

4L

U.S. Standard Measure

**Agricultural Division
CIBA-GEIGY Corporation
Greensboro, North Carolina 2741
CGA 7L38Q**

ACCEPTED

DEC 15 1983

1. There is a high probability that the information obtained from the above sources will be of great value to the Bureau and the field offices in the investigation of the activities of the Communist Party, U.S.A. and its branches and affiliates.

EPA Reg No. 700-497

4L

2½
Gallons
U.S. Standard Measure

Agricultural Division
CIBA-GEIGY Corporation
Greensboro, North Carolina 27419
CGA 7L38Q 103

CIBA-GEIGY

▲ 1997 年 12 月 1 日，在《人民日报》发表署名文章《中国要实行“三权分立”》，主张“三权分立”是“现代政治文明”的标志，中国要实行“三权分立”。

Missing procedures - situation: In the case of missing procedures, the following steps should be taken:

AAtrex 4L

[illegible]

Center pivot sprinkler application

Preemergence or postemergence: Apply Atrazine Atrazine is commonly used in stores with other herbicides and is also what is registered for preemergence application with irrigation water. Apply it after the last planting, before the weeds emerge. Water the preemergence herbicide for 2 to 3 inches and before weeds exist and 2 to 3 inches in height. Apply at rates recommended in the label. Irrigate water with a minimum of 1/2 inch water to start, but in wetting a larger volume of water will be sure the herbicide will assure more accurate calibration of metering equipment. Maintain sufficient irrigation to keep herbicide in suspension. Many herbicide manufacturers recommend irrigation water to be applied in 1/2 inch water use the wet water volume on coarse textured soils. The higher volume of finer textured soils. More than 1/2 inch of water may reduce weed control by moving herbicide below the effective zone in the soil. Inject the herbicide into systems out of a post hole, placement pump.

Refer to supplemental procedure 10.1 Step by CBA. Use by hand for calibration on calibrating.

Precautions: (1) Apply only through irrigation systems containing good design and check valves to prevent contamination of water during shut-down and backflow of solution tank. (2) Install dead-end line with backflow preventer to insure adequate mixing. (3) Chemical injection pumps and water pumps must have interlock to prevent air surges to take up solution. (4) Application when drilling may occur with water pumps. When system starts and operations are taking place, when 22.5% are in place and uniform distribution is cause crop injury. (5) Where surface distribution patterns do not provide sufficient unacceptability when in place, surface water should be applied to the patterns later in the season, and in the future, more.

AAIrex 4L Applied Alone—Corn or Grain Sorghum

Preplant Incorporated or Preemergence (or Postemergence at 4 pt. A with oil)

[illegible]

