

**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.**

**CRANE FLY**

At Gilham (this is the only site at which this is a problem currently) there are several areas infested with crane flies. The life cycle of this insect is such that the larvae (called leatherjackets) hatch during mid-spring, and these larvae migrate to many hard surface areas around the school. It becomes impossible to walk around parts of the site without stepping on these large larvae. A secondary problem is the health of lawn areas, in which large rings of dead grass form.

<b>LEVEL 1: Action approved for school supervised volunteer or district staff</b>						
<u><b>ACTION</b></u>	<u><b>Threshold</b></u>	DONE BY:		IPM RESPONSE		
		<u><b>VOLUNTEER</b></u>	<u><b>STAFF</b></u>	<u><b>CODE</b></u>	<u><b>COMMENTS</b></u>	
SITE INSPECTION	Presence	X	X	T	Aesthetics	
School - "stomp" day School - see which class can collect the most	Nuisance	X		T	Remove obvious infestation	
<b>LEVEL 2: Action approved for licensed applicator, (district staff or contractor)</b>						
<u><b>ACTION</b></u>	<u><b>Threshold</b></u>	<u><b>VOLUNTEER</b></u>	<u><b>STAFF</b></u>	<u><b>CODE</b></u>	<u><b>COMMENTS</b></u>	
Y	Complaint/work order/site inspection		X	P	Dry out lawn - will help control Only between July 1 - Aug 7 Notify Building Principal	
IRRIGATE LESS - ATHLETIC FIELDS	Complaint/work order/site inspection		X	P	Dry out lawn - will help control Only between July 1 - Aug 7 Notify Building Principal	
BIOLOGICAL CONTROL - APPLY NEMATODES	Complaint/work order/site inspection 15 larvae per sq ft		X	P	Follow notification guidelines Apply in fall around mid-September will take some time to work	
NON-REGISTERED INSECTICIDE EcoEXEMPT ® G/Clove Oil or equivalent	Complaint/work order/site inspection 15 larvae per sq ft		X	P	Follow notification guidelines Granular - water in Apply Spring break	
<b>LEVEL 3: District and Site approved action for licensed applicator (district staff or contractor) required</b>						
<u><b>ACTION</b></u>	<u><b>Threshold</b></u>	<u><b>VOLUNTEER</b></u>	<u><b>STAFF</b></u>	<u><b>CODE</b></u>	<u><b>COMMENTS</b></u>	
US EPA REGISTERED PESTICIDE BONIDE DELTA EIGHT ® or approved substitute	Complaint/work order/site inspection 25 larvae per sq ft		X	P	Follow notification guidelines	

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