**Appendix 1-3. Abbreviated Use Summary Table for Diazinon**

**Table B 1-3.1** is an abbreviated version of a use summary table agreed to by the registrants for agricultural uses. **Table B 1-3.2** summarizes the registrations for cattle ear tag uses of diazinon.

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| --- |
|  |
| Possible aggregate use patterns, not disallowed by the labels, highlighted in Red (currently do not include crop cycles per year) |  |  |  |
| TX SLN stuff is in peach  |  |  |  |
| crop categories in blue |   |   |   |   |   |   |  |  |  |
| ADAMA comments shown in red and orange highlighting. |  |  |  |  |  |  |  |
| **Table B 1-3.1. Diazinon use summary - revisions 9.24.14 by K. Nguyen, Katrina White updated CA-050002 SLN summary based on email received from K. Nguyen on 11/26/2014.** |  |  |
| **Uses** | **App Timing** | **App type\*\*** | **Formulation** | **Max App rate / App (ai/A)** | **# of applications/year unless otherwise specified** | **Max app rate/year (lbs a.i./A/yr)** | **CC per yre** | **MRI (days)** | **Comments** | **Labels** |
| Tree Nuts |
| Almonds | Dormant | Ground, airblast | WP | 3 | 1 | 3 | 1 | -- | CA only.  | 66222-10\* |
| WP, EC | 2.99 - 3 | 1 | 3 | -- | CA only. Some labels do not specify a maximum number of applications per year. | 5905-248, 66222-9, 19713-492, 19713-91, 66222-103 |
| Filberts | With infestation | Ground, airblast | WP, EC | 0.5 | 1 | 0.5 |   | -- | WA only. Filbert leafroller, aphids | 5905-248,66222-9, 66222-10 |
| Stone Fruit |
| Apricot | Dormant, Foliar | Ground, airblast | WP, EC | 2 | 2 (1 foliar, 1 dormant) | 4\* | 1 | 60 Days between Dormant App & In-Season Application; 120 Days between Dormant App & Post Harvest Application |   | 5905-248, 66222-9, 66222-10, 19713-492, 19713-91, 66222-103 |
| Cherries | Dormant, Preharvest, Post-harvest | Ground, airblast | WP, EC | 2 | 2 (1 foliar, 1 dormant) | 4 | 1 | 30 Days between Dormant App & In-Season Application;90 Days between Dormant App & Post Harvest Application |   | 5905-248, 66222-9, 66222-10, 19713-492, 19713-91, 66222-103 |
| Peaches, Nectarines | Dormant, foliar, post-harvest | Ground, airblast | WP, EC | 2 | 2 (1 foliar, 1 dormant) | 4\* | 1 | 60 Days between Dormant App & In-Season Application; 120 Days between Dormant App & Post Harvest Application (Postharvest application not labeled for nectarines) |   | 5905-248, 66222-9, 66222-10, 19713-492, 19713-91, 66222-103 |
| Plums, prunes | Dormant and Foliar | Ground, airblast | WP, EC | 2 | 2 (1 foliar, 1 dormant) | 4\* | 1 | 60 Days between Dormant App & In-Season Application; 120 Days between Dormant App & Post Harvest Application |   | 5905-248, 66222-9 66222-10, 19713-492, 19713-91, 66222-103 |
| Berries |
| Blueberries | Foliar and ant control | Ground, Airblast | WP, EC | 0.5 - 1 | 2 (1 foliar, 1 ant control) Yr  | 2 | 1 | 30 | 0.5 lbs a.i. per ant mound but also has limitation for lbs per acre | 5905-248, 66222-9, 66222-10, 19713-492, 19713-91, 66222-103 |
|   | Ant mounds | 0.5 - 1 |   |
| Caneberriesg | Foliar spray or drench to crown and lower canes before bud break | Ground, Airblast | WP, EC | 1.99-2 | 1 | 2\* | 1 | Single application allowed per year | CA, OH, OR, and WA only | 5905-248, 66222-9, 66222-10, 19713-492, 19713-91, 66222-103 |
