

Alfalfa Seed Herbicide Trial

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Winter Seed School

Nampa, ID

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Plan Today

- Overview of implementing the herbicide trial at the Malheur Experiment Station



Accomplished by:

- Trialing a series of herbicide programs
- Based on what we have heard from you!



The Goal

- Target specific weeds:

- Prickly Lettuce
- Sow Thistle
- Nightshade
- Dodder
- Bindweed
- Canada Thistle
- Red-root Pigweed
- Lambsquarter
- Common Mallow



Trial Implementation

- Spring Planted (2015)
- 8 Treatments
- 4 replications
- 6 rows (22") wide X 35' long
- Fall broadcast hairy nightshade and sow thistle



Treatment plan

Non-treated check

Grower standard (Prowl or Velpar?)

Alion @ 2oz/ac

Alion @ 3oz/ac

Alion @ 4oz/ac

Outlook @ 42oz/ac

Eptam @ 4.6pts/ac

Dual II Magnum @ 3.33pts/ac

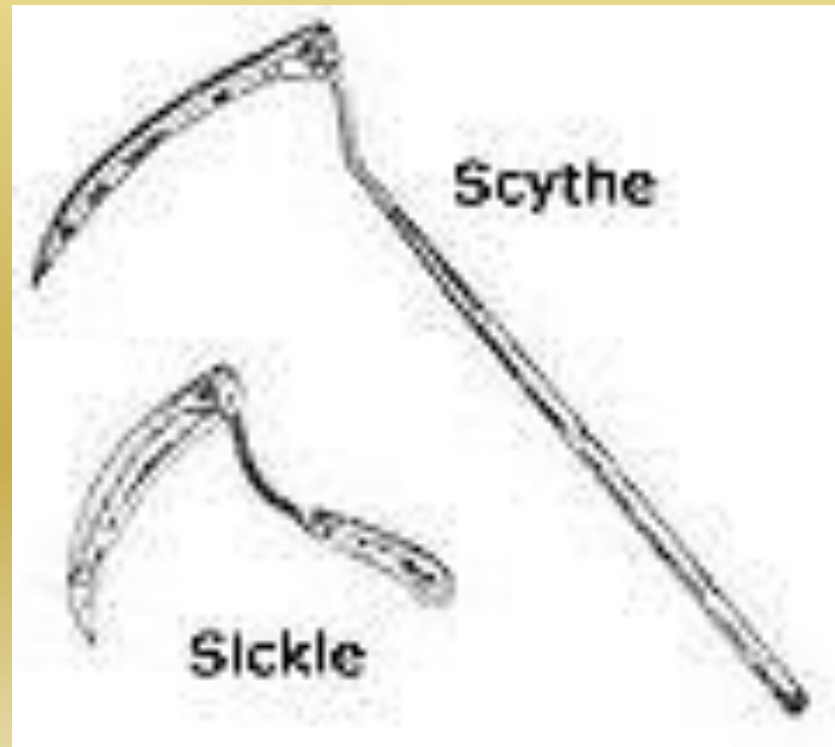
Funding

- \$1500/treatment
- Bayer is paying for 3 trmts
- ID Seed Comm. -2 trmts
- OR Seed Comm. -1 trmt
- BASF -1 trmt
- Gowan -1 trmt



Data collected

- Weed incidence ratings
 - Overall and by type
- Yield



Pictures of the site

- Hand-thinned



Pictures of the site

- Furrow irrigated
 - Drip established



Pictures of the site



Going forward

- Multi-year project
- Hope to learn more about newer and older products



Thank you!

