

DIRECTIONS FOR USE

1. The test is performed by comparing the color of the test solution with the color of the standard solution. The test solution is prepared by adding 1 mL of the sample to 10 mL of the reagent solution. The standard solution is prepared by adding 1 mL of the standard to 10 mL of the reagent solution. The color of the test solution is compared with the color of the standard solution by holding the test tube against a white background. The color of the test solution should be compared with the color of the standard solution at the same time and under the same conditions. The color of the test solution should be compared with the color of the standard solution at the same time and under the same conditions. The color of the test solution should be compared with the color of the standard solution at the same time and under the same conditions.

[illegible][illegible]

1. The Agency will continue to monitor the status of the 1990s-era vehicles and will continue to work with the manufacturers to ensure that the vehicles are properly maintained and that the manufacturers are providing adequate training to the drivers. The Agency will also continue to work with the manufacturers to ensure that the vehicles are properly maintained and that the manufacturers are providing adequate training to the drivers.

[illegible]

Note The results of the regression analysis are presented in Table 1. The results show that the model is significant ($F(1, 10) = 10.00, p < .01$). The results also show that the model explains 50% of the variance in the dependent variable ($R^2 = .50$). The results show that the independent variable is a significant predictor of the dependent variable ($\beta = .71, t(10) = 3.16, p < .01$).

Ground Application

1. The first step in the process of applying for a job is to identify the job opening. This can be done by searching for job openings on the company's website, or by contacting the company directly. Once the job opening has been identified, the next step is to prepare a resume and cover letter. The resume should be tailored to the specific job opening, and the cover letter should be addressed to the hiring manager. The final step is to submit the application materials to the company. This can be done by email, or by mail. Once the application materials have been submitted, the applicant should wait for a response from the company. If the applicant is selected for the job, they will be contacted by the hiring manager to discuss the next steps in the hiring process.

[illegible][illegible]

As a result, the model is able to capture the temporal dependencies between the input and output sequences. The model is trained using a loss function that measures the difference between the predicted and actual output sequences. The model is evaluated using a validation set to assess its performance. The model is then used to predict the output sequence for a given input sequence.

2) 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840.

Avoid application directly to animals or humans. Fragmen or foaters should avoid ingestion of spray mist or contact with skin and should wash thoroughly before eating and at the end of each day's operation.

Corn
 Ataxia can only be appreciated if the following conditions are met: a) animal is alert and b) not below

The first of these is the *Strophomena* which is a small, rounded, bivalve-like shell, often found in the same strata as the *Strophomena*. It is a small, rounded, bivalve-like shell, often found in the same strata as the *Strophomena*. It is a small, rounded, bivalve-like shell, often found in the same strata as the *Strophomena*.

the 1990s, the number of people in the world who are under 15 years of age is expected to increase by 1.5 billion, from 1.1 billion in 1990 to 2.6 billion in 2010. The number of people aged 65 and over is expected to increase by 1 billion, from 350 million in 1990 to 1.4 billion in 2010. The number of people aged 15 and over is expected to increase by 1.5 billion, from 3.5 billion in 1990 to 5.0 billion in 2010. The number of people aged 15 and over is expected to increase by 1.5 billion, from 3.5 billion in 1990 to 5.0 billion in 2010.

[illegible]

| Color | Texture | Approximate Relative Abundance |
|----------------------------|---|--------------------------------|
| Light Brown | Sandy, granular, soft and easily crumbled | 40% points |
| Medium Brown | Stiff and clayey, lumps that are rich with organic matter | 40% points |
| Heavy Brown | Stiff and clayey, lumps with maximum high organic matter and very rich in the dark brown soils (humus) in the top | 10% points |
| Light Black and light gray | Dark, black and light gray, lumps and clusters, very rich in humus | 10% points |

For Preplant or Preemergence Applications: In Western Kansas, Western Nebraska, Eastern Colorado, Eastern Wyoming, New Mexico, West Texas and the Pan Handle of Oklahoma, apply 1.5 to 2.0 pounds 2,4-D per acre with the herbicide. In the remainder of the States where 2,4-D is shown as approved for use, apply 1.0 to 1.5 pounds per acre. The rate of 2,4-D is increased for heavy soils in the States where the soil is heavy. The rates shown are for use in all of the States listed.

On April 1, 4 plots were selected in each of the 12 watersheds per 600 m² of forested wetlands and 200 m² of upland forest. The plots were 10 m by 10 m and divided into 4 sub-plots. The sub-plots were 5 m by 5 m and were used to estimate the percent of forest floor area with herbivore damage. All data were then averaged to the watershed level.

1 qt. at 4 pls. per acre after weed emergence but before weeds are 1 ft. tall. 1 qt. at 4 pls. per acre. Add emulsifiable oil at the rate of 1/2 qt. per acre for all applications and 1/2 qt. per acre for the applications.

The following is a list of the names of the persons who have been appointed to the various committees of the Board of Directors of the American Telephone and Telegraph Company, for the year ending December 31, 1914. The names are given in alphabetical order of the names of the persons who have been appointed to the various committees of the Board of Directors of the American Telephone and Telegraph Company, for the year ending December 31, 1914. The names are given in alphabetical order of the names of the persons who have been appointed to the various committees of the Board of Directors of the American Telephone and Telegraph Company, for the year ending December 31, 1914.

Wang et al. (2006) and Wang and Wang (2007) have shown that the use of a single factor model for the analysis of the data from the WPPSI-III is not appropriate. Wang and Wang (2007) have shown that the use of a single factor model for the analysis of the data from the WPPSI-III is not appropriate. Wang and Wang (2007) have shown that the use of a single factor model for the analysis of the data from the WPPSI-III is not appropriate.

the first two years of life, the child is not yet able to understand the difference between the real and the imaginary. The child's perception of the world is based on the sensory input he receives from his environment. The child's perception of the world is based on the sensory input he receives from his environment. The child's perception of the world is based on the sensory input he receives from his environment.

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971) using a Shimadzu 1010 UV-Visible Spectrophotometer.

FOR SEASON-LONG WEED CONTROL IN
CORN AND SORGHUM
ATRAZINE 4 L CONTAINS 4 LBS. ACTIVE
INGREDIENTS PER GALLON.