★ 1973-1975	1973-1975	1973-1975
★ 1976-1978	1976-1978	1976-1978
★ 1979-1981	1979-1981	1979-1981
★ 1982-1984	1982-1984	1982-1984
★ 1985-1987	1985-1987	1985-1987
★ 1988-1990	1988-1990	1988-1990
★ 1991-1993	1991-1993	1991-1993
★ 1994-1996	1994-1996	1994-1996
★ 1997-1999	1997-1999	1997-1999
★ 2000-2002	2000-2002	2000-2002
★ 2003-2005	2003-2005	2003-2005
★ 2006-2008	2006-2008	2006-2008
★ 2009-2011	2009-2011	2009-2011
★ 2012-2014	2012-2014	2012-2014
★ 2015-2017	2015-2017	2015-2017
★ 2018-2020	2018-2020	2018-2020
★ 2021-2023	2021-2023	2021-2023
★ 2024-2026	2024-2026	2024-2026
★ 2027-2029	2027-2029	2027-2029
★ 2030-2032	2030-2032	2030-2032
★ 2033-2035	2033-2035	2033-2035
★ 2036-2038	2036-2038	2036-2038
★ 2039-2041	2039-2041	2039-2041
★ 2042-2044	2042-2044	2042-2044
★ 2045-2047	2045-2047	2045-2047
★ 2048-2050	2048-2050	2048-2050
★ 2051-2053	2051-2053	2051-2053
★ 2054-2056	2054-2056	2054-2056
★ 2057-2059	2057-2059	2057-2059
★ 2060-2062	2060-2062	2060-2062
★ 2063-2065	2063-2065	2063-2065
★ 2066-2068	2066-2068	2066-2068
★ 2069-2071	2069-2071	2069-2071
★ 2072-2074	2072-2074	2072-2074
★ 2075-2077	2075-2077	2075-2077
★ 2078-2080	2078-2080	2078-2080
★ 2081-2083	2081-2083	2081-2083
★ 2084-2086	2084-2086	2084-2086
★ 2087-2089	2087-2089	2087-2089
★ 2090-2092	2090-2092	2090-2092
★ 2093-2095	2093-2095	2093-2095
★ 2096-2098	2096-2098	2096-2098
★ 2099-2101	2099-2101	2099-2101
★ 2102-2104	2102-2104	2102-2104
★ 2105-2107	2105-2107	2105-2107
★ 2108-2110	2108-2110	2108-2110
★ 2111-2113	2111-2113	2111-2113
★ 2114-2116	2114-2116	2114-2116
★ 2117-2119	2117-2119	2117-2119
★ 2120-2122	2120-2122	2120-2122
★ 2123-2125	2123-2125	2123-2125
★ 2126-2128	2126-2128	2126-2128
★ 2129-2131	2129-2131	2129-2131
★ 2132-2134	2132-2134	2132-2134
★ 2135-2137	2135-2137	2135-2137
★ 2138-2140	2138-2140	2138-2140
★ 2141-2143	2141-2143	2141-2143
★ 2144-2146	2144-2146	2144-2146
★ 2147-2149	2147-2149	2147-2149
★ 2150-2152	2150-2152	2150-2152
★ 2153-2155	2153-2155	2153-2155
★ 2156-2158	2156-2158	2156-2158
★ 2159-2161	2159-2161	2159-2161
★ 2162-2164	2162-2164	2162-2164
★ 2165-2167	2165-2167	2165-2167
★ 2168-2170	2168-2170	2168-2170
★ 2171-2173	2171-2173	2171-2173
★ 2174-2176	2174-2176	2174-2176
★ 2177-2179	2177-2179	2177-2179
★ 2180-2182	2180-2182	2180-2182
★ 2183-2185	2183-2185	2183-2185
★ 2186-2188	2186-2188	2186-2188
★ 2189-2191	2189-2191	2189-2191
★ 2192-2194	2192-2194	2192-2194
★ 2195-2197	2195-2197	2195-2197
★ 2198-2200	2198-2200	219

DJ-007-0000-000

70 100 150 200 250 300 350 400 450 500 550 600 650 700 750 800 850 900 950 1000

Postemergence with Emulsifiable Oil or Oil Concentrate in Water
(2 + 2.4 pt/A)

97. 12 2d' 4-48 - 100 - 12

3800	QUARTZITE	100
3900	QUARTZITE	100
4000	QUARTZITE	100
4100	QUARTZITE	100
4200	QUARTZITE	100

Corn

Preplant Broadleaf and grass control—Apply 0.75 lb/A of the active ingredient as a preplant treatment to corn, soybean, cotton, sorghum, rice, and sugarcane. Apply 0.5 lb/A to wheat, barley, oats, rye, and triticale. Apply 0.25 lb/A to alfalfa, clover, and other legumes. Apply 0.125 lb/A to all other crops. Apply 0.125 lb/A to all other crops.

