

Using Rodenticides

Reading a Pesticide Label



Carefully read labels before handling, mixing, applying, storing, and disposing of pesticides.

Required Minimum Label Components

- The following label information must be on or “securely attached” to the product.
- Name and address of the producer or registrant
- Restricted use statement (if required)
- Product name, brand or trademark
- Ingredient statement
- Signal word, including skull & crossbones, if either are required
- "Keep Out Of Reach Of Children" precautionary statements, including Hazards to Humans & Domestic Animals and Environmental Hazards
- EPA registration and establishment numbers
- Either directions for use or a referral statement to directions for use in booklet, if any
- Net weight or measure of contents

ALFALFA Alfalfa Wooded Large
Egyptian Alfalfa Weevil Larvae, Pea
Aphid, and in New York state for
Short Grass carp. Apply the
amount of D-Phos indicated in the
chart, when feeding is initiated if
or when insects appear. Alfalfa Weevil
Adults - Apply 1/2 ounce per acre when
insects appear. Lygus Bugs - Apply 2
ounces per acre prior to bloom. Observe
the indicated number of days after ap-
plication before cutting or grazing. Do
not apply more than once per season.
Apply only to fields planted to pure
stands of alfalfa.

Price of the Paper per Day	Do not Cut on Edge Width
4	7 days
5	10 days
6	20 days

me	Clerk	one	two	three	four
five	six	seven	eight	nine	ten
eleven	twelve	thirteen	fourteen	fifteen	sixteen
seventeen	eighteen	nineteen	twenty	twenty one	twenty two
twenty three	twenty four	twenty five	twenty six	twenty seven	twenty eight
twenty nine	thirty	thirty one	thirty two	thirty three	thirty four
thirty five	thirty six	thirty seven	thirty eight	thirty nine	forty
forty one	forty two	forty three	forty four	forty five	forty six
forty seven	forty eight	forty nine	fifty	fifty one	fifty two
fifty three	fifty four	fifty five	fifty six	fifty seven	fifty eight
fifty nine	sixty	sixty one	sixty two	sixty three	sixty four
sixty five	sixty six	sixty seven	sixty eight	sixty nine	seventy
seventy one	seventy two	seventy three	seventy four	seventy five	seventy six
seventy seven	seventy eight	seventy nine	eighty	eighty one	eighty two
eighty three	eighty four	eighty five	eighty six	eighty seven	eighty eight
eighty nine	ninety	ninety one	ninety two	ninety three	ninety four
ninety five	ninety six	ninety seven	ninety eight	ninety nine	a hundred

MINIMUM QUALIFICATION REQUIREMENTS: For persons of Indian ancestry who are not with tribal enrollment, the minimum for this work is none.

RELOCATING Corn Rootworms. The 1½ bushels of De Peco per 12,000 sq ft rate 1½ cups with 60 cubic inches of water, or planting as a 7-inch band over the row or spot on each side of the row by mixing with fertilizer or soil particles, when De Peco is used with liquid fertilizers, mix in the fertilizer covering band that the insecticide is physically incorporated. Promote 3 parts of De Peco with 2 parts of water. Add this mixture to the tank of fertilizer along with manure from the producing companion. Monitor application on the tank after mixing and during application. Do not mix with highly toxic insecticides.

SWEEP CORN: 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 2669 2670 2671 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682 2683 2684 2685 2686 2687 2688 2689 2690 2691 2692 2693 2694 2695 2696 2697 2698 2699 2700 2701 2702 2703 2704 2705 2706 2707 2708 2709 2710 2711 2712 2713 2714 2715 2716 2717 2718 2719 2720 2721 2722 2723 2724 2725 2726 2727 2728 2729 2730 2731 2732 2733 2734 2735 2736 2737 2738 2739 2740 2741 2742 2743 2744 2745 2746 2747 2748 2749 2750 2751 2752 2753 2754 2755 2756 2757 2758 2759 2760 2761 2762 2763 2764 2765 2766 2767 2768 2769 2770 2771 2772 2773 2774 2775 2776 2777 2778 2779 2780 278

[illegible]

1 **DE PESTO**
INSECTICIDE
EMULSIFIABILE CONCENTRATO

② ACTIVE INGREDIENT:	pertho- <i>tri</i> -salicylic acid	45.0%
INERT INGREDIENTS:		55.0%
TOTAL:		100.0%

THIS PRODUCT CONTAINS 4.0 LBS OF PESTICIDE PER GALLON

KEEP OUT OF REACH OF CHILDREN
DANGER - POISON



10 STATEMENT OF PRACTICAL TREATMENT

40 SALES LOAN involve borrowing to grow a commitment of sale of a good or service. Repaid with interest later. Can a phrase be understood?