May 22, 1974

14713 - 1

CAUTION:

KEEP OUT OF REACH OF CHILDREN
See additional precautions on side panel

INERT INGREDIENTS

1111 A.

Tank Mixtures of Atrazine 4L Plus Alachlor
Corn (Field and Silage Only)

E. coli O157:H7, *S. aureus*, *Campylobacter*

[illegible][illegible]

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, 26

DIRECTIONS FOR USE

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application of which are beyond the control of Drexel Chemical Company or the Seller. All such risks shall be assumed by the Buyer.

WARRANTY AND LIMITATION OF DAMAGES Drexel Chemical Company warrants that this material, as described, when used as directed in the label and in accordance with the purposes referred to in the Directions for Use and in accordance with the instructions on the container, will perform as represented. Drexel Chemical Company does not warrant or represent that the use of this product will result in a specific yield or other results. The use of this product is not a guarantee of results. The use of this product is not a guarantee of results. The use of this product is not a guarantee of results.

GENERAL INFORMATION

Atrazine 4L herbicide is a water-soluble liquid product for control of grass weeds in corn and sorghum. It is a pre-emergence herbicide which is applied as a pre-plant or pre-emergence treatment. It is applied as a pre-plant or pre-emergence treatment. It is applied as a pre-plant or pre-emergence treatment. It is applied as a pre-plant or pre-emergence treatment.

Since Atrazine 4L acts mainly through root absorption, its effect varies depending on the rate of infiltration into the soil zone. Should weeds be developed, a shallow cultivation or rotary hoeing will generally result in better weed control.

Atrazine 4L is non-flammable.

Care should be taken to avoid using Atrazine 4L where adjacent desirable trees, shrubs or plants might be injured.

Note: Drexel Chemical Company does not recommend the use of Atrazine 4L in combination with other herbicides or insecticides as specifically described in the label or literature published by Drexel Chemical Company.

APPLICATION PROCEDURES

Ground Application

For the most uniform distribution of pre-plant applications, use 80-100 flat fan type nozzles. For band applications, use flat fan horn spray nozzles. Screens and strainers should be used to filter the mixture. Use a pump with capacity to disperse sufficient hydraulic pressure during mixing and application to keep the material in suspension and to maintain a 10 psi operating pressure. Use a minimum of 10 gallons of water per acre for pre-plant or pre-emergence applications and 10 gallons of water per acre for post-emergence applications. Use a minimum of 10 gallons of water per acre for pre-plant or pre-emergence applications.

For band applications, apply the amount to be applied per acre as follows:

| Band width, inches | Rate, Atrazine 4L, lbs./A | Amount needed, lbs./A |
|--------------------|---------------------------|-----------------------|
| Row width, inches | 1 | 1 |

Aerial Application

For pre-plant and pre-emergence treatments, apply at a rate of 1.0 to 1.5 lbs. of Atrazine 4L per acre. For post-emergence treatments, apply at a rate of 1.0 to 1.5 lbs. of Atrazine 4L per acre. For post-emergence treatments, apply at a rate of 1.0 to 1.5 lbs. of Atrazine 4L per acre. For post-emergence treatments, apply at a rate of 1.0 to 1.5 lbs. of Atrazine 4L per acre.

Atrazine 4L in water applications

Atrazine 4L is a liquid herbicide which is mixed with water and applied as a spray. For Atrazine 4L in water applications, use a minimum of 10 gallons of water per acre. For Atrazine 4L in water applications, use a minimum of 10 gallons of water per acre. For Atrazine 4L in water applications, use a minimum of 10 gallons of water per acre.

Atrazine 4L in liquid fertilizer applications

Atrazine 4L is a liquid herbicide which is mixed with liquid fertilizer and applied as a spray. For Atrazine 4L in liquid fertilizer applications, use a minimum of 10 gallons of water per acre. For Atrazine 4L in liquid fertilizer applications, use a minimum of 10 gallons of water per acre. For Atrazine 4L in liquid fertilizer applications, use a minimum of 10 gallons of water per acre.

Atrazine 4L plus emulsifiable oil in water applications

The addition of emulsifiable oil to Atrazine 4L in water sprays may speed the activity of Atrazine 4L and increase the control of weeds. However, under certain conditions, the use of emulsifiable oil may cause crop injury. To minimize the possibility of crop injury, follow the directions on the label and the directions given below.

For combination with Atrazine 4L, use a spray nozzle designed for use with Atrazine 4L containing 1.0 to 1.5 lbs. of Atrazine 4L per acre. Several oils of this type are on the market. Oils contaminated with water or other materials can cause compatibility problems or crop injury.

Mixing instructions: 1. Thoroughly wash sprayer prior to use. Do not use sprayer contaminated with 2,4-D or other materials as crop injury or sprayer clogging may result. 2. Fill sprayer tank half to two-thirds full of clean water. 3. With the agitation system operating, add the Atrazine 4L. 4. Add the emulsifiable oil. 5. Empty the tank, wash thoroughly and repeat steps 1 through 4. 6. Present a full up of oil in the tank, keep the agitation system operating. 7. Add the Atrazine 4L and emulsifiable oil. 8. Fill the tank with water. 9. The spray material should be applied within 15 minutes of the time the Atrazine 4L and emulsifiable oil are added. 10. Wash sprayer thoroughly after use. 11. Wash the system with water after each application.

Apply before or shortly after planting prior to weed emergence at the rate indicated in Table I.

Postemergence (Broadleaf and Grass Control):

Apply before weeds exceed 1 1/2 inches in height at the rate indicated in Table I.

TABLE I
For Control of Broadleaf and Grasses

| Soil Texture | Atrazine 4L Broadcast Rate, A |
|--|-------------------------------|
| Light Sands, loamy sands, sandy loams, sandy loams | 4 pints |
| Medium Sands, loamy sands, sandy loams, sandy loams | 4 1/2 pints |
| Heavy Sands, silty and clay loams with medium to high organic matter and clays including the dark Prairie soils of the Corn Belt | 6 pints |
| Clays, muck and high organic clays | 6 pints |

For Preplant or Preemergence Applications in Western Kansas, Western Nebraska, Eastern Colorado, Eastern Wyoming, New Mexico, West Texas and the Pan Handle of Oklahoma: On sands, loamy sands, sandy loams and to strongly alkaline soils and on recently leveled soils, apply 2.0 to 2.5 pints per acre for broadleaf weed control. Broadleaf weeds such as pigweed, lambquarters, nightshade, purslane and knotweed will be controlled. On other soil types in the areas above, make applications at the rate shown in Table I for broadleaf and grass control.

