

U.S. LABEL

Reason to Issue: To add claims for use on asparagus and raspberries. 4/17/84 Draft: Revise "Remarks" for raspberries. 11/27/84 Draft: Delete claims for asparagus and revise "Remarks" for raspberries; add "Restricted Use Pesticide" block. 1/17/85 Draft: Revise to claim "nematodes" instead of "lesion nematodes".

Date of Draft: 1/17/85 (Pre-Reg) (H)
Supersedes Pre-Reg Draft Dated: 11/27/84

EPA Reg. No. 3125-283

RESTRICTED USE PESTICIDE

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicators Certification

® NEMACUR 3

EMULSIFIABLE SYSTEMIC NEMATOCIDE

ACTIVE INGREDIENT:

Ethyl 3-methyl-4-(methylthio)phenyl
(1-methylethyl)phosphoramidate 35%

ACCEPTED

JUL 25 1985

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 3125-283

AMENDMENT TO PREVIOUSLY REGISTERED LABELING

Add the Following:

BEST AVAILABLE COPY

RECOMMENDED APPLICATIONS

CROP	PEST	DOSAGE NEMACUR 3 BROADCAST GALLONS/ACRE	REMARKS
Raspberry	Nematodes	2 to 4	Apply as a broadcast spray to established plantings during the period (October 1 to December 31) when adequate rainfall can be expected. Apply in sufficient water to insure uniform distribution (15 to 100 gal. of spray mixture per acre). Direct spray to the soil surface and the base of the plants. Do not apply within six months of harvest. Do not apply more than once per year. Use the high rate in fields with high populations of nematodes or in fields having a history of serious nematode damage.

RESTRICTED USE PESTICIDE

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Nemacur 3

Systemic Insecticide-Nematicide

908443

483070

For effective control of nematodes in certain field and fruit crops.

ACTIVE INGREDIENT:

Ethyl 3-methyl-4-(methylthio)phenyl (1-methylthio)phosphoramidate 35%

INERT INGREDIENTS: 65%
100%

EPA Reg. No. 3125-283

Contains 3 pounds of ethyl 3-methyl-4-(methylthio)phenyl (1-methylthio)phosphoramidate per gallon.

STOP—Read the label before use.

Keep out of reach of children.

DANGER POISON

See back side for Statement of Practical Treatment and Additional Precautionary Statements

PELIGRO

PRECAUCION AL USUARIO: Si usted no puede leer o entender Ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

(TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

Do not store below 32°F. Keep in a cool dry place. Do not use or store near heat or open flame.



Mobic Chemical Corporation
Agricultural Chemicals Division
Box 4913, Kansas City, MO 64120

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

IMPORTANT: Read these entire Directions and Conditions of Sale before using NEMACUR 3 systemic insecticide-nematicide.

CONDITIONS OF SALE:

The directions on this label were determined through research to be the directions for correct use of this product. This product has been tested for a range of weather conditions similar to those weather conditions that are ordinary and customary in the geographic area where the product is used. Insufficient control of pests may result from the occurrence of extraordinary or unusual weather, or from failure to follow label directions.

RESTRICTIONS

Do not use on other crops. Use only according to label directions.

Any food crop not specified on this label may be planted into treated areas 120 days after

the last application. Any cover crops that are planted during the 120 day period must be plowed under and not grazed.

rections. In addition, failure to follow label directions may cause injury to the crop in which the product is applied, other crops, animals, man, or the environment. Mobic and the seller offer, and the buyer accepts and uses, this product subject to the conditions that extraordinary or unusual weather, or failure to follow label directions are beyond the control of Mobic and are, therefore, the responsibility of the buyer.

NEMACUR 3 nematicide has shown excellent activity against the major genera of nematodes attacking the following crops: COTTON AND PEANUTS. When applied according to directions on this label NEMACUR 3 will provide early season reduction of thrips infesting peanuts and control of thrips infesting cotton.