41 SALES involve to buy or to provide an opportunity.

42 SALES Push your own goods or service for or sell to others. Can a phrase be understood?

43 SALES To sell or to provide an opportunity to sell and grow.

SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS

③ MFG BY A Z CHEMICALS
TOWN STATE

EPA EST. NO. 00475

EPA REGISTRATION NO. 135742

Parsons by providing an intelligent, on-site technical support team. The next day, Austin contacted with Smith. When a crew of six arrived at a type owned by the Mining Engineering Safety Alliance (MESA) and the National Institute for Occupational Safety & Health (NIOSH) for the first time, they found a large number of workers and a large number of workers.

TO PHYSICIAN: Dr. Fodor is a practicing
ophthalmologist in Chicago. Dr. Fodor was
on duty until 2 P.M. Give Atropine
2mg. intravenously or subcutaneously. If
in eye clinic and drop of Homatropine

11 ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Birds feeding on treated areas may be killed. Keep out of streams of water. Do not spray where run-off is likely to occur. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment or disposal of excess. This product is toxic to bees and should not be applied when bees are active visiting the area.

PHYSICAL OR CHEMICAL HAZARDS

Page 1 of 1

DIRECTIONS FOR USE

It is a violation of Federal law to use this product on a pregnant woman or while breastfeeding.

12 RE ENTRY STATEMENT

the high prices and limited free days after regular season.

CATEGORY OF APPLICATOR

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13 STORAGE AND DISPOSAL

STORAGE: Store in original container. Do not store near acids, bases or flammables. Keep container tightly closed. Do not use for other purposes intended for consumption. For fumigation or similar.

DISPOSAL - Dispose by burning in a safe place.

CAUTION: Local, State or Federal Authorities for special instructions on the disposal.

NET CONTENTS, ONE GALLON

1. Product Name

- The product name, which may include a brand or trademark, must appear on the front panel of the label
- Examples of product brand names
 - **DuPont™ Cinch® herbicide**
 - **Tradewind® Aquatic Herbicide**
 - **Presidio® Fungicide**

2. Ingredients–Activity and Percentage.

- The chemical name of the product as well as common name may also be included.
- The ingredient statement on the label must include the identity and percentage of each active ingredient and the total percentage of the inert ingredients.

ACTIVE INGREDIENT.....	XX%
INERT INGREDIENTS (or Other Ingredients.....	<u>XX%</u>
(Total).....	100%

3. Name and Address of the Manufacturer

- The company name and address given on the label are the name and address of the registrant or the manufacturer.
 - This information will allow the user to contact the manufacturer or responsible party if needed.

4. EPA Establishment Number

- The U.S. EPA Establishment Number must appear on the label or the container. This identifies the location at which the product was produced.
- The first set of digits is the number assigned by U.S. EPA to the firm. The middle letters indicate the state or, if outside the U.S., the country in which the establishment is located. The last number is the number assigned to the establishment.
- For example: EPA Est. 0000-WIS-0000.

5. EPA Registration Number

- EPA Reg. No. 00000-00000
- The first set of digits is the company firm number. The second set of digits is the number assigned to the product.
- U.S. EPA Registration Numbers are not assigned until the product has completed the registration process at U.S. EPA.

6. Statements of Use

- Pesticides are classified as general or restricted use.
- For federally restricted products, the statement "Restricted Use Pesticide" with a summary statement of the terms of restricted use must be at the top of the label's front panel.
- California restricted materials can be found in 3 CCR, section 6400. They do not require specific labeling. California restricted materials are regulated through permits, not specific labeling requirements.