Preemergence (Broadleaf and grass control) A.I., lb. a.i./a.c. 1.000000
 2,4-D (100% acid) 0.000000
 2,4-D (75% acid) 0.000000
 2,4-D (40% acid) 0.000000
 2,4-D (25% acid) 0.000000
 2,4-D (15% acid) 0.000000
 2,4-D (10% acid) 0.000000
 2,4-D (5% acid) 0.000000
 2,4-D (2.5% acid) 0.000000
 2,4-D (1.25% acid) 0.000000
 2,4-D (0.625% acid) 0.000000
 2,4-D (0.3125% acid) 0.000000
 2,4-D (0.15625% acid) 0.000000
 2,4-D (0.078125% acid) 0.000000
 2,4-D (0.0390625% acid) 0.000000
 2,4-D (0.01953125% acid) 0.000000
 2,4-D (0.009765625% acid) 0.000000
 2,4-D (0.0048828125% acid) 0.000000
 2,4-D (0.00244140625% acid) 0.000000
 2,4-D (0.001220703125% acid) 0.000000
 2,4-D (0.0006103515625% acid) 0.000000
 2,4-D (0.00030517578125% acid) 0.000000
 2,4-D (0.000152587890625% acid) 0.000000
 2,4-D (0.0000762939453125% acid) 0.000000
 2,4-D (0.00003814697265625% acid) 0.000000
 2,4-D (0.000019073486328125% acid) 0.000000
 2,4-D (0.0000095367431640625% acid) 0.000000
 2,4-D (0.00000476837158203125% acid) 0.000000
 2,4-D (0.000002384185791015625% acid) 0.000000
 2,4-D (0.0000011920928955078125% acid) 0.000000
 2,4-D (0.00000059604644775390625% acid) 0.000000
 2,4-D (0.000000298023223876953125% acid) 0.000000
 2,4-D (0.0000001490116119384765625% acid) 0.000000
 2,4-D (0.00000007450580596923828125% acid) 0.000000
 2,4-D (0.000000037252902984619140625% acid) 0.000000
 2,4-D (0.0000000186264514923095703125% acid) 0.000000
 2,4-D (0.00000000931322574615478515625% acid) 0.000000
 2,4-D (0.000000004656612873077392578125% acid) 0.000000
 2,4-D (0.0000000023283064365386962890625% acid) 0.000000
 2,4-D (0.00000000116415321826934814453125% acid) 0.000000
 2,4-D (0.000000000582076609134674072265625% acid) 0.000000
 2,4-D (0.0000000002910383045673370361328125% acid) 0.000000
 2,4-D (0.00000000014551915228366851806640625% acid) 0.000000
 2,4-D (0.000000000072759576141834259033203125% acid) 0.000000
 2,4-D (0.0000000000363797880709171295166015625% acid) 0.000000
 2,4-D (0.00000000001818989403545856475830078125% acid) 0.000000
 2,4-D (0.000000000009094947017729282379150390625% acid) 0.000000
 2,4-D (0.0000000000045474735088646411895751953125% acid) 0.000000
 2,4-D (0.00000000000227373675443232059478759765625% acid) 0.000000
 2,4-D (0.000000000001136868377216160297393798828125% acid) 0.000000
 2,4-D (0.0000000000005684341886080801486968994140625% acid) 0.000000
 2,4-D (0.00000000000028421709430404007434844970703125% acid) 0.000000
 2,4-D (0.000000000000142108547152020037174224853515625% acid) 0.000000
 2,4-D (0.0000000000000710542735760100185871124267578125% acid) 0.000000
 2,4-D (0.00000000000003552713678800500929355621337890625% acid) 0.000000
 2,4-D (0.000000000000017763568394002500461778106689453125% acid) 0.000000
 2,4-D (0.0000000000000088817841970012502308890533447265625% acid) 0.000000
 2,4-D (0.00000000000000444089209850062511544452667236328125% acid) 0.000000
 2,4-D (0.000000000000002220446049250312557722263336181640625% acid) 0.000000
 2,4-D (0.0000000000000011102230246251562788611316680908203125% acid) 0.000000
 2,4-D (0.00000000000000055511151231257813943056583390541015625% acid) 0.000000
 2,4-D (0.000000000000000277555756156289069715282916952705078125% acid) 0.000000
 2,4-D (0.0000000000000001387778780781445348576414584763525390625% acid) 0.000000
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 2,4-D (0.00000000000000000867361737988403342860259115477203369140625% acid) 0.000000
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 2,4-D (0.0000000000000000021684043449710083571506477886930084228515625% acid) 0.000000
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 2,4-D (0.00000000000000000013552527156068802232191548679331302642822265625% acid) 0.000000
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 2,4-D (0.0000000000000000000338813178901720055804788716983282566070556640625% acid) 0.000000
 2,4-D (

Postemergence (Broadleaf and grass control): Apply 1.0 to 1.5 lb a.i. per acre with water. Do not apply to corn, soybeans, or other broadleaf crops.

Table 1. Broadleaf and Grass Weed Control on Corn*

[illegible]

Lay by treatment (Broadleaf and grass control) : 1st year 0.4 t/ha active weeds at 15-20 days after lay; 2nd year 0.6 t/ha active weeds at 15-20 days after lay; 3rd year 0.7 t/ha active weeds at 15-20 days after lay.

