

Postemergence Broadleaf Weed Control

- Selective: Few Options

- Lontrel, Basagran, Goal, Image, Asulox

- Non-Selective:

- Roundup-Pro, Finale, Scythe, Reward



Postemergence Herbicides

Suggested Use - Sites

Herbicide	Tree & Shrub beds	Ground-covers	Annual Flowers	Perennials
Casoron	✓	Few	No	No
Diquat	directed	No	No	No
Finale	directed	No	No	No
Roundup	directed	Wiper	No	No
Scythe	directed	No	No	No
Goal /Basagran/ Lontrel	directed	Few	No	No
Fusilade, Van- tage, Envoy	✓	✓	✓	✓

Selective Postemergence Broadleaf Weed Control

- Limited product selection
- Effective only on seedling weeds
- Limited weed spectrum controlled
- Generally not particularly useful in landscapes
- Exceptions: Casoron & Lontrel

Lontrel (clopyralid)

- Postemergence control of Legumes, certain Asters and a few other species
- Labeled for use in Christmas trees, and field-planted woody ornamentals

Lontrel (clopyralid)

- Key weeds controlled: Legumes and asters incl. clovers, vetch, black medic, thistles, goldenrod, nightshades, groundsel, galinsoga
- Suppression: smartweed
- Not controlled: evening primrose, plantain,