7. Directions for Use

- Site of application such as crops, animals, areas, or objects to be treated
- Target pests for each site. If a pest is listed on the label, directions for use must be included for that pest.
- Dosage rate for each site and pest
- Method of application
- Dilution instructions (when applicable)
- Frequency and timing of applications (including pre-harvest intervals and REI when applicable)

Directions for Use Cont.

- Carcass disposal for rodenticide products:
 - Survey area for carcasses.
 - Bury or double bag and dispose in garbage.
- Can also contain prohibitions:
 - Do not **Pile** bait.
 - Do not graze livestock while bait is present.
 - Do not apply in homes.

8. Signal word

- The signal word is required on the front panel of the label and is determined by the toxicity category of the product.

Category I = DANGER*

Category II = WARNING

Category III = CAUTION

Category IV = not required

*If the product is a Category I pesticide because of its oral, inhalation, or dermal toxicity, the word "POISON" must appear in red on a contrasting background and skull and crossbones must appear in immediate proximity to the word "POISON." This is in addition to the required signal word "DANGER."

9. Precautionary Statements

- Precautionary statements indicating hazard to human and domestic animals must be stated under the general heading "Precautionary Statements" and under the subheading "Hazards to Humans and Domestic Animals." These statements must be immediately preceded by the signal word.
- Precautionary statements are based on results of the acute toxicity studies.
- Include PPE to mitigate exposure.
- Every label must bear the statement "Keep Out of Reach of Children."

Sample Precautionary Statement

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

Causes eye irritation. Harmful if swallowed, inhaled or absorbed through the skin. Do not swallow, get in eyes, on skin or breathe spray mist.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standards (WPS) for agricultural pesticides [40 CFR 170.240(d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

Endangered Species Section

- This section is generally included right after the precautionary statement section.
- There may be specific restrictions on where and how the pesticide is used in endangered species habitat.
- For additional information on endangered species habitat and restrictions contact your local County Agricultural Commissioner's office or <http://www.cdpr.ca.gov/docs/endspec/index.htm>

10. First Aid Statement*

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- A first aid statement is required on all pesticide product labels that are toxicity Category I, II, or III due to oral, inhalation, or dermal toxicity, or are Category I or II for skin or eye irritation.
 - This is required on the front panel for Category I products or elsewhere if approved by U.S. EPA. It is permissible to have referral statements such as, "See First Aid statement on Back Panel."
 - Pesticide Safety Information Series A-4 contains additional information on First Aid.
- * The First Aid Statement and the Statement of Practical Treatment are synonymous

11. Environmental Hazards Statements

- Environmental hazards statements are required if a hazard to the environment, including non-target organisms, exists. These must be stated under the general heading “Precautionary Statements” and under the subheading “Environmental Hazards.”

12. Restricted Entry Interval (REI)

- The period of time immediately following the application of a pesticide during which unprotected workers should not enter a field.
- California may impose more stringent REI than is required on the labeling based on available worker protection regulations.
- Whenever there is a labeling REI and a regulatory REI for an application, the longer REI must be followed.

13. Storage and Disposal Directions

- Labels for pesticide products are required to bear instructions for the storage and disposal of pesticides and pesticide containers.
- Storage and disposal instructions cover the appropriate storage of the pesticide product, disposal of any unused pesticide product or any rinse liquids resulting from cleaning of pesticide application equipment, and the disposal of the pesticide container.

Material Safety Data Sheet

- The Occupational Safety and Health Administration (OSHA) has direct authority over MSDSs.
- Contains additional information including reactivity, health, and fire and explosion hazards
- When an MSDS is distributed with a pesticide it becomes a part of the registered label.

Deviations from Labeling

- In some cases it is permissible to deviate from the label:
 - FIFRA Section 2(ee)
 - Use at any dosage, concentration, or frequency less than specified on the labeling.
 - Use against any target pest not specified on the labeling as long as the use site is on the label.
 - Methods of application not prohibited on the labeling.

Where Can I go for More Information?

- The United States Environmental Protection Agency

- <http://www.epa.gov/pesticides>

- The California Department of Pesticide Regulation
- http://www.cdpr.ca.gov/docs/registration/manual/chapter_02.pdf



Thank you!

