

Granular Selective Herbicide for Pre-emergence Control of Crabgrass and Annual Bluegrass in Turf, Ornamentals and Ground Covers.

ACTIVE INGREDIENTS:
Benzalkonium 5 (0.0 Theopropyl phosphorodithioate) ester of
N (2 mercaptoethyl) benzene sulfonamide
INERT INGREDIENTS

30
944
1998

Contains 3.6 pounds of active ingredient per 100 pounds.

Keep Out of Reach of Children
CAUTION

STATEMENT OF PRACTICAL TREATMENT

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Call a Physician immediately if a woman experiences one or more of the following signs and symptoms:
1. Heavy or prolonged menstrual bleeding.
2. Painful or irregular menstruation.
3. Painful intercourse.
4. Painful urination.
5. Painful defecation.
6. Painful sexual intercourse.
7. Painful sexual intercourse.
8. Painful sexual intercourse.
9. Painful sexual intercourse.
10. Painful sexual intercourse.

Inform the person contacted of the type and extent of exposure, describe the victims symptoms and follow the advice given.

NOTE: Be sure to advise the patient/clinician that this drug is indicated in this compound to a cholinesterase inhibitor and not before the active agent.

If measured Call a Physician or Person in Charge of Center immediately. Place large amounts of water and induce vomiting by gagging the victim with a blunt object placed on the back of the neck's tongue. Give fluids until vomiting is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

preferably mouth to mouth if breathing is difficult give oxygen (preferably with a resuscitant)

If on skin: Flush with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention if irritation occurs. Wash clothing before re-use.
 If in eyes: Hold eyelids apart and flush eyes with large amounts of running water.
 Get medical attention.

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

The product is sold only for uses stated on its label. No express or implied license is granted to use or sell the product under any trademark in any country except as indicated. Country: United States of America. Brand No. 3395-743.

BETASAN is a registered trademark of Stauffer Chemical Company
EPA Reg. No. 591/1

EMA Reg No 204

EPA EN 224

LB. NET WT. kg

FRANK - RICHARD H. HARRIS
MAY 1941 - DECEMBER 1942
RECEIVED, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 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, 26

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND
DOMESTIC ANIMALS**

CAUTION:

- Harmful if swallowed
- Avoid breathing dust
- Causes moderate eye irritation. Do not get in eyes, on skin, or on clothing
- Wash thoroughly after handling and before eating or smoking
- Wash all contaminated clothing with soap and hot water before re-use
- Avoid contamination of food, feed, or water supplies

ENVIRONMENTAL HAZARDS

- The product is toxic to fish. Do not apply directly to any body of water. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes
- Do not apply when weather conditions favor drift from areas treated

DIRECTIONS FOR USE

Read and follow all Federal, State and local laws and regulations in the manner recommended with this product.

GENERAL USE PRECAUTIONS

- READ ALL DIRECTIONS BEFORE USING
- BETASAN 3.6 G should be used only for recommended uses and at recommended rates
- Sweep up spills on walks or patios and hose area
- Do not take children or pets on treated areas until BETASAN 3.6 G has been watered into the soil and grass is completely dry
- BETASAN 3.6 G is recommended for use on natural soils only
- Do not apply to mossy lawn ground covers or established ornamentals before treating with BETASAN 3.6 G

PRODUCT INFORMATION

BETASAN 3.6 G is recommended for use on home lawns, parks and golf courses on ornamental plants and on ground covers for control of crabgrass, annual bluegrass and other annual weeds listed.

Application of BETASAN 3.6 G must precede emergence of weeds from the soil. Crabgrass will emerge from the soil from four to six weeks before it is visible above lawn soil. If weeds are visible above the soil, it is too late to apply BETASAN 3.6 G. Remove leaves, dead or old grass and other debris before applying BETASAN 3.6 G to turf areas. Any weeds present around ornamentals must be removed or marked with the soil before applying BETASAN.

