



SUPPLEMENTAL LABELING

Parallel® PCS Herbicide EPA Reg. No. 66222-86

DIRECTIONS FOR USE

- It is a violation of Federal law to use this product inconsistent with its labeling.
- This supplemental labeling must be in the possession of the user at the time of pesticide application.
- Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the label attached to the container.

GRAIN OR FORAGE SORGHUM (SEED TREATED WITH CONCEP OR SCREEN)

PARALLEL PCS ALONE

Apply PARALLEL PCS, either preplant surface, preplant incorporated, or preemergence, using the appropriate rate specified below. Apply PARALLEL PCS alone only when the sorghum seed has been properly treated by the seed company with Concep or Screen.

Preplant Surface-Applied: Refer to instructions for use of PARALLEL PCS under **Application Procedures**. For minimum-tillage or no-tillage systems only, PARALLEL PCS may be applied up to 45 days before planting in CO, IA, IL, KS, MO, NE, and SD. Use only split applications for treatments made 30 - 45 days prior to planting, with $\frac{2}{3}$ of the broadcast rate applied initially and the remaining $\frac{1}{3}$ at planting. Apply 1.50 pts./A of PARALLEL PCS on *medium soils* or 1.67 pts./A on *fine soils*. Treatments less than 30 days prior to planting may be made either as a split or single application. Apply 1.33 pts./A of PARALLEL PCS on *coarse soils* not more than 2 weeks prior to planting. Under dry conditions, irrigation after application is recommended to move PARALLEL PCS into the soil.

Preplant Incorporated or Preemergence: Refer to instructions for use of PARALLEL PCS under **Application Procedures**. Broadcast 1.0 - 1.33 pts./A of PARALLEL PCS on *coarse soils*, 1.33 - 1.50 pts./A on *medium soils*, or 1.33 - 1.67 pts./A on *fine soils*.

Precautions: (1) If sorghum seed is not properly treated with Concep or Screen, PARALLEL PCS will severely injure the crop. (2) Under high soil moisture conditions prior to sorghum emergence, injury may occur following the use of PARALLEL PCS. The crop will normally outgrow this effect. (3) Do not use PARALLEL PCS on sorghum grown under dry mulch tillage, or injury may occur. (4) Except for the split preplant surface treatment, do not make more than one application per year, or illegal residues may result.

PARALLEL PCS COMBINATIONS

PARALLEL PCS tank mixtures with AAtrex may be applied in water or fluid fertilizer. Apply PARALLEL PCS in tank mixtures only when the sorghum seed has been properly treated by the seed company with Concep or Screen.

IMPORTANT: FOR TANK MIXTURES WITH AATREX (OR OTHER BRANDS OF ATRAZINE) – If applying PARALLEL PCS in tank mixture with AAtrex, all the restrictions and rate limitations on the AAtrex label must be followed if more restrictive/protective than those on this label. In addition, if AAtrex is/must be applied at rates lower than those recommended on this label, broadleaf weed control may be affected. Refer to the AAtrex label for weeds controlled at the reduced rates.

Precautions: (1) Applications of PARALLEL PCS + AAtrex on highly alkaline soils or on eroded areas where calcareous subsoils are exposed may cause sorghum injury. (2) If sorghum seed is not properly treated with Concep or Screen, PARALLEL PCS + AAtrex may severely injure the crop. (3) Under high soil moisture conditions prior to sorghum emergence, injury may occur following the use of PARALLEL PCS + AAtrex. The crop will normally outgrow this effect. (4) Do not use PARALLEL PCS + AAtrex on sorghum grown under dry mulch tillage, or injury may occur. (5) Except for the split preplant surface treatment, do not make more than one application per year, or illegal residues may result.

1. Tank Mixture with AAtrex

In addition to the weeds controlled by PARALLEL PCS alone, PARALLEL PCS + AAtrex also controls

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the following broadleaf weeds when applied either preplant surface, preplant incorporated, or preemergence: cocklebur, common purslane, hairy nightshade, lambsquarters, morningglory, ragweed, smartweed, and velvetleaf.