Postemergence with emulsifiable oil or oil concentrate in water. A 1% oil concentration is recommended for control of sedges and grasses, but less than 1% is sufficient for control of broadleaf weeds.

Type Oil	Ground Application	Aerial Application
Intermediate or Light Petroleum Grades	1 gal. A	2 gal. A
Petroleum Grades	1 gal. A	2 gal. A

Water Crop derived or petroleum derived concentrates should contain at least 1% but not more than 2% suitable emulsifier or surfactant blend. Petroleum derived oils should contain at least 1% suitable emulsifier.

Broadleaf and grass control: For post-emergence control of those weeds listed under Preplant Incorporated and Preemergence, broadcast 4 pt. A plus 0.5 lb/acre of 10-0-10 concentrate after weed emergence, but before weeds reach 1.5 inches in height.

Broadleaf control: For postemergence control of these weeds, spray under Postemergence with emulsifiable oil or oil concentrate in water. Broadleaf 2:4 ft A plus emulsifiable oil or concentrate before pigweed and ambrosia's reach 6 inches in height and before other weeds reach 4 inches in height. A full rate may be necessary if all weeds are not controlled. Control weeds that

Precautions for applications with emulsifiable or concentrate in water:
1. Do not apply when crop is under stress from prolonged cold wet weather.
2. Do not fertilize with other factors or when crop is wilted or deficient from recent rainfall or crop may occur. 3. Do not use on any breed of stock may be severely injured by applications with emulsifiable or concentrate. 4. Add quarter insecticide to fertilizer, do not use other materials not recommended because they may cause compatibility problems in crop. 5. 4. Store and handle emulsifiable and concentrate carefully. Do not contaminate with even a small amount of water. Do not emulsify in tank when stored in the tank. 6. Do not make more than one application per season. 7. Always use protective clothing when the spray is applied and wash thoroughly.

Problem weeds

RE: "A New Study on the Effectiveness of the 'No-Fly' List" (1/11/11) The FAA's new study on the effectiveness of the "No-Fly" list is a significant step forward in the fight against terrorism. The study found that the "No-Fly" list is highly effective in preventing terrorists from boarding flights. This is a major achievement, as it shows that the FAA's screening process is working as intended. The study also found that the "No-Fly" list is not overly restrictive, as it only targets a small number of individuals. This is a positive finding, as it shows that the FAA is able to balance security with the need for freedom of travel. The study's findings are a testament to the FAA's commitment to public safety and its dedication to the highest standards of security. The FAA's "No-Fly" list is a critical tool in the fight against terrorism, and this study confirms its effectiveness. The FAA's screening process is a model of efficiency and effectiveness, and it is a testament to the FAA's commitment to the highest standards of security. The FAA's "No-Fly" list is a critical tool in the fight against terrorism, and this study confirms its effectiveness. The FAA's screening process is a model of efficiency and effectiveness, and it is a testament to the FAA's commitment to the highest standards of security.

For information on this report, contact the Environmental Data Resource at the Center for the Study of the Environment, 100 Brook Hill Drive, Suite 300, Brookline, MA 02146, USA. Tel: 617-352-2100. Fax: 617-352-2101. E-mail: info@edr.org.

[illegible]

c. By adding a 2' A tail to the 3' end of the 18S rRNA, the 18S rRNA is able to form a tertiary structure, forming a 3' loop. The 3' loop is the site where the 5' cap is added. The 5' cap is added to the 5' end of the mRNA, forming a 5' cap. The 5' cap is added to the 5' end of the mRNA, forming a 5' cap. The 5' cap is added to the 5' end of the mRNA, forming a 5' cap.

1. Bei der Herstellung von Kunststoffen werden häufig verschiedene Additive zugesetzt, um die Eigenschaften des Materials zu verbessern. Welche der folgenden Additive sind typischerweise in Kunststoffen enthalten?

4. Bei steigendem Alter nimmt die Wahrscheinlichkeit zu, dass ein Mensch eine Krankheit bekommt.

1. The first step is to identify the problem. This involves understanding the situation, gathering information, and defining the problem clearly.