Layby Treatment (Broadleaf and Grass Control):

Broadleaf 2.0 to 2.5 pints per acre in a minimum of 5 gals. of water or nitrogen solution before weeds are 1 1/2 inches high and corn is 20 to 30 inches high. When nitrogen solutions are used, direct the spray to the lower 30 inches of cornstalk to avoid corn foliage injury. Agitation in the spray tank during application is essential.

Postemergence Broadleaf and Grass Weed Control With Atrazine 4L Plus Emulsifiable Oil in Water

Broadcast 4 pints per acre after weed emergence but before weeds reach 1 1/2 inches in height. Add emulsifiable oil at the rate of 1 gallon per acre for ground applications and 1/2 gallon per acre for aerial applications.

Postemergence Broadleaf Weed Control With Atrazine 4L Plus Emulsifiable Oil in Water

Broadcast 2.0 to 2.5 pints per acre for control of broadleaf weeds such as annual morning glory, cocklebur, lambquarters, mustard, pigweed, ragweed, smartweed and wild buckwheat. Application should be made before pigweed and lambquarters reach six inches in height and before all other weeds reach four inches in height. Add emulsifiable oil at the rate of 1 gallon per acre for ground applications and 1/2 gallon per acre for aerial applications. A cultivation may be necessary if all weeds are not controlled or if regrowth of weeds occurs.

Precautions for Applications of Atrazine 4L Plus Emulsifiable Oil in Water to Corn

- Do not use oil in Atrazine 4L sprays when corn is under stress from prolonged wet weather, poor fertility or other factors, or when corn is wet and succulent from recent rainfall as crop injury may occur.
- Do not use oil in sprays when treating injured corn or any breeding stock as injury may occur.
- Do not mix Atrazine 4L with herbicides, liquid fertilizers or other materials which are recommended with Atrazine 4L and emulsifiable oil in water because they cause compatibility problems or crop injury.
- Before and handle emulsifiable oil carefully. Oil contains water which may cause crop injury if water may not emulsify properly when added to the tank.
- Do not make more than one application of Atrazine 4L and emulsifiable oil in water per season except as recommended for control of yellow nutsedge and Canada thistle in this label.

Problem Weeds

For control of yellow nutsedge and Canada thistle

Atrazine 4L will control yellow nutsedge (Cyperus rotundus) and Canada thistle (Cirsium arvense) when applied as indicated below. For best results, Atrazine 4L should be used each year until yellow nutsedge or Canada thistle is eliminated or reaches a level of infestation where neither weed species is a problem. If regrowth of yellow nutsedge or Canada thistle occurs following the last application of Atrazine 4L, the system cultivate once. When Atrazine 4L is applied postemergence to the weeds, 1/2 gallon of emulsifiable oil should be added per acre.

For control of yellow nutsedge and Canada thistle with Atrazine 4L, several alternative methods of use are available. These methods are listed in order of preference below. If other weed species, such as annual grasses, are also expected to be a problem, it is noted that a single pre-plant or pre-emergence treatment plus a post-emergence treatment with Atrazine 4L and emulsifiable oil in water per acre is recommended for control of yellow nutsedge and Canada thistle.

1. Broadcast 2.0 to 2.5 pints of Atrazine 4L plus 1/2 gallon of emulsifiable oil in water per acre before weeds are 1 1/2 inches high and corn is 20 to 30 inches high. When nitrogen solutions are used, direct the spray to the lower 30 inches of cornstalk to avoid corn foliage injury. Agitation in the spray tank during application is essential.

Atrazine 4 L Herbicide

FOR SEASON-LONG WEED CONTROL IN CORN AND SORGHUM

ATRAZINE 4 L CONTAINS 4 LBS. ACTIVE INGREDIENTS PER GALLON.

May 22, 1974

CAUTION:

KEEP OUT OF REACH OF CHILDREN
See additional precautions on side panel

ACTIVE INGREDIENTS:

Atrazine

(2-chloro-4-ethylamino-6-isopropylamino-s-triazine) 40.8%

Related compounds

2.2%

INERT INGREDIENTS:

TOTAL

57.0%

100.0%

MANUFACTURED BY
DREXEL CHEMICAL COMPANY

PHILADELPHIA, PENNSYLVANIA 19104

For only:

Broadcast 8 pints of Atrazine 4L per acre during prior to crop or weed emergence. (For yellow nutsedge control, use 10 pints per acre.)

Note: Oil should not be used in Atrazine spray stress especially when using 8 pints of Atrazine 4L per acre. Caution section under Postemergence Application Emulsifiable Oil in Water on Corn for additional information.

For Quackgrass Control On Land Going Into Corn: Split application: Broadcast 4 pints per acre in the weeks later.

Broadcast a second application at the rate of 4 pints per acre before, during or after planting, but before weed split application will control both quackgrass and weeds.

Single application: Broadcast 8 pints per acre in the weeks after application.

Tank Mixtures with Atrazine 4L

Atrazine 4L plus Paraquat CL

For control of existing vegetation and residual weeds, broadcast directly onto or over crops established in corn. Broadcast 4 to 6 pints Atrazine 4L and 1 to 2 to 3 gallons of Paraquat CL per acre. Add 8 oz. of 2,4-D or 1 to 2 gallons of diluted spray. Add Atrazine 4L to spray mix with water. Add the Paraquat and surfactant. Refer to the Paraquat CL label for further directions.

Atrazine 4L plus Alachlor 4EC

Use a tank mixture of Atrazine 4L plus Alachlor 4EC for control of annual broadleaf and grass weeds in corn field. Annual morning glory, barnyardgrass, black nightshade, velvetleaf, carpetweed, cocklebur, crabgrass, giant foxtail, green foxtail, yellow foxtail, goosefoot, purslane, mustard, common ragweed, smartweed.

Make applications at the rate indicated in Table I, apply within 7 days of planting and incorporate to pre-emergence applications, apply to the soil surface prior to crop or weeds emerge. For postemergence treatments, apply to the soil surface when weeds reach the two-leaf stage and the corn is 10 to 15 inches high.

