Title: 2015 Dow Brush Control - Dodgeville

**Personnel:** Mark Renz, Tony Summers
**Location:** Dodgeville, WI
**Plot information:**
Plot size: N/A
No. reps: 10 individual plants per treatment

**Herbicide application data:**

A. Application equipment: handheld sprayer, GPA=50
B. Chemicals used:
   Crossow @ 1.5% vv
   Pasturegard @ 1% vv
   Pasturegard + Forefront @ 1% and .25% vv
   Remedy @ .5% vv
   Remedy + Forefront @ .5% and .25% vv
   Chaparral @ 3.3 oz per 100 gal

| | |
|---|---|
| C. Date treated: | 7/01/2014 |
| D. Treatment: | A |
| E. Soil moisture (top): | moist in low area, dry on hillside |
| F. Air temperature (F): | 76 |
| G. Wind, MPH: | 2-4 |
| H. Cloud cover (%): | 75 |

**Site info:** Study takes place on an approximately 1 acre portion of a fenced beef cattle pasture. The area receives 50-75% sun due to a mostly open overstory of mature trees. The area just below the study area is a wet grassland with a small stream approximately 100 yards from the nearest edge of the study. Plants included in the study are both open grown and selected plants from a solid hedge. Initial height at time of application for honeysuckle was 3-6 ft, multiflora rose was 2-5 ft, and prickly ash was 4-6 ft.

**Notes:** Cattle were excluded from study area for 2 weeks following treatment and the area has been rotationally grazed since then on an interval of ~1 month.

**Project design**: This study addresses the effectiveness of several different herbicides on the control of individual bush honeysuckle (*Lonicera* sp) and multiflora rose (*Rosa multiflora*) as well as on clonal groups of prickly ash (*Zanthoxylum americanum*). 10 individual honeysuckle and multiflora rose plants were treated with Crossbow, Pasturegard, Pasturegard + Forefront, Remedy + Forefront, and Chaparral (50 plants per species total). Additionally 2 areas with clonal groups of prickly ash were divided into 4 and 5 sections respectively and treated with the same herbicides and an additional treatment of Remedy only. Treatments were applied July 1st 2015 and initial control ratings were taken August 21st 2015. 1 year after treatment will also be collected.