RECOMMENDED APPLICATIONS

CROP	PEST	DOSAGE NEMACUR 3 BAND FL. OZS 1000 FL. of Row	REMARKS																												
FIELD CROPS Cotton	Thrips (early season reduction)	2.4 to 3.3 fl. oz. per 1000 ft. of row for any row spacing (1 to 1 1/2 quarts per acre based on 40 inch rows)	In furrow-planting soil: Apply specified dosage per 1000 ft. of row as a spray in furrow or band in covering soil behind the seed drop and in level of covering device.																												
	Nematodes Thrips	3.3 to 7.1 fl. oz. per 1000 ft. of row for any row spacing (1 1/2 to 2.8 quarts per acre based on 40 inch rows)	In furrow-planting soil: Apply specified dosage per 1000 ft. of row as a spray in furrow or band in covering soil behind the seed drop and in level of covering device. Band: Apply specified dosage per 1000 ft. of row as a spray in a 6 to 12 inch band over the row. Incorporate thoroughly to insure uniform distribution. Suggested use rates of NEMACUR 3 in field or 1000 ft. of row based on nematode infestation levels: <table border="1"> <thead> <tr> <th>Rowwidth in furrow</th><th>Low</th><th>Moderate</th><th>High</th></tr> </thead> <tbody> <tr> <td>3 ft.</td> <td>3.3</td> <td>4.0</td> <td>4.8</td></tr> <tr> <td>4 ft.</td> <td>3.3</td> <td>4.0</td> <td>4.8</td></tr> <tr> <td>6 inch band</td> <td>3.3</td> <td>4.0</td> <td>4.8</td></tr> <tr> <td>8 inch band</td> <td>4.0</td> <td>4.8</td> <td>5.7</td></tr> <tr> <td>10 inch band</td> <td>4.8</td> <td>5.7</td> <td>6.4</td></tr> <tr> <td>12 inch band</td> <td>4.8</td> <td>5.7</td> <td>7.1</td></tr> </tbody> </table> *Use the highest recommended rates in fields with a history of nematode problems.	Rowwidth in furrow	Low	Moderate	High	3 ft.	3.3	4.0	4.8	4 ft.	3.3	4.0	4.8	6 inch band	3.3	4.0	4.8	8 inch band	4.0	4.8	5.7	10 inch band	4.8	5.7	6.4	12 inch band	4.8	5.7	7.1
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IMPORTANT: Do not overlap bands on narrow row crops. Do not feed or graze cotton foliage. Under very heavy thrip pressure additional control measures may be needed.																															
Soybeans (Except California)	Nematodes	3.2 to 8.7 fl. oz. per 1000 ft. of row for any row spacing (1 1/2 to 4 quarts of NEMACUR 3 per acre based on 36 inch rows)	In furrow-planting soil: Spray specified dosage in band over each row 1000 ft. of row in furrow or band in covering soil behind the seed drop in front of the covering device. Band: Spray specified dosage per 1000 ft. of row in a 6 to 12 inch band over the row. Incorporate thoroughly to insure uniform distribution. Suggested use rates of NEMACUR 3 in field over 1000 ft. row based on nematode infestation levels: <table border="1"> <thead> <tr> <th>Application</th><th>Low</th><th>Moderate</th><th>High</th></tr> </thead> <tbody> <tr> <td>in furrow</td> <td>3.2</td> <td>4.4</td> <td>5.6</td></tr> <tr> <td>in covering soil</td> <td>3.2</td> <td>4.4</td> <td>5.6</td></tr> <tr> <td>6 inch band</td> <td>3.2</td> <td>4.4</td> <td>5.6</td></tr> <tr> <td>8 inch band</td> <td>4.0</td> <td>4.8</td> <td>6.4</td></tr> <tr> <td>10 inch band</td> <td>4.8</td> <td>5.6</td> <td>7.1</td></tr> <tr> <td>12 inch band</td> <td>5.6</td> <td>6.4</td> <td>8.7</td></tr> </tbody> </table> *Includes fields with a history of nematode problems. NOTE: Do not overlap bands on narrow row crops. Do not feed or graze soybean vines. When NEMACUR 3 is applied to soybeans, crop injury from preplant drift may be minimized. Use NEMACUR 3 only as a band application when methidathion is used for control of weeds.	Application	Low	Moderate	High	in furrow	3.2	4.4	5.6	in covering soil	3.2	4.4	5.6	6 inch band	3.2	4.4	5.6	8 inch band	4.0	4.8	6.4	10 inch band	4.8	5.6	7.1	12 inch band	5.6	6.4	8.7
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The action of some planters during planting operation may provide adequate incorporation. When using planters which do not disturb enough soil for incorporation or under dry conditions, additional incorporation can be achieved with scratchers, padderwheels, ground driven rollers or similar equipment behind the planter.