TABLE II

Tank Mixtures of Atrazine 4L Plus Alachlor 4EC

Corn (Field and Silage)

Broadcast Rate Per Acre

| Soil Texture | Atrazine 4L (Ptc. A) | Alachlor 4EC (Ptc. B) | Atrazine 4L plus Alachlor 4EC (Ptc. C) |
|--------------------|----------------------|-----------------------|--|
| Light Sandy soils | 4 pints | 1.5 quarts | 2.5 quarts |
| Medium Sandy soils | 4 1/2 pints | 1.5 quarts | 2.5 quarts |
| Heavy Sandy soils | 6 pints | 1.5 quarts | 2.5 quarts |

Note: Apply in a minimum of 10 gallons of water per acre. For Atrazine 4L, use a minimum of 10 gallons of water per acre. For Alachlor 4EC, use a minimum of 10 gallons of water per acre. For Atrazine 4L plus Alachlor 4EC, use a minimum of 10 gallons of water per acre. For Atrazine 4L plus Alachlor 4EC, use a minimum of 10 gallons of water per acre.

Atrazine 4L plus Propachlor 65W

Use a tank mixture of Atrazine 4L plus Propachlor 65W for control of annual broadleaf and grass weeds in corn field. Annual morning glory, barnyardgrass, black nightshade, velvetleaf, carpetweed, cocklebur, crabgrass, giant foxtail, green foxtail, yellow foxtail, goosefoot, purslane, mustard, common ragweed, smartweed. Make applications at the rate indicated in Table I, apply within 7 days of planting and incorporate to pre-emergence applications, apply to the soil surface prior to crop or weeds emerge. For postemergence treatments, apply to the soil surface when weeds reach the two-leaf stage and the corn is 10 to 15 inches high.

For control of existing vegetation and residual weeds, broadcast directly onto or over crops established in corn. Broadcast 4 to 6 pints Atrazine 4L and 1 to 2 to 3 gallons of Propachlor 65W per acre. Add 8 oz. of 2,4-D or 1 to 2 gallons of diluted spray. Add Atrazine 4L to spray mix with water. Add the Propachlor and surfactant. Refer to the Propachlor 65W label for further directions.

Drexel

Atrazine 4 L

Herbicide

SEASON-LONG WEED CONTROL IN
CORN AND SORGHUM
E 4 L CONTAINS 4 LBS. ACTIVE
INGREDIENTS PER GALLON.

May 22, 1974

CAUTION:

OUT OF REACH OF CHILDREN
Additional precautions on side panel

INGREDIENTS

INGREDIENTS

- Broadcast 4 pts. of Atrazine 4L per acre preplant. Follow an application of 4 pts. of Atrazine 4L plus 1 gallon of oil per acre after the corn and weeds emerge, but before nutsedge plants reach a height of 3 inches (for nutsedge control only).
 - Broadcast 4 pts. of Atrazine 4L per acre during or shortly after planting, but prior to crop or weed emergence. Follow with an application of 4 pts. of Atrazine 4L plus 1 gallon of oil per acre after the corn and weeds emerge, but before yellow nutsedge plants reach a height of 3 inches or Canada thistle plants reach a height of 6 inches.
 - Broadcast 8 pts. of Atrazine 4L plus 1 gallon of oil per acre after the crop has emerged, but prior to lay by (20-30 inches high) after yellow nutsedge and Canada thistle plants emerge, but before nutsedge reaches a height of 6 inches or Canada thistles more than 6 inches tall.
 - Broadcast 8 pts. of Atrazine 4L per acre preplant (for yellow nutsedge control only).
 - Broadcast 8 pts. of Atrazine 4L per acre during or shortly after planting, but prior to crop or weed emergence. (For yellow nutsedge control only).
- Note: Oil should not be used in Atrazine sprays when corn is wet or under stress, especially when using 8 pts. of Atrazine 4L per acre. See precaution section under Postemergence Applications of Atrazine 4L plus Emulsifiable Oil in Water on Corn for additional directions.

For Quackgrass Control On Land Going Into Corn Production

Split application: Broadcast 4 pts. per acre in the fall or spring and plow 1-3 weeks later.

Broadcast a second application at the rate of 4 pts. per acre in the spring before, during or after planting, but before weeds are 1 1/2 inches high. This split application will control both quackgrass and most annual broadleaf grass weeds.

Single application: Broadcast 6-8 pts. per acre in the fall or spring. Plow 1-3 weeks after application.

Tank Mixtures with Atrazine 4L

Atrazine 4L plus Paraquat CL

For control of existing vegetation and residual control where corn will be planted directly into a cover crop, established sod or in previous crop residues — Broadcast 4-6 pts. Atrazine 4L and 1-2 pts. Paraquat CL per acre in 20-60 gallons of water per acre. Add 8 oz. of nonionic surfactant per 100 gallons of diluted spray. Add Atrazine 4L to spray tank first and thoroughly mix with water. Add the Paraquat CL and surfactant last.

Refer to the Paraquat CL label for further directions, limitations and cautions.

Atrazine 4L plus Alachlor 4EC

Use a tank mixture of Atrazine 4L plus alachlor 4EC for the control of most annual broadleaf and grass weeds in corn (field and silage corn only) such as annual morning glory, barnyardgrass, black nightshade, *Bracharia*, buttonweed (velvetleaf), carpetweed, cocklebur, crabgrass, fall panicum, Florida pusley, giant foxtail, green foxtail, yellow foxtail, goosegrass, lambsquarters, pigweed, purslane, mustard, common ragweed, smartweed and witchgrass.

Make applications at the rate indicated in Table II. For preplant applications, apply within 7 days of planting and incorporate to a depth of 2 to 3 inches. For pre-emergence applications, apply to the soil surface after planting, but before the crop or weeds emerge. For postemergence treatments, make applications until weeds reach the two-leaf stage and the corn is no more than three inches tall.

