

Broadleaf Weed Control Strategies Using Drive Herbicide

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Drive (quiclorac) is a postemergence crabgrass herbicide that is available this year for the first time. Drive has shown excellent turfgrass safety on all cool-season species. Mature crabgrass plants (3+ tillers) can be controlled with a single application. Historically two or more applications of MSMA were needed to manage crabgrass that advanced past the 1-3 tiller stage. In addition, MSMA has the potential for turfgrass discoloration immediately after application. With the introduction of Acclaim (fenoxypop-ethyl) both efficacy and turf safety improved. However, Acclaim is antagonized by 2,4-D and can result in significant turfgrass injury. This prevents using them in a tank-mix to control broadleaf and annual grassy weeds in one application. Conversely, Drive may be tank-mixed with 2,4-D or products containing 2,4-D. Results from 1998 and 1999 indicate that weed control can be dramatically increased (specifically, ground ivy, speedwell, and clover) from these combinations. Lawncare operators should consider these combinations for call-backs and mid to late-summer weed control applications.