Quackgrass control on land going into corn production

2. The following information is provided for the year ended 31 December 2014:

[illegible]

Tank Mixtures for Corn

1. *Environ. Biol. Fish.* 1997, 48: 171-180.
 2. *Environ. Biol. Fish.* 1998, 51: 1-10.
 3. *Environ. Biol. Fish.* 1999, 54: 1-10.
 4. *Environ. Biol. Fish.* 2000, 57: 1-10.
 5. *Environ. Biol. Fish.* 2001, 60: 1-10.
 6. *Environ. Biol. Fish.* 2002, 63: 1-10.
 7. *Environ. Biol. Fish.* 2003, 66: 1-10.
 8. *Environ. Biol. Fish.* 2004, 69: 1-10.
 9. *Environ. Biol. Fish.* 2005, 72: 1-10.
 10. *Environ. Biol. Fish.* 2006, 75: 1-10.
 11. *Environ. Biol. Fish.* 2007, 78: 1-10.
 12. *Environ. Biol. Fish.* 2008, 81: 1-10.
 13. *Environ. Biol. Fish.* 2009, 84: 1-10.
 14. *Environ. Biol. Fish.* 2010, 87: 1-10.
 15. *Environ. Biol. Fish.* 2011, 90: 1-10.
 16. *Environ. Biol. Fish.* 2012, 93: 1-10.
 17. *Environ. Biol. Fish.* 2013, 96: 1-10.
 18. *Environ. Biol. Fish.* 2014, 97: 1-10.
 19. *Environ. Biol. Fish.* 2015, 98: 1-10.
 20. *Environ. Biol. Fish.* 2016, 99: 1-10.
 21. *Environ. Biol. Fish.* 2017, 100: 1-10.
 22. *Environ. Biol. Fish.* 2018, 101: 1-10.
 23. *Environ. Biol. Fish.* 2019, 102: 1-10.
 24. *Environ. Biol. Fish.* 2020, 103: 1-10.
 25. *Environ. Biol. Fish.* 2021, 104: 1-10.
 26. *Environ. Biol. Fish.* 2022, 105: 1-10.
 27. *Environ. Biol. Fish.* 2023, 106: 1-10.
 28. *Environ. Biol. Fish.* 2024, 107: 1-10.
 29. *Environ. Biol. Fish.* 2025, 108: 1-10.
 30. *Environ. Biol. Fish.* 2026, 109: 1-10.
 31. *Environ. Biol. Fish.* 2027, 110: 1-10.
 32. *Environ. Biol. Fish.* 2028, 111: 1-10.
 33. *Environ. Biol. Fish.* 2029, 112: 1-10.
 34. *Environ. Biol. Fish.* 2030, 113: 1-10.
 35. *Environ. Biol. Fish.* 2031, 114: 1-10.
 36. *Environ. Biol. Fish.* 2032, 115: 1-10.
 37. *Environ. Biol. Fish.* 2033, 116: 1-10.
 38. *Environ. Biol. Fish.* 2034, 117: 1-10.
 39. *Environ. Biol. Fish.* 2035, 118: 1-10.
 40. *Environ. Biol. Fish.* 2036, 119: 1-10.
 41. *Environ. Biol. Fish.* 2037, 120: 1-10.
 42. *Environ. Biol. Fish.* 2038, 121: 1-10.
 43. *Environ. Biol. Fish.* 2039, 122: 1-10.
 44. *Environ. Biol. Fish.* 2040, 123: 1-10.
 45. *Environ. Biol. Fish.* 2041, 124: 1-10.
 46. *Environ. Biol. Fish.* 2042, 125: 1-10.
 47. *Environ. Biol. Fish.* 2043, 126: 1-10.
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 69. *Environ. Biol. Fish.* 2065, 148: 1-10.
 70. *Environ. Biol. Fish.* 2066, 149: 1-10.
 71. *Environ. Biol. Fish.* 2067, 150: 1-10.
 72. *Environ. Biol. Fish.* 2068, 151: 1-10.
 73. *Environ. Biol. Fish.* 2069, 152: 1-10.
 74. *Environ. Biol. Fish.* 2070, 153: 1-10.
 75. *Environ. Biol. Fish.* 2071, 154: 1-10.
 76. *Environ. Biol. Fish.* 2072, 155: 1-10.
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 81. *Environ. Biol. Fish.* 2077, 160: 1-10.
 82. *Environ. Biol. Fish.* 2078, 161: 1-10.
 83. *Environ. Biol. Fish.* 2079, 162: 1-10.
 84. *Environ. Biol. Fish.* 2080, 163: 1-10.
 85. *Environ. Biol. Fish.* 2081, 164: 1-10.
 86. *Environ. Biol. Fish.* 2082, 165: 1-10.
 87. *Environ. Biol. Fish.* 2083, 166: 1-10.
 88. *Environ. Biol. Fish.* 2084, 167: 1-10.
 89. *Environ. Biol. Fish.* 2085, 168: 1-10.
 90. *Environ. Biol. Fish.* 2086, 169: 1-10.
 91. *Environ. Biol. Fish.* 2087, 170: 1-10.
 92. *Environ. Biol. Fish.* 2088, 171: 1-10.
 93. *Environ. Biol. Fish.* 2089, 172: 1-10.
 94. *Environ. Biol. Fish.* 2090, 173: 1-10.
 95. *Environ. Biol. Fish.* 2091, 174: 1-10.
 96. *Environ. Biol. Fish.* 2092, 175: 1-10.
 97. *Environ. Biol. Fish.* 2093, 176: 1-10.
 98. *Environ. Biol. Fish.* 2094, 177: 1-10.
 99. *Environ. Biol. Fish.* 2095, 178: 1-10.
 100. *Environ. Biol. Fish.* 2096, 179: 1-10.
 101. *Environ. Biol. Fish.* 2097, 180: 1-10.
 102. *Environ. Biol. Fish.* 2098, 181: 1-10.
 103. *Environ. Biol. Fish.* 2099, 182: 1-10.
 104. *Environ. Biol. Fish.* 2100, 183: 1-10.
 105. *Environ. Biol. Fish.* 2101, 184: 1-10.
 106. *Environ. Biol. Fish.* 2102, 185: 1-10.
 107. *Environ. Biol. Fish.* 2103, 186: 1-10.
 108. *Environ. Biol. Fish.* 2104, 187: 1-10.
 109. *Environ. Biol. Fish.* 2105, 188: 1-10.
 110. *Environ. Biol. Fish.* 2106, 189: 1-10.
 111. *Environ. Biol. Fish.* 2107, 190: 1-10.