CROP	PEST	DOSAGE NEMACUR 3		REMARKS
		BAND FL. OZS 1000 FL. of Row	BROADCAST GALLONS ACRE	
Soybeans (California only)	Nematodes	3 to 11 fl. oz. per 1000 ft. of row for any row spacing (1 1/2 to 5 quarts per acre based on 36 inch rows)	1.2 to 2 gal. per acre	FOR BAND OR BROADCAST APPLICATION BAND: Apply specified dosage in band over each row 1000 ft. of row as a spray in furrow or band in covering soil behind the seed drop in front of the covering device. Incorporate thoroughly to insure uniform distribution. Use the high rate in fields with high populations of serious nematode damage. BROADCAST: Apply as a water emulsion spray over the entire area to be treated using sufficient water and thorough incorporation to insure uniform distribution. Use the high rate in fields with high populations of serious nematode damage. Plant crop in the usual manner. NOTE: When NEMACUR 3 is applied to soybeans, crop injury from preplant drift may be minimized. For both band and broadcast applications do not feed or graze soybean vines, green peanut vines or peanut vines. Do not hog down treated peanut fields.
Peanuts	Nematodes (early season reduction)	4.5 to 11 fl. oz. per 1000 ft. of row for any row spacing (2 to 5 quarts per acre based on 36 inch rows)	1.2 to 2 gal. per acre	

ACCEPTED
JUL 25 1985
Under the Federal Insecticide
Fungicide and Fertilizer Act,
as amended, for the pesticide
registered under 3125-283
EPA Reg. No. 3125-283

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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, 26

she is wearing during this product. Any person coming in direct contact with treated water and/or treated soil prior to incorporation of the granules or with treated soil after the initial irrigation must wear protective coveralls, gloves or neoprene boots and rubber or neoprene gloves. Wash thor-

909443 4833'0

4084

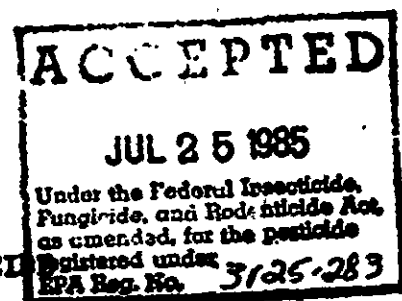
12

son to Issue: Add use on golf
course turf for nematode control;
10/5/84 Draft: Revise "Crop"
column based on internal review.

U.S. LABEL

Date of Draft: 10/5/84 (Pre-Reg) (H)
Supersedes Pre-Reg Draft Dated: 8/9/84

Reg. No. 3125-283



[®]NEMACUR 3
EMULSIFIABLE SYSTEMIC INSECTICIDE - NEMATOCIDE

ACTIVE INGREDIENTS:
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(1-methylethyl)phosphoramidate 35%

AMENDMENT TO PREVIOUSLY REGISTERED LABELING

THE FOLLOWING:

RECOMMENDED APPLICATIONS

	PEST	DOSAGE NEMACUR 3	REMARKS
F Grasses USE ON COURSES	Nematodes	9 to 12 fl ozs per 1000 square feet or 3 to 4 gal/acre	Apply specified dosage in sufficient volume of water to provide uniform distribution. Irrigate immediately after treatment using a minimum of 1/2 inch of water. Do not treat newly seeded areas until the plants have developed good root systems. Do not apply more than twice per year. <u>Do not use on residential lawns or public recreational areas other than golf courses.</u>

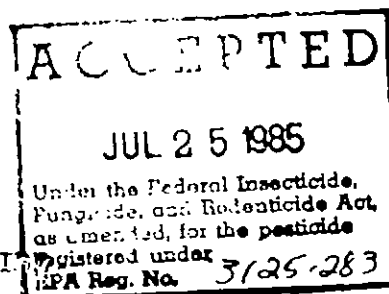
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EMULSIFIABLE SYSTEMIC INSECTICIDE - NEMATOCIDE

ACTIVE INGREDIENTS:

Ethyl 3-methyl-4-(methylthio)phenyl
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AMENDMENT TO PREVIOUSLY REGISTERED LABELING

ADD THE FOLLOWING:

RECOMMENDED APPLICATIONS

CROP	PEST	DOSAGE NEMACUR 3	REMARKS
Turf Grasses FOR USE ON GOLF COURSES	Nematodes	9 to 12 fl ozs per 1000 square feet or 3 to 4 gal/acre	Apply specified dosage in sufficient volume of water to provide uniform distribution. Irrigate immediately after treatment using a minimum of 1 inch of water. Do not treat newly seeded areas until the plants have developed good root systems. Do not apply more than twice per year. Do not use on residential lawns or public recreational areas other than golf courses.