| Cranberries | Foliar | Ground, Airblast | WP, EC | 3 | 3 | 9\* | 1 | 14 | Larval stage for blackheaded fireworm, berry inspection for eggs or larval for cranberry fruitworm, and cranberry tipworm. | 5905-248,66222-9, 66222-10, 19713-492, 19713-91, 6222-103 |
| Strawberries | Foliar, before plant | Ground, Soil inc. | WP, EC | 1 | 2 (1 foliar, 1 soil) | 2 | 1 | 30 | For soil application, broadcast before transplant and then incorporate 1-2 inches | 5905-248, 66222-9, 66222-10, 19713-492, 19713-91, 66222-103 |
| Figs | With infestation | Ground, Airblast | WP, EC | 0.5 | 1 | 0.5\* | 1 (USDA, 1999b) | -- | CA only. Vinegar flies-drosphilia spp., dried fruit beetle | 5905-248, 66222-9, 66222-10 |
| Vegetable Crops  |
| Beans, succulent | Before planting | Soilf inc. | WP, EC | 4 | 1 | 4\* | 1 Spring and 1 Fall Crop | -- | Incorporation depth 1-8 inches | 5905-248, 66222-9, 66222-10 |
| Parsley | Before planting | Soilf inc. | EC | 4 | 1 | 4 | 2 | NA | TX only. Incorporation depth 2-8 inches depending on pest | TX-040026 |
| Swiss Chard | Before planting | Soilf inc. | EC | 4 | 1/cc | 4/cc | 2 | NA | TX only. Incorporation depth 2-8 inches depending on pest | TX-040026 |
| With infestation | Foliar | 0.5 | 5/cc | 2.5\* | 7 | TX only. |
| Aggregate TX | Combined soil inc. and foliar applications allowed in TX. | 6/cc | 6.5/cc | 2 | -- | Aggregate applies to TX only. | -- |
| Cucumbers,  | Before planting | Soilf inc. | EC | 4 | 1/ | 4\* | 1 | NA | TX only. Incorporation depth 2-8 inches. | TX-040026 |
| With infestation | Foliar | 0.5 | 5/ | 2.5\* | 7 |
| Aggregate TX | Combined soil inc. and foliar applications allowed in TX. | 6/cc | 6.5\*/cc | 1 | -- | Aggregate applies to TX only. |
| Summer and winter squash | Before planting | Soilf inc. | EC | 4 | 1/cc | 4\* | 2 | 7 | PHI (Summer squash 3) (winter squash and cucumbers 7)  | TX-040026 |
| With infestation | Foliar | 0.75 | 5/cc | 3.75\* |   |
| Aggregate TX | Combined soil inc. and foliar applications allowed in TX. | 6/cc | 7.75/cc | 2 | -- | Aggregate applies to TX only. |
| Sweet potato | Before planting | Soilf inc. | EC | 4 | 1 | NS | 1 |   | Sweet potato incorporation depth is 4-8 inches. | TX-040026 |
| Cole cropsa, Endive | Before planting | Soilf inc. | WP, EC | 4 | 1 | 4\* | 2 | -- | Incorporation depth 2-8 inches | 5905-248,66222-9, 66222-10, 19713-492, 19713-91, 66222-103  |
| 1 | 1\* | Incorporation depth 1-2 inches |
| Cole Cropsb | At transplant | Spray to base of plant with tractor mounted drop nozzle | WP, EC | 0.25, 1, 3.75, 4.00 | 1 | 4 | 2 | -- |   | 5905-248, 66222-9, 66222-10, 19713-492, 19713-91, 66222-103 |
|
| Ginseng | At infestation | Ground | WP, EC | 0.5 | 1 | 0.5\* | less than 1 (multi year crop) | -- | Leafhoppers, aphids, lygus bugs, flea beetles, jumping plant lice | 5905-248, 19713-91, 66222-103, 66222-9 |
| Lettuce | Before planting | Aerial or ground to Soilf inc. | WP, EC | 2 | 2 (1 foliar, 1 soil) | 4 | 2 | 30 | Incorporate 2-8 inches | 5905-248, 66222-9, 66222-10, 19713-492, 19713-91, 66222-103 |
| 1 | Incorporate 1 to 2 inches |
| Foliar, with infestation | Aerial or Ground | 0.5 | Aphids, Dipterous, leafminer |