WEEDS CONTROLLED

Smooth Crabgrass (*Digitaria ischaemum*)
 Hairy Crabgrass (*Digitaria sanguinalis*)
 Redroot Pigweed (*Amaranthus retrofractus*)
 Barnyardgrass (Watergrass) (*Echinochloa crus-galli*)
 Lambquarters (*Chenopodium album*)
 Tripsgrass (*Elymus repens*)
 Annual Bluegrass (*Poa annua*)
 Shepherds-purse (*Capsella bursa-pastoris*)
 Deadnettle (Horseweed) (*Lamium spp.*)

TIMING OF APPLICATION

GRASS LAWNS: BETASAN 3.6 G should be applied only to well established grass lawns. BETASAN 3.6 G can be used on the following established turf grasses:

Bahia	Centpede	Poa annua
Bentgrass spp.	Fescue spp.	St. Augustine
Bermudagrass spp.	Perennial Ryegrass	Red Top
Perennial Bluegrass spp.	Perennial Ryegrass	Zoysia

DICHONDRA LAWNS: BETASAN 3.6 G can be applied to dichondra lawns at the time of seeding or any time thereafter.

ORNAMENTALS AND GROUND COVERS: BETASAN 3.6 G should be applied only to the following well established ornamentals and ground covers:

Alyssum	Coral Bell	Pachysandra
Aster	Daisy	Stock
Bachelor's Button	Marigold	Sweet Pea
Clematis	Penny	Wall Flower

Continued on right panel

Candy Tuft	Primrose	Zinnia
Daffodil	Gladiolus	Ranunculus
Dahlia	Narcissus	Tulip
Freesia	Juniper	Physalis
Alum	Monterey Cypress	Saxifraga
Atropa	Monterey Pine	Statice
Atropa	Myrtle	Taraxacum
Boraginaceae	Hypericum	Pellaea
Ajuga	Ice Plant	Sedum
Campanula	Ivy	Wool Strawberry
Galium		

For control of crabgrass, apply BETASAN 3 G at the recommended rate (see RATES OF APPLICATION) anytime from fall (September or October) through early spring for spring and summer control. With a late winter or an early spring application, the application must be made prior to crabgrass emergence (see PRODUCT INFORMATION).

For control of annual bluegrass and other annual weeds, apply BETASAN 3 G at the recommended rate (see RATES OF APPLICATION) before the weeds emerge from the soil.

Consult weed specialists of the State Agricultural Experiment Station or the State Agricultural Extension Service for additional information on the timing and rate of application and control of weeds.

Where germination of crabgrass, annual bluegrass, and other annual weeds is to the late summer and early fall, a second application of BETASAN 3 G at the recommended rate should be made four to five months after the initial application. BETASAN 3 G should be applied with a broadcast or any other application that will give uniform coverage. A more uniform application can be made by spreading half the required amount of BETASAN 3 G over the area in the first half and applying the remainder at right angles to the first. Avoid missed by overlapping slightly.

RATES OF APPLICATION

CRABGRASS ONLY: Apply 12 to 16 pounds of BETASAN 3 G uniformly on 2,500 square feet.

ANNUAL BLUEGRASS AND OTHER ANNUAL WEEDS: Apply 20 pounds of BETASAN 3 G uniformly on 2,500 square feet.

Sprinkle the area with water for 10 to 15 minutes after application to wash the BETASAN 3 G down into the soil where the weed seeds are located.

RESEEDING

Any material that provides effective control of annual grasses may affect new lawn grass seedlings which germinate after treatment. Proper fertilization and watering will encourage the existing turf grass to fill in the thin or bare spots formerly occupied by crabgrass.

The following procedures are suggested in order to minimize any stunting of turf grasses which may occur when reseeding into BETASAN-treated areas:

1. Do not reseed within 6 months after application.
2. Renovate the area to be reseeded by raking thoroughly to scarify the soil surface. Where practical, mix peat in with the soil to provide an optimum seed bed.
3. When turf diseases or physiological disorders necessitate reseeding sooner than 6 months after BETASAN 3 G application, apply powdered activated charcoal prior to reseeding to deactivate the BETASAN 3 G. Apply the activated charcoal at a rate of 7 pounds in 14 gallons of water per 1,000 square feet (300 pounds in 600 gallons of water per acre). Following application, irrigate the turf with sufficient water to wash the charcoal into the soil.

Reseed no sooner than 7 days after applying the charcoal.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Store in cool dry place.

CONTAINER DISPOSAL: Do not re-use empty bag. Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Wrap empty bag and put in trash collection.