

Three District Comparison: Pesticide Use by Eugene, Portland and Seattle School Districts

Table 1: Insecticide and Rodenticide Use by Three Northwest School Districts
(in specified one year period)

| | Eugene (Sept. 96 - Aug. 97) | Portland (Sept. 96 - Aug. 97) | Seattle (Sept. 96 - Aug. 97) |
|--|---------------------------------------|---|--|
| Number of Schools/Sites in District | 43 | 108+ | 112 |
| Number of Sites Where Pesticides [†] Used | < 28 | 56+ (not all specified) | 22 |
| Number of Products Used | 12 | 30+ (not all specified) | 12 |
| Number of Pest Treatments / PCO* Visits | 56 | 436 | 94 ^a |
| Number of Times Sprays or Baits Used | > 50 | 277 | 92 |

This table does not include use of either head lice or yellowjacket sprays by custodians, teachers, or other school employees, though some such spraying is reported to occur in all of the districts.

[†] Excluding herbicides. See table 2 for herbicide use summary.

* PCO = pest control operator, either a commercial vendor/contractor or a school district employee

a. This figure does not include (non-chemical) rodent trapping done by school district employees, as no data was provided.

Table 2: Herbicide, Moss Killer, and Soil Sterilant Use by Three Northwest School Districts
(in specified one year period)

| | Eugene (Sept. 96-Aug. 97) | Portland (1997) | Seattle (Sept. 96-Aug. 97) |
|--|-------------------------------------|---------------------------|--------------------------------------|
| Number of Schools/Sites in District | 43 | 108+ | 112 |
| Number of Sites Where Herbicides [†] Used | 23 | 108 | 62 |
| Granular Products Used: | | | |
| Casoron | - | 4,538 lbs | 113 lbs |
| Monobor-chlorate | 1,850 lbs | - | ? |
| Ronstar | - | 14 lbs | - |
| Snapshot | - | 698 lbs | - |
| Zinc Sulfate | <u>1,100 lbs</u> | <u>-</u> | <u>-</u> |
| Total: | 2,950 lbs | 5,250 lbs | 113 lbs |
| Liquid Concentrate Used: | | | |
| Confront | - | 557 oz | - |
| DeMoss | 12 oz | - | - |
| Fenocil | - | - | 640 oz |
| Finale | - | - | 57 oz |
| R-11 (adjuvant) | - | 1,260 oz | - |
| Roundup | 241 oz | 3,306 oz | 1,102 oz |
| Scythe | - | - | 204 oz |
| Surflan | <u>-</u> | <u>1,248 oz</u> | <u>80 oz</u> |
| Total: | 253 oz (2 gal.) | 6,371 oz (50 gal.) | 2,083 oz (16 gal.) |

Reported in lbs of formulated product for granular products, and ozs of concentrated product for liquid products

[†] Includes herbicides, moss killers, and soil sterilants

Table 3: Hazardous Pesticides Used by Three Northwest School Districts

(in specified one year period)

| | Eugene (Sept. 96-Aug. 97) | Portland (Sept. 96-Aug. 97) | Seattle (Sept. 96-Aug. 97) |
|--|------------------------------|--------------------------------|-------------------------------|
| Total Number of Products Used | 16 | 37+ | 18 |
| Number of pesticide products used by each school district, with at least one active ingredient classified as hazardous in the listed categories: | | | |
| Health or environmental hazard: | | | |
| Possible or probable human carcinogens ^a | 4 | 10 | 7 |
| Developmental or reproductive toxins ^b | 3 | 3 | 2 |
| Hormone (endocrine) disruptors ^c | 1 | 2 | 1 |
| Organophosphate, carbamate, or pyrethrin / pyrethroid nerve poisons | 6 | 11+ | 6 |
| Other health hazards ^d | 5 | 7 | 4 |
| Environmental hazard ^b | 6 | 7 | 5 |
| <p>a. As classified by US EPA. (US EPA. Office of Pesticide Programs List of Chemicals Evaluated for Carcinogenic Potential. February 19, 1997.)</p> <p>b. As classified by US EPA under Emergency Planning and Community Right-to-Know Act, and Pollution Prevention Act. (US EPA. <i>Federal Register</i>, Vol. 59 (229): 61436, November 30, 1994.)</p> <p>c. Includes chemicals classified as "probable" or "suspect" in "Preliminary List of Chemicals Associated with Endocrine System Effects in Animals and Humans or in Vitro." (Illinois EPA. <i>Endocrine Disruptors Strategy</i>. February 1997)</p> <p>d. As classified by US EPA as harmful to kidneys, liver, thyroid, stomach, or blood. (US EPA. <i>Federal Register</i>, Vol. 59 (229): 61436, November 30, 1994.)</p> | | | |

Table 4: Pesticide Policies and Practices of Three Northwest School Districts

| | Eugene | Portland | Seattle |
|--|------------------|-----------------|------------|
| 1) School board policy on pesticide use | | | |
| Indoor | NO | NO | NO |
| Landscape | YES | NO | NO |
| 2) Health and safety based policy | YES | N/A | N/A |
| 3) Pesticides used while school in session | | | |
| Indoor | Some | ? | Occasional |
| Landscape | YES | YES | YES |
| 4) Advance parental notification | | | |
| Indoor | NO | NO | NO |
| Landscape | Some | NO | NO |
| 5) Posting of pesticide applications | | | |
| Indoor | NO | NO | YES |
| Landscape | YES | Some flagging | NO |
| 6) Licensed applicators only | | | |
| Indoor | YES [†] | NO (Custodians) | YES |
| Landscape | YES [†] | YES | NO |

[†] Except for reported classroom applications by teachers, or unauthorized landscape applications by unknown school users or neighbors, which are also reported to occur.