| Melons | Before planting | Soilf inc. | WP, EC | 4 | 1 soil only; 2 (1 soil, 1 foliar honeydew only) | 4 |   |   | Incorporate 2-8 inches | 5905-248, 66222-9, 66222-10, 19713-492, 19713-91, 66222-103 |
| Foliar (honeydew only) | Ground | 0.74-0.8 | 0.8 |   | 30 |   |   |
| Onions and other bulb vegetablesd | Before planting | Soilf inc. | WP, EC | 4 | 1 | 4\* | 2 | -- | Incorporate 3-8 inches | 5905-248, 66222-9, 66222-10, 19713-492, 19713-91, 66222-103 |
| peas | Before planting | Soilf inc. | EC | 4 | 1 | 4\*/cc | 1 | -- | TX only. | TX-040026 |
| With infestation | Foliar |   | 0.5 | 3 | 1.5/cc | -- | TX only. |   |
| Aggregate TX | Combined soil inc. and foliar applications allowed in TX. |   |   | 4 | 5.5\*/cc | -- | Aggregate only applies to TX. | -- |
| Peppers | Before planting | Soilf inc. | EC | 4 | 1/cc | 4\*/cc | 1 | NS | May only be used in TX, GA, and CA only. Incorporate 2-8 inches. In CA, do not apply within a distance of 100 feet of lakes, ponds,streams and estuaries unless a suitable method is used to contain or divert runoff waters. In CA, must incorporate 4-8 inches. | TX-040026, GA-020003, CA030014 |
| Before planting | Soilf inc. | 1 | 1/cc | 1\*/CC | NS | May only be used in TX and GA only. Incorporate 1-2 inches |   |
| With infestation | Foliar | 0.5 | 5/cc |   | 7 | May only be used in TX. |   |
| Aggregate TX | Combined soil inc. and foliar applications allowed in TX. | 6/cc | 5\*/cc | -- | Aggregate only applies to TX. | -- |
|  Spinach | Before planting | Soilf inc. | WP, EC | 4 | 1 | 4 | 2 | 1 |  Incorporate 1-2 inches for 1 lb a.i./A and 2-8 inches for 4 lbs a.i./A.  | 5905-248, 66222-9, 66222-10, 19713-91, 66222-103 |
| Red beet, radishes, carrots, rutabagas | Before planting | Soilf inc. | WP, EC | 4 (rutabegas 3-4) | 1/yr | 4\* | red beets - 2 radishes 2- 3 carrots and rutabagas - 1 (in California) |   | Incorporate 2-8 inches for 4 lbs a.i./A.  | 5905-248, 66222-9, 66222-10, 19713-492, 19713-91, 66222-103, |
| 1 | 1\* | Incorporate 1-2 inches for 1 lb a.i./A |   |
| Turnips | Before planting | Soilf inc. | EC | 4 | 1/cc | 4\*/cc | 2-3 | 3 | May only be used in TX and GA. Incorporate 2-8 inches. | TX-040026, GA020002 |
| 1 | 1/cc | 1\*/cc | 3 | May only be used in TX and GA. Incorporate 1-2 inches. |   |
| As insects occur | Foliar | 0.5 | 5/cc | 2.5\*/cc | 3 | May only be used in TX. Treat aphids, flea beetles, leafminers |   |
| Aggregate TX | Combined soil inc. and foliar applications allowed in TX. | 6 | 6.5\*/cc | -- |   | Aggregate only applies to TX. | -- |
| Potatoes | Before planting | Soilf inc. | WP, EC | 4 | 1/ | 4 | 1 | -- | WA040034 has a 25 foot buffer (for ground applications) between application and fish bearing water to protect endangered species.DE, ID, OH, OR, TX and WA only. Incorporate 4-8 inches (DE, WA, OR). Incorporate 2-8 inches (ID, OH, TX) | WA040034, ID030018, ID020003, OH070003, DE060001, TX-040026, (supplement to 66222-9 and 5905-248) |
| Tomatoes | Before planting | Soilf inc. | WP, EC | 3.75-4 | 1 | 3.75-4\* | 1-2 (not back to back) | -- | Incorporate 2-8 inches | 5905-248, 66222-9, 66222-10, 19713-91, 19713-492, 66222-103  |
| WP, EC | 1 | 1\* |   | -- | Incorporate 1-2 inches | 5905-248, 66222-9, 66222-10, 19713-492, 19713-91 |