TABLE II
Tank Mixtures of Atrazine 4L Plus Alachlor 4EC On
Corn (Field and Silage Only)

| Soil Texture | Broadcast Rate, Per Acre | | | |
|---|--|--|--|--|
| | Less than 3% organic matter | 3% to 10% organic matter | More than 10% organic matter | Very high organic matter |
| Light Soils: sandy, loamy sands, sandy loams and sandy clay loams | Atrazine 4L 4 pts. A/L
Alachlor 4EC 1 qt./3.3 fl. oz. A/L | Atrazine 4L 4 pts. A/L
Alachlor 4EC 1 qt./3.3 fl. oz. A/L | Atrazine 4L 4 pts. A/L
Alachlor 4EC 1 qt./3.3 fl. oz. A/L | Atrazine 4L 4 pts. A/L
Alachlor 4EC 1 qt./3.3 fl. oz. A/L |
| Medium and Heavy Soils | Atrazine 4L 4 pts. A/L
Alachlor 4EC 1 qt./3.3 fl. oz. A/L | Atrazine 4L 4 pts. A/L
Alachlor 4EC 1 qt./3.3 fl. oz. A/L | Atrazine 4L 4 pts. A/L
Alachlor 4EC 1 qt./3.3 fl. oz. A/L | Atrazine 4L 4 pts. A/L
Alachlor 4EC 1 qt./3.3 fl. oz. A/L |
| Light Soils: sandy, loamy sands, sandy loams and sandy clay loams | Atrazine 4L 4 pts. A/L
Alachlor 4EC 1 qt./3.3 fl. oz. A/L | Atrazine 4L 4 pts. A/L
Alachlor 4EC 1 qt./3.3 fl. oz. A/L | Atrazine 4L 4 pts. A/L
Alachlor 4EC 1 qt./3.3 fl. oz. A/L | Atrazine 4L 4 pts. A/L
Alachlor 4EC 1 qt./3.3 fl. oz. A/L |
| Medium and Heavy Soils | Atrazine 4L 4 pts. A/L
Alachlor 4EC 1 qt./3.3 fl. oz. A/L | Atrazine 4L 4 pts. A/L
Alachlor 4EC 1 qt./3.3 fl. oz. A/L | Atrazine 4L 4 pts. A/L
Alachlor 4EC 1 qt./3.3 fl. oz. A/L | Atrazine 4L 4 pts. A/L
Alachlor 4EC 1 qt./3.3 fl. oz. A/L |

Note: For preplant applications, apply within 7 days of planting and incorporate to a depth of 2 to 3 inches. For pre-emergence applications, apply to the soil surface after planting, but before the crop or weeds emerge. For postemergence treatments, make applications until weeds reach the two-leaf stage and the corn is no more than three inches tall.

to the spray tank first and thoroughly mix with water. Cut the propachlor 65W bag and fill with water to the fill line. Grasp the neck of the bag firmly and shake vigorously and add to the spray tank.

Refer to propachlor 65W label for further directions, limitations and cautions.

Precautions For All Applications to Corn

- Do not apply more than 8 pts. Atrazine 4L to corn in any one year.
- Following harvest of a treated crop, plow (moldboard or disk plow) and thoroughly till the soil in the fall or spring to minimize possible injury to rotational spring seeded crops, regardless of the rate used.
- Do not graze treated area or feed treated forage to livestock for 21 days following application.

For postemergence applications plus emulsifiable oil, see additional precautions under that section of this label.

Suggestions for Rotational Crops

- Land treated with Atrazine 4L should not be planted to any crop except corn or sorghum until the following year or injury may occur.
- If Atrazine 4L is applied after June 10, do not rotate with crops other than corn or sorghum the next year or injury may occur.
- If Atrazine 4L is used at a broadcast rate higher than 6 pts. per acre or comparable rates in a band application, crop of untreated corn or sorghum should precede the next rotational crop.
- In the High Plains and Intermountain area of the West where rainfall is sparse and erratic or where irrigation is required, use Atrazine 4L to control weeds in corn only when corn is to follow corn or a crop of untreated corn or sorghum is to precede other rotational crops.
- In Western Minnesota and eastern parts of the Dakotas, Nebraska and Kansas, corn treated with Atrazine 4L should not be followed with soybeans if the broadcast rate applied was more than 4 pts. per acre (or comparable rate in a band) or injury may occur.
- Injury may occur to soybeans planted in North Central Iowa and South Central Minnesota the year following an Atrazine 4L application on Harps, Calisteo, Stroden or other soils having a calcareous surface layer.
- Do not plant sugar beets, tobacco, vegetables (including dry beans), spring seeded small grains or small seeded legumes and grasses the year following Atrazine 4L application or injury may occur.

Sorghum and Sorghum-sudan Hybrids (Grain and Forage Types)

Atrazine 4L may be applied either before, planting, at planting or after planting as indicated below.

Preplant (Broadleaf and Grass Control)

Broadcast in the spring after plowing at the rate indicated in Table III. Application may be made before, during or after final seedbed preparation. If soil is tilled or worked after application, avoid deep incorporation of Atrazine 4L. Best results have been obtained when Atrazine 4L is applied within two weeks prior to planting.

Pre-emergence (Broadleaf and Grass Control)

Apply during or shortly after planting, but prior to weed or crop emergence at the rate indicated in Table III.

TABLE III
Preplant and Pre-emergence Applications,
For Broadleaf and Grass Weed Control in Sorghum

| Soil Texture | Organic Matter | Broadcast Rate of Atrazine 4L Per Acre |
|---|----------------|---|
| Light Soils: sandy, loamy sands, sandy loams and sandy clay loams | any level | Do Not Use
(except for pre-emergence use on bedded sorghum in Arizona and California as indicated below) |
| Medium and Heavy Soils | Less than 1% | 4-6 pts. A/L |
| Light Soils: sandy, loamy sands, sandy loams and sandy clay loams | 1% to 10% | 4-6 pts. A/L |
| Medium and Heavy Soils | More than 10% | 4-6 pts. A/L |

Atrazine 4L should not be applied to sorghum in the following states: Alaska, Arkansas, Arizona, California, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming.

Atrazine 4L should not be applied to sorghum in the following states: Alaska, Arkansas, Arizona, California, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming.

Atrazine 4L should not be applied to sorghum in the following states: Alaska, Arkansas, Arizona, California, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming.

For emergency applications, apply within 7 days of planting and incorporate to a depth of 2 to 3 inches. For pre-emergence applications, apply to the soil surface after planting, but before the crop or weeds emerge. For postemergence treatments, make applications until weeds reach the two-leaf stage and the corn is no more than three inches tall.

