

SUREPYC IQ™

USER'S GUIDE



Controls Kyllinga, nutsedge and more than 70 listed weeds

Dual modes of action for Kyllinga and nutsedge control

Sequential applications of the lower label rates provide increased control of Kyllinga and nutsedge while enhancing turfgrass tolerance

WHAT IS SUREPYC IQ™?

SUREPYC IQ™ is a soluble liquid formulation that contains 1.47 pounds of imazaquin and 0.73 pounds of sulfentrazone per gallon. SUREPYC IQ will control or aid in the control of many important weeds in warm-season turfgrasses, including Bermudagrass, Centipedegrass, St. Augustinegrass and Zoysiagrass. SUREPYC IQ may be used on well-established turfgrass on grounds or lawns around residential, industrial, institutional and commercial establishments, golf courses, athletic fields, parks, cemeteries and sod farms. SUREPYC IQ will effectively control susceptible weeds when applied during the directed application timings.

HOW DOES SUREPYC IQ WORK?

The activity of SUREPYC IQ involves uptake by weed roots and/or foliage and rapid translocation to growing points. Treated plants stop growing soon after spray application. Chlorosis appears first in the newest leaves, with necrosis spreading from this point. In perennials, the herbicide is translocated into, and kills, underground storage organs. Complete death may not occur for several weeks after application in susceptible weed species. Irrigation or rainfall of 0.25 to 0.5 inches is suggested within one to seven days after application to incorporate SUREPYC IQ into the shoot/root zone where greatest weed control activity occurs.

TURFGRASS APPLICATIONS

SUREPYC IQ may be used selectively to control weeds anytime during the year except immediately prior to (within six weeks of) and during transition from turfgrass winter dormancy. Optimum control is achieved when weeds have recently emerged and are actively growing. A non-ionic surfactant at the rate of 1 quart per 100 gallons (0.25% v/v) needs to be added to the spray mixture. Caution: the use of surfactants, adjuvants or other spray additives can cause short-term discoloration of some turfgrass species. High temperatures and high relative humidity may increase the risk of temporary turf discoloration. Before wide scale use, an on-site evaluation of surfactants, adjuvants and other spray additives for effects on turfgrasses and mixture compatibility is advised.

CONTROL OF KYLLINGA AND SEDGES

SUREPYC IQ provides effective Kyllinga and sedge control while offering application flexibility that may enhance turfgrass tolerance. Both active ingredients are effective against Kyllinga and sedges and their activity is based on different modes of action. SUREPYC IQ contains active ingredients that inhibit acetolactate synthase and protoporphyrinogen oxidase. To maintain the long-term effectiveness of SUREPYC IQ, it should be incorporated into a weed management program that utilizes as many different modes of action as possible to control target weeds.

SEQUENTIAL APPLICATIONS – CONSISTENT KYLLINGA AND SEDGE CONTROL

Sequential applications are often necessary for effective Kyllinga and sedge control. SUREPYC IQ was designed so that two applications at 0.75 fl. oz. per 1,000 sq. ft. delivers the maximum annual application rates of imazaquin (0.75 lbs AI/A) and sulfentrazone (0.375 lbs AI/A). The second application needs to be made two to six weeks after the first application. Optimum control is usually achieved when the second application is made four weeks after the first application. Using two sequential applications may also reduce the incidence and severity of turfgrass injury.

Further enhancement of turf tolerance may be achieved by using three sequential applications of SUREPYC IQ at the 0.5 fl. oz. per 1,000 sq. ft. application rate. This approach will also deliver the maximum annual application rate of both active ingredients and the use of this low application rate minimizes the potential for turfgrass injury. When using three applications, they need to be made two to four weeks apart.

RECOMMENDED APPLICATION RATES AND SEQUENCES

ST. AUGUSTINEGRASS

| PRIMARY TARGET WEEDS | SUREPYC IQ PER 1,000 SQUARE FEET | NUMBER OF APPLICATIONS | PREFERRED APPLICATION INTERVAL |
|----------------------|----------------------------------|------------------------|--------------------------------|
| Kyllinga & nutsedge | 0.5 fl oz | 2 | 4 weeks |
| Kyllinga & nutsedge | 0.5 fl oz | 3 | 2 to 4 weeks |

BERMUDAGRASS (HYBRID AND COMMON), CENTIPEDEGRASS AND ZOYZIAGRASS

| PRIMARY TARGET WEEDS | SUREPYC IQ PER 1,000 SQUARE FEET | NUMBER OF APPLICATIONS | PREFERRED APPLICATION INTERVAL |
|----------------------|----------------------------------|------------------------|--------------------------------|
| Kyllinga & nutsedge | 0.5 fl oz | 2 | 4 weeks |
| Kyllinga & nutsedge | 0.5 fl oz | 3 | 2 to 4 weeks |
| Kyllinga & nutsedge | 0.75 fl oz | 2 | 4 weeks |

Contact your AMVAC Environmental Products™ distributor today, call AMVAC at 1-888-GO AMVAC (1-888-462-6822), or visit www.amvac.com.



Important: Always read and follow label instructions. SUREPYC IQ is an EPA registered product under EPA reg. No. 5481-631. Please check with your state agency responsible for pesticide registration to ensure registration status.

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