

## Insecticide Classes, Re-entry Intervals and EPA Registration Numbers

The re-entry interval is the time period required by federal law between application of pesticides to crops and the entrance of workers into those crops without protective clothing. Re-entry intervals serve to protect workers from possible pesticide poisonings. Growers, scouts and other farm laborers must effectively communicate when and where pesticides have been applied. Re-entry periods vary by product. Scouts should not enter fields until all re-entry intervals have expired. Safety is of utmost importance. Be sure to establish proper communication channels with all parties involved.

Producers are required to keep records, including EPA product registration numbers, of all insecticides applied to fields. Re-entry intervals and product registration numbers for products not listed below are provided on the insecticide labels.

<b>Insecticide*</b>	<b>Re-entry Interval (hours)</b>	<b>EPA Product Registration Number**</b>	<b>Insecticide*</b>	<b>Re-entry Interval (hours)</b>	<b>EPA Product Registration Number**</b>
Acramite	12	400-514	Discipline (P)	12	5481-517
Ammo (P)	12	279-3027-5905	Endigo ZC (P, CN)	24	100-1276
Altacor (D)	4	352-730	Force (P)	0	100-1075
Asana XL (P)	12	352-515	Furadan (C)	48	279-2876
Aztec (P, OP)	48	264-813	Gaucha Grande (CN)	12	264-968
Baythroid XL (P)	12	264-840	Hero (P)	12	279-3315
Belt (D)	12	264-1025	Intrepid (IGR)	4	62719-442
Bidrin (OP)	6 Days	5481-448	Intruder (CN)	12	8033-24-352
Bidrin XP (P, OP)	6 Days	5481-552	Javelin (Bt)	4	70051-66
Brigade (P)	12	279-3313	Karate (P)	24	100-1097
Brigadier (P) (CN)	12	279-3332	Lannate (C)	72	352-384
Capture (P)	12	279-3114	Larvin (C)	48	264-379
Carbine	12	71512-9-279	Leverage (P, CN)	12	264-770
Centric (CN)	12	100-1147	Lorsban (OP)	24	62719-220
Cobalt (P, OP)	24	62719-575	Malathion (OP)	12	See label
Comite II (OS)	7 Days	400-154	Methyl parathion (OP)	96	See label
Counter (OP)	48	5481-545	Monitor (OP)	48	264-729
Couraze Max (CN)	12	264-783-67760	Mustang Max (P)	12	279 - 3249
Cruiser (CN)	12	100-941	Oberon	12	264-850
Curacron (OP)	48	100-669	Orthene (OP)	24	59639-33
Delta Gold 1.5 (P)	12	264-1011-1381	Poncho (CN)	---	264-789
Denim (SA)	48	100 - 903	Pounce (P)	12	279-3051
Diamond (IGR)	12	66222-35-400	Portal (M)	12	71711-19
Dicofol 4 (OC)	12	66222-56	Prolex (P)	24	see label
Dimethoate (OP)	48	See label	Sevin XLR Plus (C)	12	264-333
Dimilin (IGR)	12	400-461	Sevin 80S (C)	12	264-316
Dipel (Bt)	4	73049-17	Steward (OX)	12	352-638
Di-Syston (OP)	48	264-734	Temik (C)	48	264-330

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Tracer (SPN)	4	62719-267	Warrior (P)	24	100-1112
Trimax Pro (CN)	12	264-855	Zeal	12	59639-123
Vydate CL-V (C)	48	352-532	Zephyr (SA)	12	100-897

\* The classes of insecticides listed above are identified by the following abbreviations: Bt, *Bacillus thuringiensis* (microbial); C, carbamate; CN, chloronicotinyl (= neonicotinoid); (D), Diamides; IGR, insect growth regulator; (M), METI- Acaricides, OX, oxadiazine; OC, organochlorine; OP, organophosphate; OS, organosulfur; P, pyrethroid; SA, synthetic avermectin; SPN, spinosad.

\*\* Registration numbers change with company brands, although the product name or active ingredient may be the same. Check the label to be sure.

## **Additional Brand Names of Commonly Used Active Ingredients (Generic Insecticides)**

<b>Active Ingredients (Common Brand Names)</b>	<b>Additional Brands with Same or Similar Active Ingredient*</b>
abamectin (Zephyr, Zoro)	Abba, Temprano
acephate (Orthene 90, Orthene 97)	Acephate 90, Acephate 97
bifenthrin (Brigade, Capture, Discipline)	Bifenthrin, Bifenture, Capture LFR, Fanfare, Sniper, Tundra
chlorpyrifos (Lorsban, Nufos)	Chlorpyrifos, Govern, Warhawk, Yuma
$\lambda$ -cyhalothrin (Karate, Warrior II)	Lambda, Lambda-Cy, LambdaStar, Silencer
cypermethrin (Ammo)	Cypermethrin, Up-Cyde
esfenvalerate (Asana XL)	Adjourn, S-FenvalorStar
imidacloprid (Trimax Pro, Couraze Max)	Alias, Imida, Imidacloprid, Nuprid, Pasada, Provado
methyl parathion (Methyl 4E)	Methyl Parathion 4E, Penncap-M 2E
permethrin (Pounce 3.2E)	Ambush 2E, Permethrin 3.2, Perm-Up
$\beta$ -cyfluthrin (Baythroid XL)	Tombstone (= cyfluthrin)
$\gamma$ -cyhalothrin (Prolex)	Proaxis
Z-cypermethrin (Mustang Max)	Respect

\* Read the insecticide label before making application. Although active ingredients are the same or very similar, brands often have different formulations, different labeled uses and different use rates. This information is provided for educational purposes, and some of the additional brands listed above have not been independently evaluated by the University of Tennessee.