

**MAINTENANCE PLANNING GUIDELINES**

2/2014

**ACTIVITY:** Chemical Weed Control  
(R415) (R41B, R41P, R41T,  
R41W)

**ACTION:** Chemical Weed Control

**MAJOR & MINOR**

**DEFINITION:** The time and expenses incurred for the application of chemicals for the control and eradication of weeds and other vegetation.

**PURPOSE:** To control vegetation through chemical application.

**SCHEDULING:** As needed as recommended by product labels and EPG [821 Herbicides and Roadsides](#).

J	F	M	A	M	J	J	A	S	O	N	D
A	E	A	P	A	U	U	U	E	C	O	E
N	B	R	R	Y	N	L	G	P	T	V	C

**RECOMMENDED EQUIPMENT:**

- Truck or Tractor Mounted Sprayer
- Backpack Sprayers
- Hand-held Sprayer
- Traffic Control Equipment; reference (See EPG [616.23 Traffic Control for Field Operations](#))

**RECOMMENDED PROCEDURE:**

1. READ THE LABEL. Keep record book and MSDS with operator.
2. Prepare chemicals.
3. Place traffic control devices as needed.
4. Apply chemicals at the specified rate and in the appropriate manner.
5. Remove traffic control devices.
6. Clean all spray equipment thoroughly.
7. Enter data into the herbicide record book.

**RECOMMENDED MATERIAL:**

- Various Weed & Brush Control Chemicals
- Fresh Water Supply

**SAFETY:** Follow label recommendations for handling and spraying chemicals. Personnel should follow MoDOT licensing policies. Be aware of wind direction and velocity, and the proximity of residences, crops, and gardens. Refer to the [Comprehensive Safety Program sharepoint portal](#). Wear all appropriate PPE. Refer to the [Risk Based Assessment](#) for additional information.

**OTHER CONSIDERATIONS:** Applicable [Material Safety Data Sheets](#) are required in spray vehicles. Contact District Roadside Personnel for assistance.

**REFERENCES:** EPG [821 Herbicides and Roadsides](#)