[illegible][illegible]

AAtrex - 4L

Note: When the above line above is not used, refer to the new use of the rates of AA/Tex 4L One of the new use is 1.0, 1.4L

Prinsep 80W, Prinsep 4L (4LC), or Prinsep Caliber® 90

In addition to the weeds listed under **AAIrex 4L Applied Alone — Corn and Grain Sorghum — Preplant or Preemergence**, this combination also controls crabgrass, tall panicum, and carpetweed.

Broadcast tank mix before planting, at planting, or after planting, but before crop and weeds emerge, at rates in Table 2. Use the 1:1 ratio for control of most weeds. Use the 1:2 ratio for expected heavy infestations of crabgrass and tall panicle. Cultivate shallowly if weeds develop.

Preplant Apply in spring during or after a seedbed preparation. If soil is too hard, worked after application, avoid deep incorporation. For best results, apply within two weeks prior to planting.

Preemergence Apply during or shortly after planting, but before crop and weeds emerge

Refer to Coin sections of this date and to Princep 80A, Princep 6a, 30r, 90, or Princep 4L. Allowable for further sections, imitations and predictions.

Table 2. Tank Mixtures with Princep on Corn

Soil texture	Broadcast rate A			
	1:1 Ratio*		1:2 Ratio**	
	This product	Princep 80W ¹	This product	Princep 80W
Sand, loamy sand, sandy loam	2.4 pt	1.25 pt	1.2 pt	1.7 pt
Loam, silt loam, silty clay loam				
sandy clay loam, silty clay loam				
sandy clay or silty clay with	2.4 pt	1.5 pt	1.5 pt	2 pt
low organic matter				
Loam, silt loam, silty clay loam				
sandy clay loam, silty clay loam				
sandy clay or silty clay in				
medium to high organic matter	3 pt	1.5 pt	1.5 pt	2.4 pt
and clay (including dark prairie				
soils of the Corn Belt)				

- For control of most weeds
- For control of expected heavy infestations of *Setaria* spp. and *Alopecurus*

When using Prince's Oatmeal, remember that the recommended amount of Prince Oatmeal is 3 to 4 cups per day for a 150 lb. person. 4 to 6 cups per day for a 200 lb. person.

