

LANDSCAPE ISSUES - MATRIX OF HIERARCHICAL STEPS TO MANAGING PESTS

This matrix is to be used in conjunction with the Eugene School District 4J Landscape Management Guidelines

This is a matrix that identifies a pest problem or issue and defines approved practices for proper control. The goal is the safest, least toxic, and cost-effective methods of control.

The director of 4J Facilities Management or his/her designee must approve any additional strategies before they are used.

Site personnel must always consult Facilities Management prior to taking action against pests on District property.

TRACKS: GRAVEL - SHOT PUT AREAS - WARNING TRACKS

Gravel tracks, which exist at most middle school and a number of elementary schools, are maintained by use of a rotera, which tills the gravel and "knocks down" the weeds. There are several tracks, which are so infested with bindweed and morning glory that the top ¼" of gravel needs to be removed and disposed of, and new gravel laid in its place annually. Current efforts have been successful only in the short term.

A viable long term alternative may exist in turning some or all gravel tracks at elementary schools into striped grass tracks. With the short length of the track unit in the physical education curriculum and the limited use these tracks experience during other times, grass tracks should hold up to the expected use, and would merely need to be mowed, along with the surrounding turf. Starting in the Fall of 2006, the district will have two synthetic middle school tracks. A viable long-term alternative would be to convert all middle school gravel tracks to synthetic surfaces. Both of these changes, all-grass elementary tracks, and synthetic middle school tracks, would need to happen after wide discussion within both the district and the community.

LEVEL 1: Action approved for school supervised volunteer or district staff						
<u>ACTION</u>	<u>Threshold</u>	DONE BY:		IPM RESPONSE		
		<u>VOLUNTEER</u>	<u>STAFF</u>	<u>CODE</u>	<u>COMMENTS</u>	
SITE INSPECTION	Complaint	X	X	T	Small number of weeds	
HAND REMOVAL	Complaint/work order/site inspection	X	X	P	Small weeds or grass Annual weeds	
LEVEL 2: Action approved for licensed applicator, (district staff or contractor)						
<u>ACTION</u>	<u>Threshold</u>	<u>VOLUNTEER</u>	<u>STAFF</u>	<u>CODE</u>	<u>COMMENTS</u>	
ROTERA (Deep Gravel Areas) or SCRAPE (Hard Dirt Tracks) Y	Complaint/work order/site inspection		X	P	Rotera, Float, Roll; Scrape & Gravel Routine maintenance	
FLAME	Complaint/work order/site inspection		X	P	May encourage weed growth in subsequent seasons Multiple applications if available labor and/or seasonal conditions permit	
LEVEL 3: District and Site approved action for licensed applicator (district staff or contractor) required						
<u>ACTION</u>	<u>Threshold</u>	<u>VOLUNTEER</u>	<u>STAFF</u>	<u>CODE</u>	<u>COMMENTS</u>	
US EPA REGISTERED GLYPHOSATE AQUAMASTER ® or approved substitute	Complaint/work order/site inspection		X	P	Follow Notification Guidelines When weeds obstruct use Bindweed or other perennial weeds Time of application & choice of follow up methods to reduce dislodge-able residue	

IPM (Integrated Pest Management) RESPONSE CODE REFERENCE

P - Prevention

E - Exclusion

S - Structural Modification

T - Tolerance

X = Person who may respond to action items listed