| ~~With infestation~~ | ~~Foliar~~ | ~~EC~~ | ~~0.8~~ | ~~5~~ |  |  | ~~7~~ | ~~Vinegar flies~~ | ~~19713-91~~ |
| Aggregate US | Combined soil inc. and foliar applications. | 6 | 8 |   | -- | -- | -- |
| Parsnips | As insects occur  | Foliar | EC | 0.996 | 5 | 5\* | 1 | 7 |   | TX-040026 |
| Pome Fruit |
| apples | Dormant and Foliar | Ground, airblast | WP | 2 | 2 (1 dormant/ 1 foliar) | 4\* |   | 14 |   | 19713-492 |
| Dormant, Delayed dormant, Foliar | Ground, airblast | WP, EC | 2 | 2 (1 dormant/1foliar) | 4\* | 60 Days between Dormant App & In-Season Application; 120 Days between Dormant App & Post Harvest Application |   | 66222-10, 66222-103 |
| pears | Dormant, Delayed Dormant and foliar | Ground, airblast | WP, EC | 2 | 2 (1 foliar, 1 dormant) | 4\* |   | 70 Days between Dormant App & In-Season Application |   | 66222-10, 19413-492, 66222-103 |
| Other |
| Pineapple | foliar | Ground, airblast | WP | 1 | 2 | 2\* | less than 1 (multi year crop) | 28 |  NS MRID is on 19713-492. | 66222-10, 19713-492 |
| Ornamentals grown outdoor in nurseries (trees, bushes, herbs, nonflowering plants, flowers, shrubs, vines) | Nursery stock | Ground, Airblast | WP, EC | 1 | 1/cc | 1\*/cc | Varies 1 to several | -- | Commercial grown ornamentals in outdoor nurseries | 5905-248, 66222-9, 66222-10, 19713-492, 19713-91, 66222-103 |
| **Application made when infestation occurs** | soil drench of compromised containerized nursery stock in quarantine | EC | 5 | 3 | 15 |   | 14 |   | CA-050002h |
| NS=not specified; inc.=incorporated; CC=Crop Cycle; PHI=Preharvest interval\*Maximum yearly application rate was calculated as the maximum single application rate times the maximum number of applications.a Cole Crops include: broccoli, broccolini, Brussels sprouts, cabbage, cauliflower, broccoflower, kale, mustard greens, and collards.b Includes broccoli, broccolini, Brussels sprouts, cabbage, cauliflower, and broccoflowerc Melons include cantaloupes, casabas, crenshaws, honeydews, muskmelons, Persians and hybrids, and watermelons.d Includes bulb and green onion, garlic, leeks, spring onions or scallions, Japanese bunching onions, green shallots, and green escholats. |
| f Broadcast then immediately incorporate into soil.g Caneberries include blackberries, boysenberries, loganberries, raspberries, dewberries.h Apply only with County Ag Commissioner permission to control fruit fly. Fruit must be removed before application. |

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| **Table B 1-3.2. Cattle Ear Tags** |
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| **EPA registration number** | Amount a.i. per tag | **Ingredients** |
| Tags per animal |
| 11556-123 | 0.5 oz. per tag (0.1 oz. a.i./tag) | 20% diazinon |
| 2 tag per animal | 20% coumaphos |
| 61483-80 | 2 tag per animal | 40% diazinon |
| 15 g per tag (6 g a.i./tag) |
| 61483-78 | 15 g per tag (3 g a.i./tag) | 20% diazinon |
| 2 tags per animal |
| 39039-6 | 15 g per tag (4.5 g a.i./tag) | 30% diazinon |
| 2 tag per animal | 10% chlopyrifos |
| 39039-3 | 15 g per tag (3.2 g a.i./tag) | 21% diazinon |
| 2 tags per animal |
| 11556-148 | 14 g per tag (4.9 g a.i./tag) | 35% diazinon |
| 2 tags per animal | 15% coumaphos |