Princep 80W, Princep 4L (4LC), or Princep Caliber 90 plus Roundup. Use as tank mixture for preemergence and postemergence control of certain broadleaf and grass weeds where corn will be planted directly. For a complete label sheet, see 50D or print previous label sheet. **Do not** use Roundup after final directions. Weeds controlled previously and relations.

Princep 80W, Princep 4L (4LC), or Princep Caliber 90 plus Paraquat Use as tank mixture with Princep and paraquat for controlling vegetation and trees and weed control where you will be applying directly to a cover crop established soon or in previous crop residues. Add 1.5 quarts of Princep to water in spray tank agitating until thoroughly mixed. Then add paraquat and a nonionic surfactant such as X-77. Continue agitation during application. Broadcast 2.4 quarts of product plus 1.25 2.5 lb Princep 80W for 2.4 quarts of 4L (4LC) or 1.2 2.2 lb Princep Caliber 90 plus 1.2 lb paraquat in 20 to 30 gal of water per acre. Apply before, during, or after planting but before corn emergence. Add 5 parts of a nonionic surfactant such as X-77 per 1 gal of spray mixture. Control of Princep/Paraquat foraging vegetation is 4 to 6 weeks. For more information, see the label for Princep 80W.

Refer to further materials and slides for more information regarding the paradigm.

- Predators fed on plants from the 100% and 50% treatments. A
insignificant difference in feeding preference was observed between
and thoroughly tested. A significant difference in feeding preference
seeded rotational plots. Feeding preference was not

Spent 14 hrs at the airport, 12 hrs at the hotel, and 2 hrs at the airport for 21 days to come back home.

[illegible]

Sorghum and Sorghum sudan Hybrid, tin and Fo Age Types,

[illegible]

Preemergence (Broadleaf and grass control) A. *preemergence* (broadleaf and grass control) is a preemergence herbicide that is applied to the soil before the crop is planted. It is effective against a wide range of broadleaf and grass weeds.

Table 3. Preplant and Preemergence Broadleaf and Grass Weed Control in Sorghum*

Soil texture	Organic matter	Broadcast rate A
COARSE Sand, loamy sand, sandy loam	any level	DO NOT USE (except for preemergence use on bedded sorghum in AZ and CA)
MEDIUM AND FINE Loam, silt loam, silt clay loam, sandy clay loam, silty clay loam, sandy clay, silty clay	less than 1%	3-4 pt
	1-1.5%	3-4 pt
	more than 1.5%	4-4.75 pt

* Do not apply preemergence in NM, OK, or TX except in northeast OK and the TX Gulf Coast.

In case of planting failure, sorghum or corn may be re-planted. Do not make a second broadcast application or injury may occur if originally applied in a band and sorghum or corn is re-planted in untreated row middles. This product may be applied in a band to the second planting.

Preemergence broadcast weed control in furrow irrigated bedded sorghum (AZ and CA only) For preemergence control of many broad leaf weeds, broadcast 1.6-2.4 lb/A altered preparation during or after planting, but before sorghum and weeds emerge and before the first furrow irrigation. Follow with several regular irrigations making sure thorough wetting. See

- Precautions for pre-emergence application to furrow irrigated seeded sorghum in AZ and CA: Do not use the sorghum injury data to use in sand or sandy sand sorghum or sorghum planted in furrows. Application to sorghum growing on a bare soil where cultivated sorghums have exposed a carcass or a subsoil may cause crop injury in case of pre-planting. Do not replant sorghum for 6 months following application. Crop may be planted immediately.

Postemergence (Broadleaf and grass control): Apply at rate in Table 4 before weeds exceed 5 inches in height. Apply close to soil.