TABLE IV
Postemergence Broadleaf and Grass Weed Control in Sorghum

| Soil Texture | Minimum Height of Sorghum at Treatment | Broadcast Rate Atrazine 4L |
|------------------------------------|--|----------------------------|
| Sandy, loamy sand | 10-12 inches | 6-8 pts. A/L |
| Sandy loam | 10-12 inches | 6-8 pts. A/L |
| Silt loam to sandy clay loam | 10-12 inches | 4-6 pts. A/L |
| Clay and Panhandle clay soils | At least 6 inches high | 4-6 pts. A/L |
| Silty clay loams and heavier soils | 10-12 inches | 6-8 pts. A/L |

Postemergence Broadleaf Weed Control with Atrazine 4L plus Emulsifiable Oil in Water:

Broadcast 2-2 1/2 pts. per acre for control of broadleaf weeds such as annual morning glory, cocklebur, lambsquarters, mustard, pigweed, ragweed, smartweed and wild buckwheat. Application should be made before pigweed and lambsquarters reach six inches in height and before all other weeds reach four inches in height. In Texas, New Mexico, Oklahoma, Western Kansas, Colorado and the desert regions of California and Arizona, apply when sorghum is 6-10 inches in height, but before it reaches the boot stage. In all other areas, apply after sorghum reaches the three-leaf stage. Add emulsifiable oil at the rate of 1 gallon per acre for ground applications and 1/2 gallon per acre for aerial applications. A cultivation may be necessary if all weeds are not controlled or if regrowth of weeds occur.

Precautions for Application of Atrazine 4L plus Emulsifiable Oil in Water to Sorghum

- Do not use oil in Atrazine 4L sprays when sorghum is under stress from prolonged cold, wet weather, poor fertility or other factors or when sorghum is wet and succulent from recent rainfall as crop injury may occur.
- Do not use oil in Atrazine 4L sprays when treating inbred lines or any breeding stock as injury may occur.
- Adding other insecticides, herbicides, liquid fertilizers or other materials is not recommended because they may cause compatibility problems or crop injury.
- Store and handle emulsifiable oil carefully. Oil contaminated with even a small amount of water may not emulsify properly when added to the tank.
- Do not make more than one application of Atrazine 4L emulsifiable oil in water per season.

Postemergence Broadleaf Weed Control with Atrazine 4L plus Surfactant in Oklahoma, New Mexico, Texas, Western Kansas, Colorado and desert regions of Arizona and California only:

Broadcast 2-2 1/2 pts. of Atrazine 4L plus 3/4-1 1/2 pts. of surfactant per acre after sorghum reaches 6 inches in height, but before weeds reach 1 1/2 inches in height. Apply only on sandy loam and finer textured soils.

Precautions for all Applications to Sorghum

- Heavy rains immediately following application tend to result in excessive concentrations of herbicide in seed furrow resulting in possible crop injury. Applications to furrow-planted sorghum should not be made until furrows are leveled (plowing). Deep planter marks or seed furrows should also be leveled before application.
- Application made to sorghum growing under stress caused by minor element deficiency or to sorghum growing on highly calcareous soils may result in crop injury.
- Do not graze or feed forage from treated areas for 21 days following application.
- Following harvest of a treated crop, plow (moldboard or disk plow) and thoroughly till the soil in the fall or spring to minimize possible injury to rotational spring seeded crops, regardless of rate used.
- For applications to furrow irrigated bedded sorghum in Arizona and California and for postemergence applications plus emulsifiable oil, see additional precautions under these sections of this label.

Suggestions for Rotational Crops

- Land treated with Atrazine 4L should not be planted to any crop except corn or sorghum until the following year or injury may occur.
- If Atrazine 4L is applied after June 10, do not rotate with crops other than corn or sorghum the next year or injury may occur.
- If Atrazine 4L is used at a broadcast rate higher than 6 pts. per acre or comparable rates in a band application, crop of untreated corn or sorghum should precede the next rotational crop.
- In the High Plains and Intermountain area of the West where rainfall is sparse and erratic or where irrigation is required, use Atrazine 4L to control weeds in corn only when corn is to follow corn or a crop of untreated corn or sorghum is to precede other rotational crops.
- In Western Minnesota and eastern parts of the Dakotas, Nebraska and Kansas, corn treated with Atrazine 4L should not be followed with soybeans if the broadcast rate applied was more than 4 pts. per acre (or comparable rate in a band) or injury may occur.
- Injury may occur to soybeans planted in North Central Iowa and South Central Minnesota the year following an Atrazine 4L application on Harps, Calisteo, Stroden or other soils having a calcareous surface layer.
- Do not plant sugar beets, tobacco, vegetables (including dry beans), spring seeded small grains or small seeded legumes and grasses the year following Atrazine 4L application or injury may occur.

Proxel Atrazine 4 L Herbicide

LONG WEED CONTROL IN
CORN AND SORGHUM
L CONTAINS 4 LBS. ACTIVE
INGREDIENTS PER GALLON.

May 22, 1974
1713-11
CAUTION:
KEEP OUT OF REACH OF CHILDREN
Additional precautions on side panel

| | |
|------------------------------------|---------------|
| amino-6-isopropylamino-s-triazine) | 40.8% |
| nds | 2.2% |
| TS: | 57.0% |
| TOTAL | 100.0% |

MANUFACTURED BY
CHEMICAL COMPANY
MEMPHIS, TENNESSEE

6 Broadcast 8 pts. of Atrazine 4L per acre during or shortly after planting, but prior to crop or weed emergence. (For yellow nutsedge control only).

Note: Oil should not be used in Atrazine 4L sprays when corn is wet or under stress, especially when using 8 pts. of Atrazine 4L per acre. See pre-caution section under Postemergence Applications of Atrazine 4L plus Emulsifiable Oil in Water on Corn for additional directions.

For Quackgrass Control On Land Going Into Corn Production
Split application: Broadcast 4 pts. per acre in the fall or spring and plow 1-3 weeks later.
Broadcast a second application at the rate of 4 pts. per acre in the spring before, during or after planting, but before weeds are 12 inches high. This split application will control both quackgrass and most annual broadleaf grass weeds.

Single application: Broadcast 8 pts. per acre in the fall or spring. Plow 1-3 weeks after application.

Tank Mixtures with Atrazine 4L
Atrazine 4L plus Paraquat CL
For control of existing vegetation and residual control where corn will be planted directly into a cover crop established sod in previous crop residues. Broadcast 4-6 pts. Atrazine 4L and 1-2 pts. Paraquat CL per acre in 20-60 gallons of water per acre. Add 8 oz. of non-ionic surfactant per 100 gallons of diluted spray. Add Atrazine 4L to spray tank first and thoroughly mix with water. Add the Paraquat and surfactant last.

