

Proxy/Primo Initial Timing Study

In the spring of 2004 we initiated a study to examine the best timing for Proxy/Primo tankmixes for *Poa annua* seedhead suppression. The study was conducted on a predominately *Poa* at Forest Akers Golf Course in East Lansing, MI. Treatments included combinations of Proxy at either 3 or 5 fl oz. per 1000 sq. ft. plus Primo at 0.125 fl oz. per 1000 sq. ft. The objectives of this study were to determine the effect of initial treatment application timing and Proxy rate on seedhead suppression. Primo/Proxy treatments were made on April 5, 12, 17 and 26, 2004 and correlated to immediately after the second mowing (SM), 1 week after SM, 2 weeks after SM, and 3 weeks after SM. Repeat applications were applied on May 3 for all Primo/Proxy treatments. Embark was included in this trial as a comparison treatment and was applied on April 17. In general, earlier initial application timings provided better seedhead suppression than later timings. In addition, the 5 fl oz application rate of Proxy provided better results than the 3 fl oz rate.

Table 2: Effect of Proxy rate on *Poa annua* seedhead suppression averaged over four application timings.

Product	Rate	Percent Clean	Percent Control	Max Injury 1-9
Proxy + Primo	3.0 + 0.125	89.9	28.4	1
Proxy + Primo	5.0 + 0.125	92.7	42.3	1
Embark	0.9	95.3	66.7	4
Check		86.0	0.0	1

Table 3: Effect of initial application timing on *Poa annua* seedhead suppression averaged over two treatment rates.

Date	GDD ₃₂	GDD ₅₀	Percent Clean	Percent Control	Max Injury 1-9
Check			86.0	0.0	1
5-Apr	309	21	92.7	48.3	1
12-Apr	374	21	92.6	41.3	1
17-Apr	548	50	91.1	26.9	1
26-Apr	681	100	88.8	25.0	1