

Provided by Water Board

EO list

Reference Values

← All California registered pesticides with the following exclusions: Oils, Clays, Polymers, Sulfur, Solvents, Biopesticides, Soaps, Mineral Salt, Adjuvants, Pheromones (see anti-exclusion list)

← Both aquatic life & human health values (*see companion materials*)
--Include values for impurities and degradates (*see list*)
--EO Provides chemical groupings (*both pesticides and degradates*)

Completed by Coalitions

Step 1: Monitoring Watershed Pesticide Use Data

1A. Obtain production ag data from DPR Pesticide Use Reporting (Cal-PIP) or Ag Comm--Sum total 3 years of data **by month** for coalition watershed(s)

1B. **Identify & exclude pesticides not on EO list**

1C. **Remove Identify & exclude** anomalies, obvious errors – document process

1D. **Remove Identify & exclude** all zero-use pesticides and “other related” (no need for further consideration)

1E. Group (sum) **pesticides and degradates** with the same toxicant in water (*see grouping list*)

1F. Calculate impurity quantities for listed impurities (*see list*)

1G. **Optional: Identify & exclude pesticides only used indoors, in containerized baits, traps, or devices; as impregnated materials; for spot applications (e.g., wasp nests)**

Step 2: Preliminary Ranking (Ratio of Pesticide Use to Reference Value)

2A. Two Calculations: aquatic life, human health

--Ranking includes degradates and impurities

--Use degradate toxicity value when it is lower than parent

--Note any pesticides for which there is no reference value

2B. Rank both aquatic life and human health ratios separately

Step 3: Evaluate EO List Pesticides (excluding zero use pesticides) for each Monitoring Watershed

← 3. See separate flowchart for Step 3

Monitoring Recommendations