



Memorandum

Date: January 7, 2025

To: Board of Directors of the Pendleton School District 16R

From: Brian Norris, Facilities Manager

Subject: Integrated Pest Management (IPM) Annual Report

Background: Integrated Pest Management (IPM) is a common-sense strategy that focuses on long-term solutions to pest problems based on better understanding of pest biology and with minimum impact on human health and the environment. Preventing pests by removing their access to food, water, and shelter is a key part of an IPM program. Pest prevention reduces costs while protecting the health and safety of students and staff.

The three most important cultural practices for preventing weeds in turf are mowing, fertilization and irrigation. This will reduce the amount of **Low Impact** pesticide usage on our lawns and sports fields. Pulling weeds in all of our ornamental (flower beds) is also a common practice for weed prevention before spot spraying of herbicides.

Information:

Herbicide used throughout the Pendleton School District: (LOW IMPACT)

- Pendulum Aqua Cap, EPA No. 241-416
- Esplanade 200SC, EPA No. 432-1516
- Landmaster BW, EPA No. 42750-62
- T Zone SE, EPA No. 2217-976
- Payload, EPA No. 59639-120
- Q4 Plus, EPA No. 2217-930
- Glystar Plus, EPA No. 42750-61
- SpeedZone ew, EPA No. 2217-1053

Amount of product sprayed:

1-4oz. per gallon of herbicide used, depending on the equipment used.



Equipment Used:

- 90 gallon boom sprayer.
- 110 gallon boom sprayer.
- 3 gallon backpack sprayer.
- 1 gallon hand sprayer.

Location of application:

- PELC - All turf, ornamentals and right of ways.
- McKay Elementary - All turf, ornamentals and right of ways.
- Sherwood Elementary - All turf, ornamentals and right of ways.
- Washington Elementary - All turf, ornamental and right of ways.
- Sunridge Middle School - All turf/sports fields, ornamentals and right of ways.
- Pendleton High School - All turf/sports fields, ornamentals and right of ways.
- Pendleton Tech and Trade Center - All turf, ornamentals and right of ways.
- District Office - All turf, ornamentals and right of ways.
- Babe Ruth/Bob White Baseball Field - All turf and right of ways.

Steps proven to be ineffective on weed control throughout the Pendleton School District include; mowing and hand pulling, due to the amount of acreage needing to be managed. This led to the decision to use herbicide treatments for better weed management and control.

Equipment used to apply herbicide throughout the Pendleton School District include; boom sprayer, backpack sprayer and hand sprayer. All applications proved to be effective at weed management.