Refer to the Paraquat CL label for further directions, limitations and cautions.

Atrazine 4L plus Alachlor 4EC
Use a tank mixture of Atrazine 4L plus Alachlor 4EC for the control of most annual broadleaf and grass weeds in corn field and silage corn only, such as annual morning glory, cocklebur, crabgrass, fall panicum, Florida pusley, giant foxtail, green foxtail, yellow foxtail, goosegrass, lambsquarters, pigweed, purslane, mustard, common ragweed, smartweed and witchgrass.

Make applications at the rate indicated in Table II. For preplant applications, apply within 7 days of planting and incorporate to a depth of 2 to 3 inches. For pre-emergence applications, apply to the soil surface after planting, but before the crop or weeds emerge. For post-emergence treatments, make applications until weeds reach the two-leaf stage, and the corn is no more than three inches tall.

TABLE II
Tank Mixtures of Atrazine 4L Plus Alachlor 4EC On Corn (Field and Silage Only)

| Soil Texture | Broadcast Rate Per Acre | | | |
|-------------------|-----------------------------|----------------------|------------------------------|---------|
| | Less than 3% organic matter | 3-10% organic matter | More than 10% organic matter | |
| Light Sandy Soils | 2 | 1.5 | 1 | 1.5 |
| Silt loam Soils | 2-2 1/2 | 1.5-1.7 | 1-1 1/2 | 1.5-1.6 |
| Heavy clay soils | 2-2 1/2 | 1.5-1.7 | 1-1 1/2 | 1.5-1.6 |

Note: Apply in a minimum of 20 gallons of water per acre. Non-pressure fluid fertilizer may replace all or part of the water used as a carrier for applications applied to the soil surface before crop emergence. Add the Atrazine 4L to the spray tank first and thoroughly mix with water. Add the Alachlor last.

At least 12 weeks must elapse following treatment with Atrazine 4L plus Alachlor 4EC before immature corn forage can be harvested or fed to cattle. Refer to the Alachlor 4EC label for further directions, limitations and cautions.

Atrazine 4L plus Propachlor 65W
Use a tank mixture of Atrazine 4L plus propachlor 65W for control of most annual broadleaf and grass weeds in corn field, hybrid seed, silage and sweet corn only, such as annual morning glory, annual ryegrass, barnyard grass (watergrass), buff weed, velvetleaf, carpetweed, cocklebur, crabgrass, fall panicum, Florida pusley, giant foxtail, green foxtail, yellow foxtail, goosegrass, groundsel, jimsonweed, lambsquarters, mustard, nightshade, pigweed, purslane, ragweed, smartweed and sunflower. Broadcast 2.1 to 4.1 pts. of Atrazine 4L plus 3.8 to 6.0 lbs. of propachlor 65W per acre on the soil surface any time from immediately after planting until broadleaf and grasses reach the two-leaf stage. Use the lower rates if Atrazine 4L and propachlor 65W on light textured soils, low in organic matter. Use the higher rates on heavy textured soils high in organic matter.

For corn, apply 4-6 pts. per acre of Atrazine 4L to the soil surface with a pre-plant or pre-emergence application. For soybeans, apply 4-6 pts. per acre of Atrazine 4L to the soil surface with a pre-plant or pre-emergence application. For sorghum, apply 4-6 pts. per acre of Atrazine 4L to the soil surface with a pre-plant or pre-emergence application.

Suggestions for Rotational Crops
1--Land treated with Atrazine 4L should not be planted to any crop except corn or sorghum until the following year or injury may occur.
2--If Atrazine 4L is applied after June 10, do not rotate with crops other than corn or sorghum the next year or injury may occur.
3--If Atrazine 4L is used at a broadcast rate higher than 6 pts. per acre for comparable rates in a band application, crop of untreated corn or sorghum should precede the next rotational crop.
4--In the High Plains and Intermountain area of the West where rainfall is sparse and erratic or where irrigation is required, use Atrazine 4L to control weeds in corn only when corn is to follow corn or a crop of untreated corn or sorghum is to precede other rotational crops.
5--In Western Minnesota and eastern parts of the Dakotas, Nebraska and Kansas, corn treated with Atrazine 4L should not be followed with soybeans if the broadcast rate applied was more than 4 pts. per acre or comparable rate in a band or injury may occur.
6--Injury may occur to soybeans planted in North Central Iowa and South Central Minnesota the year following an Atrazine 4L application on Harps, Camille, Stroden or other soils having a calcareous surface layer.
Do not plant sugar beets, tobacco, vegetables including dry beans, spring seeded small grains or small seeded legumes and grasses the year following Atrazine 4L application or injury may occur.

Sorghum and Sorghum-sudan Hybrids (Grain and Forage Types)
Atrazine 4L may be applied either before planting, at planting or after planting as indicated below.

Preplant (Broadleaf and Grass Control):
Broadcast in the spring after plowing at the rate indicated in Table III. Application may be made before, during or after final seedbed preparation. If soil is tilled or worked after application, avoid deep incorporation of Atrazine 4L. Best results have been obtained when Atrazine 4L is applied within two weeks prior to planting.

Pre-emergence (Broadleaf and Grass Control)
Apply during or shortly after planting, but prior to weed or crop emergence at the rate indicated in Table III.

| TABLE III
Preplant and Pre-emergence Applications
For Broadleaf and Grass Weed Control in Sorghum | | |
|---|------------------|---|
| Soil Texture | Organic Matter | Broadcast Rate of Atrazine 4L Per Acre |
| Light Soils, sands, loamy sands, sandy loams and sandy clay loams | any level | DO NOT USE except for pre-emergence use on bedded sorghum in Arizona and California as indicated below. |
| Medium and Heavy Soils | Less than 1% | 3-1.5-4-3.4 pts. |
| Silt loams, clay loams and clays | 1% to 1 1/2% | 3-1.5-4-3.4 pts. |
| | More than 1 1/2% | 3-1.5-4-3.4 pts. |

Atrazine 4L should not be applied preplant to sorghum grown in N. Mex., Okla., Texas, Ark., La., Tenn., Miss., Ala., Ga., Fla., S. Car. and N. Car. or pre-emergence to sorghum grown in N. Mex., Texas and Okla. except in N. E. Okla. and the Texas Gulf Coast.

