES	10 MINUTES	30 MINUTES	30 MINUTES	10 MINUTES	30 MINUTES	30 MINUTES	30 MINUTES
VISIBLE RESULTS IN:	3 HOURS	3 HOURS	12 HOURS	24 HOURS	3 HOURS	12 HOURS	12 HOURS	4 DAYS

- Roundup Concentrate Extended Control Weed and Grass Killer and Roundup Extended Control Ready to Use Weed and Grass Killer each contain a systemic herbicide (glyphosate), a contact herbicide (diquat or pelargonic acid), and a pre-emergent herbicide (imazapic ammonium salt). Imazapic is quickly transported throughout all regions of a plant, including edible portions such as seed, leaves and fruit. It persists in soil and has a half life of 232 days according to www.toxipedia.org Animal studies indicate that ingesting imazapic over a prolonged period could be harmful.

- UC IPM:
<http://www.ipm.ucdavis.edu/TOOLS/PNAI/pnaishow.php?id=37>
- Herbicide Symptoms
<http://herbicidesymptoms.ipm.ucanr.edu/index.cfm>
- Using Roundup on citrus
<http://ucanr.edu/sites/Citrus/files/122914.pdf>