

Pest Management Weeds and Diseases

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Pest management

- ▶ Diseases
- ▶ Weeds
- ▶ Herbicides



Diseases

- ▶ Blackleg
 - Visual symptoms
 - Leaf spots
 - Stem canker
 - So far limited damage
 - Crop rotation & tillage
 - Plant resistant cultivar



Diseases

- ▶ Sclerotinia / White Mold
 - Cool & Damp conditions
 - Lodging and shattering



Diseases

- ▶ Aster Yellows
 - Virus transmitted by leaf hoppers



Weed Control



Weed Control Options

▶ Grasses

- Assure II (quizalofop)
- Select (clethodim)
- Poast (sethoxydim)

▶ Broadleaves

- Stinger (clopyralid)

▶ Grasses and Broadleaves

- Roundup (glyphosate)
- Liberty (glufosinate) – spring canola only
- Treflan (trifluralin) applied PPI
- Sonalan (ethalfluralin) applied PPI



Spray Weeds Early!

Early Spray

Late Spray

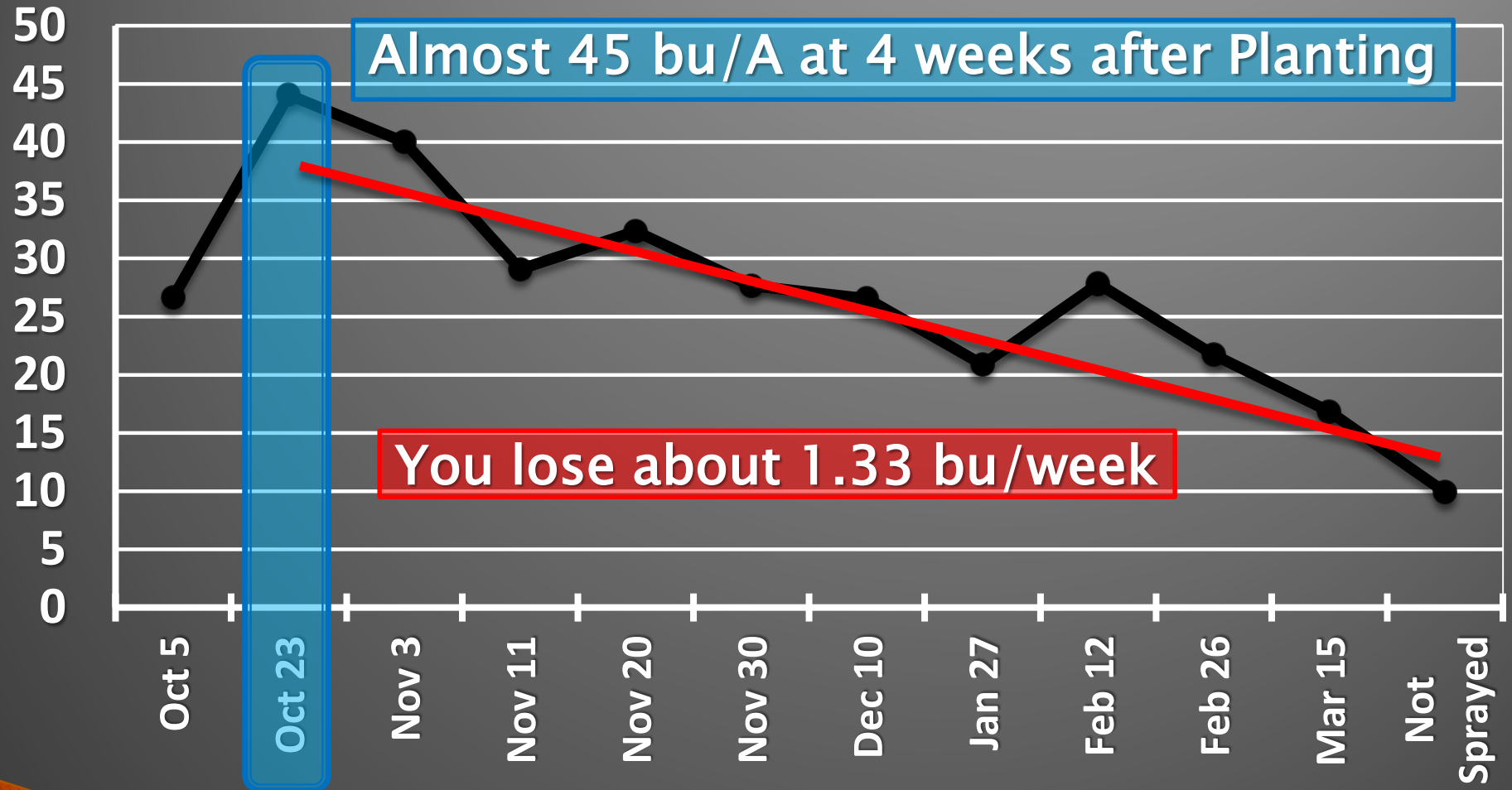


Herbicide Application Timing

- ▶ 2 locations and 2 years
- ▶ 11 Roundup application timings
- ▶ Heavy ryegrass pressure some vol. wheat



Yield by Herbicide Appl. Date



Almost 45 bu/A at 4 weeks after Planting

You lose about 1.33 bu/week

Herbicide Tolerance Traits

- ▶ SURT
 - Sulfonylurea Residual Tolerance

- ▶ IMI – tolerance
 - Imidazoline herbicides
 - Clearfield systems



Sulf. Herbicide Plantback Rest.



Spray tank contamination



Spray tank contamination



Spray tank contamination



Applicator Tracks – Nov. 1st



Applicator Tracks – Nov. 23rd



Comments

- ▶ Scout regularly
 - Insects, weeds, and diseases
- ▶ Timely pesticide application



Contact Information

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