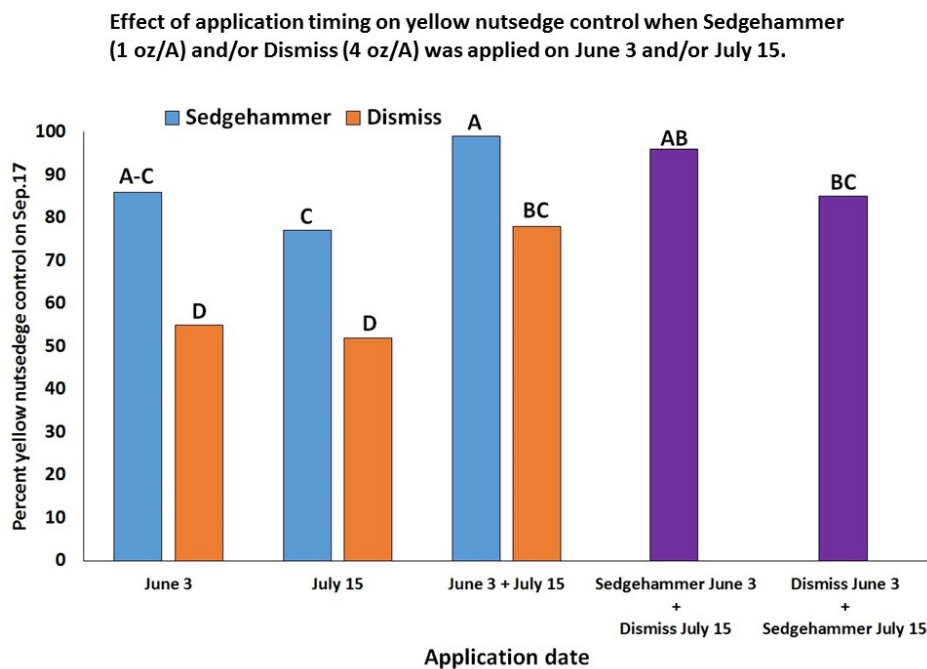


Yellow Nutsedge, it's time to treat!**May 29, 2019**

To be successful, yellow nutsedge herbicide control programs must be implemented early in the season and in consecutive years. Late applications and/or not sticking to a multi-year strategy often results in no net gain against this troublesome perennial weed. How early? As early as it is visible – in most of Nebraska this is early June. At this point, newly formed tubers are immature and stopping above ground growth will significantly impair their maturation and emergence. Products which contain sulfentrazone, such as Dismiss or Solitare may also provide preemergence with postemergence control; only Echelon (proflaminate + sulfentrazone) is specifically labeled for preemergence control. Other products may also control or suppress tuber formation indirectly by shutting down top growth and limiting photosynthesis and eventual carbohydrate formation in the tubers. When nutsedge is young with less leaf area, coverage is improved and systemic herbicides are more readily translocated to roots, rhizomes and tubers. Sequential applications are also recommended. Sequential applications work better than single application for most herbicides (Figure 1). Make a second application 3 or 6 weeks after the initial application. To limit the potential for development of herbicide resistance consider rotating modes of action. For example, Dismiss and Sedgehammer have different modes of action and provide good to excellent control when sequentially applied, especially if Sedgehammer is applied first (Figure 1).

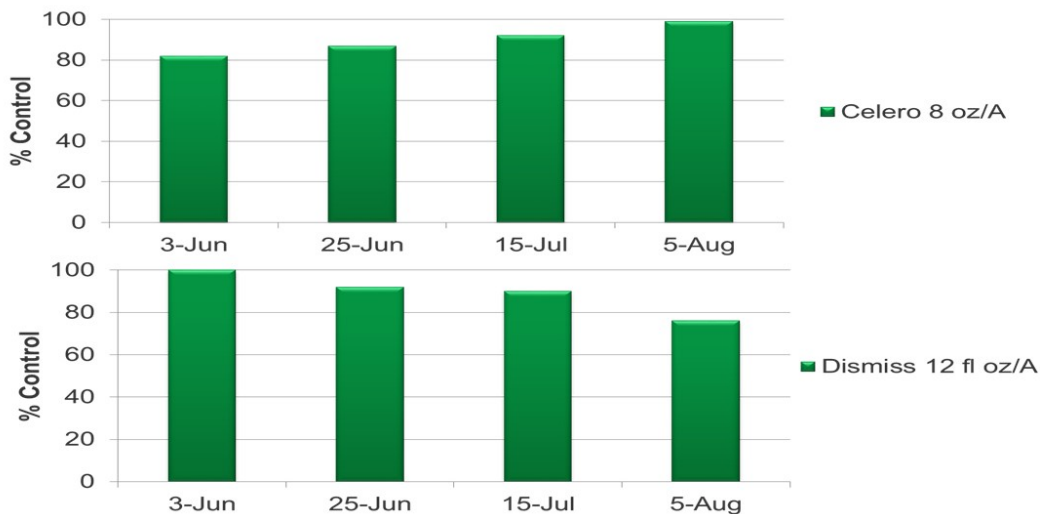
Figure 1:

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Recently, we tested a relatively new herbicide, imazosulfuron (Celero, NuFarm) with good results after a single application when compared to single application of sulfentrazone (Dismiss) (Figure 2). We will continue to test imazosulfuron to provide additional data and information.

Figure 2. Yellow Nutsedge Control, Mead, NE, single application



Be sure to comply with all label restrictions and instruction. Mention of a trade name does not imply endorsement by the University of Nebraska or non-endorsement of products not mentioned.

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