

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.

PAVEMENT WEEDS

Playgrounds, courtyards, parking areas, and walkways have significant potential for weed intrusion. This causes water to seep into and weaken the structure, causing instability, and drastically reduces the useful life of pavement. The district has a crack-sealing program, in which a non selective herbicide is used to kill the weeds before the crack is sealed with hot asphalt. This program is appropriate where large cracks have already formed, but is not practical for small fissures. Weed intrusion in pavement and concrete needs to be intercepted in the early stages in order to minimize damage and the need for crack sealing. Due to staffing limitations, and the number of areas involved, the district currently lacks the ability to adequately deal with this problem. Paved surfaces, including parking lots, playgrounds, walk ways, and courtyards not subject to crack sealing can only be hand or mechanically weeded under the present guidelines.

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	Presence/Complaint	X	X	T	Small number of localized weeds
HOEING	Complaint/work order/site inspection	X	X	P	Localized patches of 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>
WEEDEATER / FLAME Y	Complaint/work order/site inspection Small spot treatment		X	P	Routine Maintenance Spot Treatment Where weed control manageable
NON-REGISTERED HERBICIDE WAIPUNA ® HOT FOAM	Complaint/work order/site inspection Larger spot treatment		X	P	Follow notification guidelines Where weed control manageable
HOT ASPHALT SEAL COAT	Complaint/work order/site inspection Large/long cracks; degrading asphalt		X	E/S	Maintenance
CRACK-SEALING HERBICIDE AND SEAL US EPA REGISTERED GLYPHOSATE AQUAMASTER ® or approved substitute	Complaint/work order/site inspection		X	E/S	Follow notification guidelines Established weeds Deep rooted weeds Weeds in established cracks will be crack sealed
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>
NO CURRENTLY APPROVED TREATMENT					

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