Preplant Surface-Applied: Refer to instructions for use of PARALLEL PCS under **Application Procedures**. For minimum-tillage or no-tillage systems only, PARALLEL PCS + AAtrex may be applied up to 45 days prior to planting in IA, IL, eastern KS, MO, NE, and SD. Use only split applications for treatments made 30 - 45 days prior to planting, with $\frac{2}{3}$ of the broadcast rate applied initially and the remaining $\frac{1}{3}$ at planting. Apply 1.50 pts./A of PARALLEL PCS + 1.7 - 2 lbs./A of AAtrex Nine-O* on *medium soils* with 1.5% organic matter or greater. Apply 1.50 pts./A of PARALLEL PCS + 1.7 - 2 lbs./A of AAtrex Nine-O on *fine soils* with less than 1.5% organic matter, or apply 1.67 pts./A of PARALLEL PCS + 2 - 2.2 lbs./A of AAtrex Nine-O on *fine soils* with 1.5% organic matter or greater. Treatments less than 30 days prior to planting may be made either as a split or single application. Under dry conditions, irrigation after application is recommended to move PARALLEL PCS + AAtrex into the soil.

Precautions: To avoid crop injury, (1) Do not use on coarse soils, and (2) Do not use on medium soils with less than 1.5% organic matter.

Preplant Incorporated or Preemergence: Refer to instructions for use of PARALLEL PCS under **Application Procedures**. On *medium soils* with 1.5% organic matter or greater, apply 1.0 pts./A of PARALLEL PCS + 1.3 lbs./A of AAtrex Nine-O*. On *fine soils* with less than 1.5% organic matter, apply 1.0 pts./A of PARALLEL PCS + 1.3 lbs./A of AAtrex Nine-O; on *fine soils* with 1.5% organic matter or greater, apply 1.2 - 1.33 pts./A of PARALLEL PCS + 1.6 - 1.8 lbs./A of AAtrex Nine-O.

*When using AAtrex 4L, use equivalent rates. One lb. of AAtrex Nine-O equals 1.8 pts. of AAtrex 4L.

Precautions: To avoid crop injury, (1) Do not use on coarse soils; (2) Do not use on medium soils with less than 1.5% organic matter; (3) Do not use in NM, OK, or TX, except in northeast OK and the TX Gulf Coast and Blacklands areas.

2. **Tank Mixture of PARALLEL PCS or PARALLEL PCS + AAtrex, with Gramoxone Extra, Landmaster BW, or Roundup for Minimum-Tillage or No-Tillage Systems**

In minimum-tillage or no-tillage systems where sorghum (seed treated with Concep or Screen) is planted directly into a cover crop, stale seedbed, established sod, or previous crop residues, the contact herbicides Gramoxone Extra, Landmaster BW, or Roundup may be tank mixed with PARALLEL PCS or PARALLEL PCS + AAtrex. See Comment 1 following this section. The PARALLEL PCS or PARALLEL PCS + AAtrex portion of the tank mixture provides preemergence control of the weeds listed on this label under the respective sections.

Refer to the label of each product used in combination and observe the planting details, restrictions, and all other precautions and limitations.

Application: Apply before, during, or after planting, but before sorghum emerges, at the appropriate rates listed under **Grain or Forage Sorghum - PARALLEL PCS Alone** or **- PARALLEL PCS Combinations - PARALLEL PCS + AAtrex**, respectively. Add Gramoxone Extra, Landmaster BW, or Roundup at the following broadcast rates:

Gramoxone Extra: 1.5-2.0, 2.0-2.5, or 2.5-3.0 pts./A to 1-3 inches, 3-6 inches, or 6-inch tall weeds, respectively. Apply surfactant at 1 or 2 pts./100 gals. of spray mixture with 75% or greater or 50 - 74% nonionic active ingredient, respectively. This treatment will not control weeds taller than 6 inches.

Landmaster BW: 27 - 54 oz./A depending on weed species and size. See the Landmaster BW label for weeds controlled, recommended rates for specific weeds, and other information concerning use.

Roundup: See the Roundup or Roundup RT label for weeds controlled, recommended rates, and other use directions.

Apply in a minimum of 20 gals. of water per acre with conventional spray equipment.

Comment 1: In Minimum-Tillage and No-Tillage systems, mix with Gramoxone Extra for control of most emerged annual weeds and suppression of perennial weeds; or with Landmaster BW for suppression of emerged field bindweed and control or suppression of annual weeds; or with Roundup for control of most emerged annual and perennial weeds.

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