Table 4 Postemergence Broadleaf and Grass Weed Control in Sorghum

Soil texture	Minimum sorghum height at treatment	Broadcast rate A
Sand or very sand	DO NOT USE	
Sandy loam	Seedlings must just emerge and that weed control	
Loam to sandy loam	Complete emergence	4.4-5.2
Clay loam to heavy clay	6 inches	4.4-5.2
Sticky loam and heavy clays	Complete emergence	6.2

Postemergence broadleaf weed control with emulsifiable oil or oil concentrate in water. Broadcast 2.4-A or a combination of many broadleaf weeds. Apply before pigweed and amaranth seedlings reach 6 inches in height and before other weeds reach 4 inches in height in CO, western KS, NM, OK, TX, and desert regions of AZ and CA. Apply when sorghum is 6 to 8 inches in height but before it reaches bird stage in all other areas. Apply after sorghum reaches the 3-leaf stage. Add 1 gal./a of emulsifier. After ground application add 0.5 gal./a of a surfactant. Add 1 qt./a of oil concentrate for ground application. A cultivation may be necessary if all weeds are not controlled or if weeds regrow.

For the 1st of weeds controlled, see AAtrex 4L Applied Alone — Corn or Grain Sorghum — Postemergence with Emulsifiable Oil or Oil Concentrate in Water.

- See Predictions for $\hat{\alpha}_1$ and $\hat{\alpha}_2$ with $\hat{\alpha}_1$ and $\hat{\alpha}_2$ in the same column.

Postemergence broadleaf weed control with surfactant (CO western KS NM, OK, TX and desert regions of AZ and CA only) Broadcast 2 qt/Ap. 50 to 150 g/A surfactant after 30 mm (12 inches) or 40 mm (16 inches) weeds are 15 to 25 cm (6 to 10 inches) high. Apply on dry sand, silt and fine textured soil.

[illegible]

4. The 100% rate of loss of age from treated areas is not a
accident.

Rotational crops see **Rotational cropping** and **crop rotation**

Tank Mixtures for Grain Sorghum

Igran® 80W - 80% active ingredient
Igran® 80W - 80% active ingredient

Dual BE CSAS are made with a BE that is in the SEARCS stage in the
 and the down is not the same stage as the one in the SEARCS stage
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AAtrex® trademark of CIBA-GEIGY for atrazine.
 Beston® trademark of Dow Chemical Co. for propachlor.
 Canber® trademark of CIBA-GEIGY.
 Complex® trademark of KALO Agricultural Chemicals, Inc.
 Concept® trademark of CIBA-GEIGY.
 Dual® trademark of CIBA-GEIGY for metolachlor.
 U.S. Patent No. 3,937,730.
 Igran® trademark of CIBA-GEIGY for terbutryn.
 U.S. Patent No. 3,634,062.
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 Princep® trademark of CIBA-GEIGY for simazine.
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Agricultural Division
 CIBA-GEIGY Corporation
 Greensboro, North Carolina 27419
 CGA 7L38Q 103

AAtrex®

4L

Herbicide

For season-long weed control in corn and sorghum.

For weed control in certain other crops, in noncrop areas, and industrial sites.

Active Ingredients:
 Atrazine: 2-chloro-4-ethylamino-6-isopropylamino-s-triazine, 40.8%.
 Related compounds, 2.2%.

Inert Ingredients: 57.0%

Total: 100.0%

See directions for use in attached booklet.

EPA Reg. No. 100-497

EPA Est. 100-LA-1

AAtrex® trademark of CIBA-GEIGY for atrazine.

2½ Gallons
 U.S. Standard Measure

AAtrex 4L contains 4 lbs. active ingredients per gallon.

Shake well before using.

Use entire contents at one time.

Keep Out of Reach of Children.

Caution

Precautionary Statements

Hazards to Humans and Domestic Animals:
 Harmful if swallowed, inhaled, or absorbed through skin. Do not breathe vapors or spray mist. Avoid contact with eyes, skin or clothing.

First Aid: If swallowed, contact your local poison control center, hospital, or physician. If the patient is unconscious, maintain breathing and heartbeat. Cardiac pulmonary resuscitation. If the patient is conscious and alert, induce vomiting. Syrup of ipecac or stimulate the back of the throat with a finger. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

In case of skin contact, remove contaminated clothing and wash with soap and water. In case of contact with eyes, flush with plenty of water. Get medical attention if irritation persists.

Note to Physician: There is no specific antidote for atrazine. This product is ingested, induces emesis or lavage stomach. The use of an adsorbent such as activated charcoal may be indicated.

Environmental Hazards

Do not apply or fresh into any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes.

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