

2006 CMDC

Weeds

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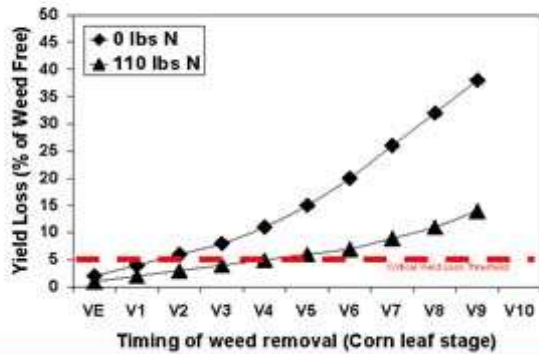
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Critical Period for Weed Control



2006cmdcjune29-weedcontrol001

What resources do crops and weeds compete for?



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Why do weeds develop resistance to herbicides?



How do weeds develop resistance to herbicides?

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Genetic Control of Herbicide Resistance

Single gene control

Multi-gene control

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9 Weeds to Watch

1. **Marestail**
2. **Amaranthus species**
 - **Waterhemp, Palmer amaranth, Redroot pigweed**
3. **Kochia**
4. **Common Lambsquarters**
5. **Common Ragweed**
6. **Green Foxtail**
7. **Velvetleaf**
8. **Sunflower**

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What management strategies will help avoid herbicide resistance?

**Summer
annuals**

**Winter
annuals**

Perennials

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