Lontrel controls legumes and asters



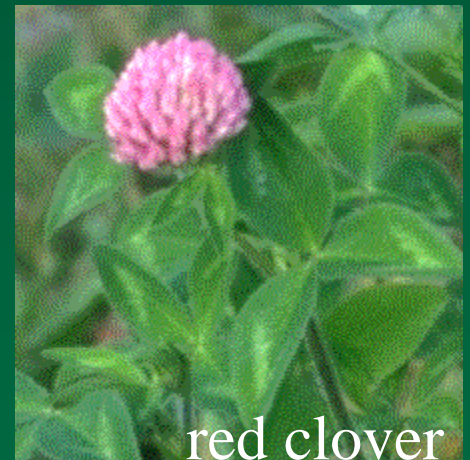
J. Neal



J. DiTomaso

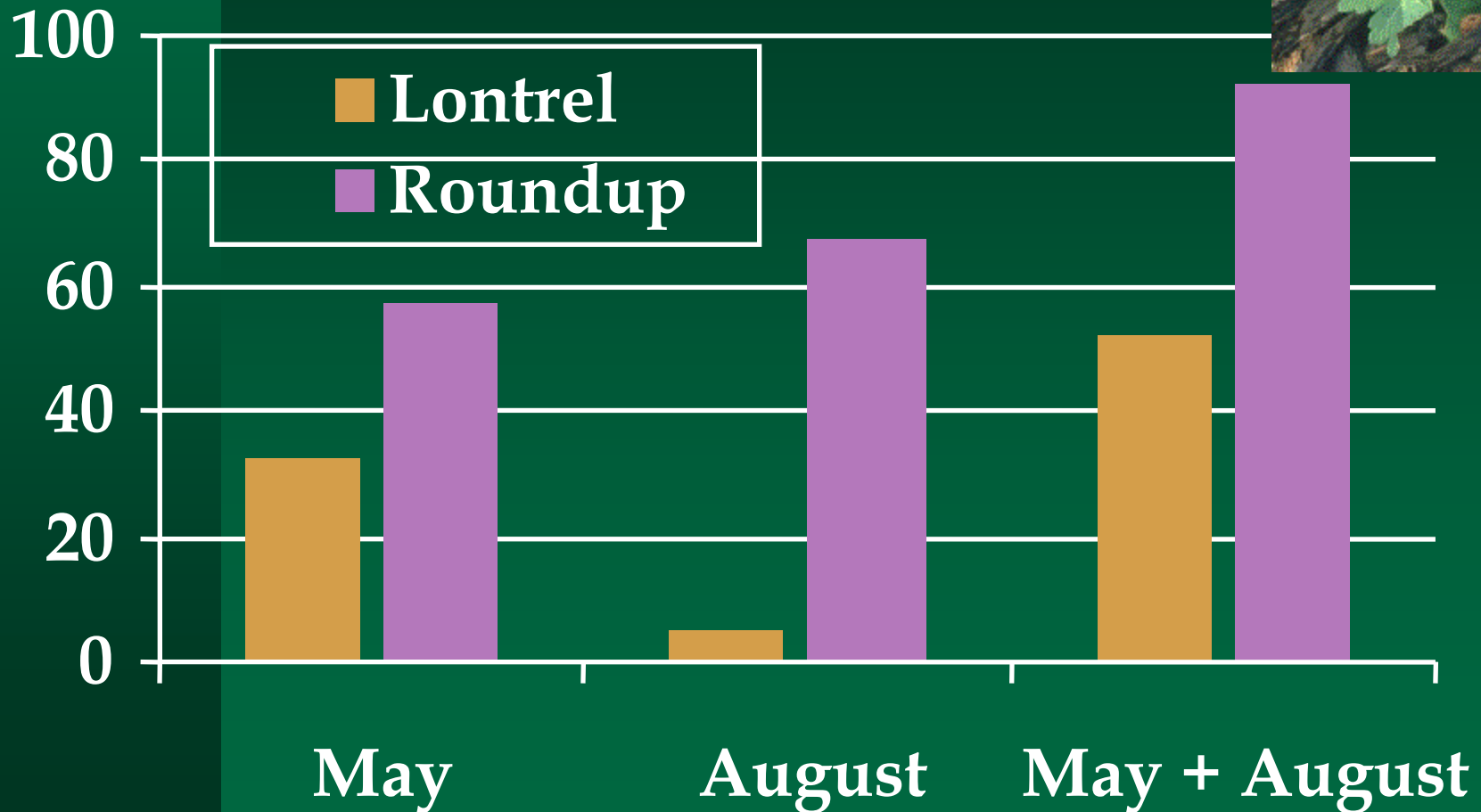


R. Uva



red clover

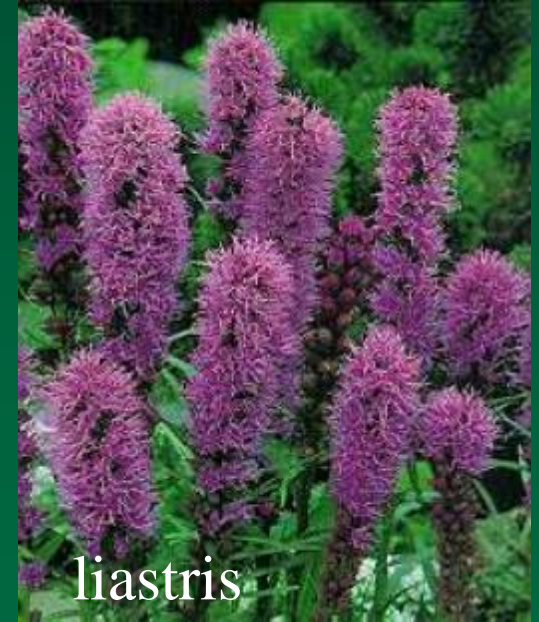
Percent Mugwort Control in Field Nursery Stock Evaluated the Following June



Lontrel -- Do not use on or near:

- Legumes (Fabaceae): redbud, locust, mimosa
- Asters / composites (Asteraceae): sunflower, daisies, artemesia, liatris
- linden (*Tilia* sp.). Some damage has been observed on crepe myrtle

Avoid Lontrel applications near Asters & Legumes



Casoron (diclobenil)

- Other trade names: Dyclomec, Barrier
- Positional selectivity (basically non-selective)
- Application rate: 2.3 to 3.4 lb / 1000 ft²

Casoron controls perennial weeds but can kill many ornamentals



Pre/Post Weed Control With Casoron

- Safe on certain established trees & shrubs
- Controls many perennial, hard-to-kill weeds
- Significant potential to injure non-labeled species - including hemlock, fir, & spruce
- Apply in late fall or early winter
- Residual lasts until early summer

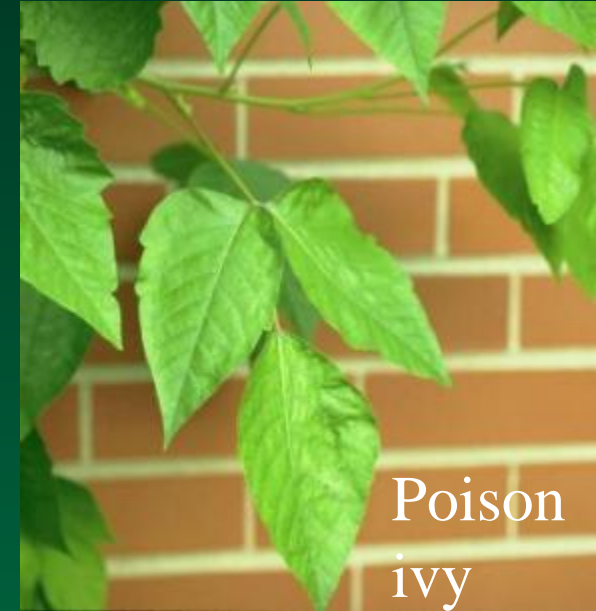
Casoron (diclobenil) cont.

- Weeds controlled: dandelion, red sorrel, clover, mugwort, Equisetum, winter annuals, and most cool season perennials
- Weeds suppressed: bindweed, nutsedge, quackgrass, and other rhizomatous perennials
- Weeds not controlled: most woody weeds such as black locust sprouts, mulberry, catbriar, brambles and late germinating summer annuals
- Apply in late fall or early winter *****

Triclopyrs – Brush-B-Gon, Poison Ivy / Oak Killer, etc

- Active ingredient: triclopyr (same as Garlon 3A)
- Woody weed control
- Synthetic auxin (labeled for broadleaf weed control in turf)
- Caution around ornamentals

Triclopyr works better on woody weeds than Roundup



Triclopyr, cont.

- Foliar spray in spring better than fall – BUT
- Works most times of the year
- Also labeled for cut-stump applications

triclopyr

- Treat freshly cut stumps
- Also can be used as a basal bark spray (usually in oil)

