

# QUINSTAR® 4L

A LIQUID-FLOWABLE FORMULATION OF QUINCLORAC FOR POST-EMERGENT CONTROL OF A VARIETY OF BROADLEAF WEEDS.



QuinStar\* 4L is a systemic herbicide with plant uptake through both foliage and roots. Herbicide symptoms on susceptible plants includes twisting, stunting, reddening and chlorosis. On annual weeds, symptoms may take up to two weeks after application to develop, with death occurring in about three weeks. On perennial weeds, symptoms may not be evident for several weeks after application. Full effect may not be evident for 3-6 months.

QuinStar 4L can be used for weed control in asparagus, blueberry, caneberry, cranberry, rhubarb, dry-seeded and water-seeded rice planting and production cultures, in fallow systems, grasses grown for seed, preplant wheat, preplant and incrop sorghum, and non-crop areas.

### **PRODUCT FEATURES**

- Formulated as a liquid flowable designed for dilution with water and spraying with common agricultural spray equipment.
- Provides control or suppression of a range of annual and perennial grass and broadleaf weeds, including barnyardgrass (and propanil-resistant biotypes), crabgrass, morningglory, field bindweed, hemp sesbania, dandelion and common ragweed.
- Low probability of selecting for resistant biotypes when used in a rotation with herbicides containing different modes of action.
- May be used for weed control in dry-seeded, water-seeded and Clearfield® rice planting and production cultures.

#### **ACTIVE INGREDIENT**

3.8 lbs/gal quinclorac

#### **HRAC GROUP**

4

#### **FORMULATION**

Liquid

#### REI

12 hours

#### **COMPARE TO**

Facet®, Paramount™

#### MODE OF ACTION

Synthetic auxin

#### **SIGNAL WORD**

Caution

#### **RESTRICTED USE**

No

#### **PACKAGING**

2 x 2.5 gal

#### **EPA REG NUMBER**

42750-169 | AD031023

See label for complete application guidelines and restrictions.





## FREQUENTLY ASKED QUESTIONS

What crop rotation restrictions do I need to observe when using QuinStar 4L in fallow systems, grass grown for seed, preplant wheat, preplant/in-crop sorghum or non-crop areas?

• In case of crop failure, only spring or winter wheat or grain sorghum may be immediately replanted. Do not plant any other crop other than spring or winter wheat or grain sorghum for 309 days (10 months) following application. For alfalfa, clover, dry beans, flax, peas, lentils, safflower, Solanaceous crops listed on the label, and sugarbeets, do not replant for 24 months and conduct a bioassay prior to planting any of these crops.

# How should I apply QuinStar 4L in fallow systems, preplant wheat or preplant sorghum to control field bindweed?

- For most effective bindweed control, apply QuinStar 4L herbicide in the fall just prior to the first killing frost. Bindweed plants should be actively growing and at least 4 inches long. If tillage is a part of local post-harvest practices, allow a minimum of 30 days for bindweed plants to re-grow after tillage prior to application.
- For best long-term bindweed control, make yearly applications of QuinStar 4L at 0.5 0.75 pt/A in the Fall. Use the higher rate for dense populations or large plants.
- QuinStar 4L may be applied as either a broadcast or spot spray application. Applications must be made to actively growing weeds.

#### Do I need to use a spray additive with QuinStar 4L?

• To achieve consistent weed control, the use of spray additive(s) with QuinStar 4L is required. The recommended spray additive is methylated seed oil. The use of crop oil concentrate is also permitted. A nitrogen fertilizer source (AMS or UAN) can be added to enhance efficacy but cannot be used in place of methylated seed oil or crop oil concentrate. Refer to label for spray additive rates and restrictions.



 $\blacktriangleleft$  See label for complete application guidelines and restrictions.

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