



Insecticide

(Active Chemical in 8-00-12 Grub Control w/Merit)

In Nebraska trials, Merit® provided 90% or greater white grub control when applications were applied between April 15 and July 1, which precedes annual white grub egg hatch.

Merit® (*imidacloprid*) represents a new class of insecticide chemistry. It is labeled for control white grubs and billbug larvae in turfgrasses, as well as other insects such as aphids, elm leaf beetles, lacebugs, leafhoppers, mealybugs, sawflies and scale insects on landscape ornamentals and in interior plantscapes. Because of its low toxicity and extremely low usage rates (0.3-0.4 lbs of active ingredient per acre), Merit® carries a CAUTION signal word and poses minimal risk for humans, pets, birds, fish and other wildlife. Several formulations of imidacloprid are currently available. Merit® 75WP and Merit® 0.5G are formulated by Bayer Corporation for use by professional turfgrass and landscape managers, while Merit® Plus Fertilizer (Howard Johnson's Ent.) are being marketed for home use.