In case of planting failures, sorghum can be replanted into soil previously treated with Atrazine 4L. Do not make a second broadcast application or injury may occur. If Atrazine 80W is applied in a band, and sorghum is replanted in the untreated row middles, Atrazine 4L can be applied in a band to the second planting.

Pre-emergence Broadleaf Weed Control in Furrow Irrigated Bedded Sorghum (Arizona and California only):
For pre-emergence control of broadleaf weeds such as ground cherry, lambsquarters, morning glory, mustard, pigweed and purslane, broadcast 1.5 to 2.2 1/2 pts. per acre. Use the lower rate on coarse-textured soils and soils low in organic matter and use the high rate on fine textured soils and soils high in organic matter. Make application after bed preparation, during or after planting, but before sorghum and weeds have emerged and before the first furrow irrigation. Several regular irrigations should follow the application, making sure that all soil is thoroughly wet.

Precautions for Pre-emergence Applications of Atrazine 4L to Furrow Irrigated Bedded Sorghum Grown in Arizona and California:
To avoid possible sorghum injury, do not use on sand or sandy soils or on sorghum planted in the furrow. Additionally, applications made to sorghum growing on alkali soils or where salts or other corrosive substances are present, or on alkali soils, may result in crop injury or cause the plant to be killed. Do not plant sorghum for eight months following application of Atrazine 4L.

Postemergence Broadleaf and Grass Weed Control
For control of broadleaf and grass weeds in sorghum, apply Atrazine 4L plus Emulsifiable Oil in Water or Atrazine 4L plus Surfactant in Water at the rate indicated in Table IV.

| | | |
|------------------------------------|------------------------|--------------|
| Silt loam to sandy clay loam | Completely emerged | 4-4 1/4 pts. |
| Clay and Pullman clay soils | At least 6 inches high | 4-4 1/4 pts. |
| Silty clay loams and heavier soils | Completely emerged | 6 pts. |

Postemergence Broadleaf Weed Control with Atrazine 4L plus Emulsifiable Oil in Water:
Broadcast 2-2 1/2 pts. per acre for control of broadleaf weeds such as annual morning glory, cocklebur, lambsquarters, mustard, pigweed, ragweed, smart weed and wild buckwheat. Application should be made before pigweed and lambsquarters reach six inches in height and before all other weeds reach four inches in height. In Texas, New Mexico, Oklahoma, Western Kansas, Colorado and the desert regions of California and Arizona, apply when sorghum is 6-10 inches in height, but before it reaches the boot stage. In all other areas, apply after sorghum reaches the three-leaf stage. Add emulsifiable oil at the rate of 1 gallon per acre for ground applications and 1/2 gallon per acre for aerial applications. A cultivation may be necessary if all weeds are not controlled or if regrowth of weeds occur.

Precautions for Application of Atrazine 4L plus Emulsifiable Oil in Water to Sorghum
1--Do not use oil in Atrazine 4L sprays when sorghum is under stress from prolonged cold, wet weather, poor fertility or other factors or when sorghum is wet and succulent from recent rainfall as crop injury may occur.
2--Do not use oil in Atrazine 4L sprays when treating hybrid lines or any breeding stock as injury may occur.
3--Adding other insecticides, herbicides, liquid fertilizers or other materials is not recommended because they may cause compatibility problems or crop injury.
4--Store and handle emulsifiable oil carefully. Oil contaminated with even a small amount of water may not emulsify properly when added to the tank.
5--Do not make more than one application of Atrazine 4L emulsifiable oil in water per season.

Postemergence Broadleaf Weed Control with Atrazine 4L plus Surfactant in Oklahoma, New Mexico, Texas, Western Kansas, Colorado and desert regions of Arizona and California only:
Broadcast 2-2 1/2 pts. of Atrazine 4L plus 3/4-1-1 1/2 pts. of surfactant per acre after sorghum reaches 6 inches in height, but before weeds reach 1-1 1/2 inches in height. Apply only on sandy loam and finer textured soils.

Precautions for all Applications to Sorghum
1--Heavy rains immediately following application tend to result in excessive concentrations of herbicide in seed furrow, resulting in possible crop injury. Applications to furrow planted sorghum should not be made until furrows are leveled (plowed). Deep planter marks or seed furrows should also be leveled before application.
2--Application made to sorghum growing under stress caused by minor element deficiency or to sorghum growing on highly calcareous soils may result in crop injury.
3--Do not graze or feed forage from treated areas for 21 days following application.
4--Following harvest of a treated crop, plow (moldboard or disk plow) and thoroughly till the soil in the fall or spring to minimize possible injury to rotational spring seeded crops, regardless of rate used.

For applications to furrow irrigated bedded sorghum in Arizona and California and for postemergence applications plus emulsifiable oil, see additional precautions under these sections of this label.

Suggestions for Rotational Crops:
1--Land treated with Atrazine 4L should not be planted to any crop except corn or sorghum until the following year or injury may occur.
2--If Atrazine 4L is applied after June 10, do not rotate with crops other than corn or sorghum the next year or injury may occur.
3--If Atrazine 4L is used at a broadcast rate higher than 6 pts. per acre for comparable rates in a band application, a crop of untreated corn or sorghum should precede the next rotational crop.
4--In the High Plains and Intermountain areas of the West where rainfall is sparse and erratic or where irrigation is required, use Atrazine 4L to control weeds in sorghum only when sorghum is to follow sorghum or a crop of untreated sorghum or corn is to precede other rotational crops.
5--In Western Minnesota and Eastern parts of the Dakotas, Nebraska and Kansas, sorghum treated with Atrazine 4L should not be followed with soybeans if the broadcast rate applied was more than 4 pts. per acre or comparable rate in a band or injury may occur.
6--Injury may occur to soybeans planted in North Central Iowa and South Central Minnesota the year following an Atrazine 4L application on Harps, Camille, Stroden or other soils having a calcareous surface layer.
7--Do not plant sugar beets, tobacco, vegetables including dry beans, spring seeded small grains or small seeded legumes and grasses the year following Atrazine 4L application or injury may occur.

EPA REG. No. 19713-11 Net Contents 5 gallons