

**CITY OF TEMECULA
AGENDA REPORT**

TO: City Manager/City Council

FROM: Ron Moreno, Director of Public Works/City Engineer

DATE: July 28, 2026

SUBJECT: Receive Presentation Regarding Pesticide Application and Best Practices Utilized Citywide (At the Request of Council Member Zak Schwank)

PREPARED BY: Rebecca Kiser, Senior Management Analyst

RECOMMENDATION: That the City Council receive a presentation regarding pesticide application and best practices utilized citywide.

BACKGROUND: On April 28, 2026 the City Council unanimously placed an item related to Glyphosate usage in Parks, Medians, Sidewalks and other areas in the Community. Council asked staff to conduct preliminary research on the matter. Tonight, staff will present the results of that research. The City contracts with three (3) separate vendors to manage pesticide/herbicide application in various locations citywide. The vendors utilize the following pesticides:

- Nieves Landscape, LLC:
 - Ranger Pro (*contains: Glyphosate, Water, Surfactants and other proprietary formulation*)
 - Fusilade II Turf & Ornamental (*contains: Fluazifop-P-butyl, petroleum distillates, petroleum solvent, trace naphthalene, and other proprietary inert ingredients*)
 - Envoy Plus (*contains Clethodim [12.6%], hydrocarbon solvents [40-43%], naphthalene [-<5%] and other proprietary ingredients*)
 - Gallery SC (*contains: isoxaben [45.45%], propylene glycol [4.5%], ethanol [0.2%], and other inert formulation ingredients [49.85%]*)
 - Speedzone Southern EW Broadleaf Herbicide for Turf (*contains: 2,4-D [2-ethylhexyl ester] [9.02%], a synthetic auxin; 2,4-DP [5.19%], a synthetic auxin; dicamba [0.59%], a synthetic auxin; and carfentrazone-ethyl [0.47%], a PPO inhibitor, as active ingredients, along with proprietary inert ingredients [0–10%].*)
 - Rozal Pocket Gopher Bait (*contains: chlorophacinone as the active ingredient, an anticoagulant rodenticide, along with grain bait materials and other inert ingredients that attract pocket gophers and aid in bait stability and delivery*)
- Lawnscape Systems, Inc.
 - Roundup Pro Concentrate (*contains: 50.2% glyphosate as the active ingredient, which is a non-selective systemic herbicide. Glyphosate kills plants by stopping*

amino acid production. The remaining ingredients consist of water, surfactants, and other proprietary formulation ingredients)

- *Esplanade 200SC (contains: 19.05% indaziflam as the active ingredient, a pre-emergent herbicide, with the remaining ingredients consisting of water, solvents, dispersants, stabilizers, and other proprietary formulation ingredients.)*
- *Milestone (contains: aminopyralid as the active ingredient, a selective systemic herbicide, with the remaining ingredients consisting of water, solvents, surfactants, and other proprietary formulation ingredients that aid in stability and application)*
- *Expel (contains: dinotefuran and prallethrin as active ingredients, with solvents, surfactants, stabilizers, and other proprietary inert ingredients. Dinotefuran is a neonicotinoid insecticide and prallethrin is a synthetic pyrethroid insecticide)*
- *Blazon (Blue indicator) (contains: acid dyes [water-soluble colorants] as the active components, along with water and other proprietary formulation ingredients used to aid mixing, coverage indication, and spray visibility)*
- **South County Pest Control, Inc.**
 - *Essentria IC3 (contains: natural ingredients including rosemary oil [10%], geraniol [5%], peppermint oil [2%], plus mineral oil, wintergreen oil, vanillin, and other proprietary inert ingredients.)*
 - *Bifen 1/T, 0.06% (Contains 0.06% bifenthrin as the active ingredient, which is a synthetic pyrethroid insecticide, and the remaining ingredients consisting of solvents, surfactants, preservatives, stabilizers, and pH adjusters.)*
 - *Taurus SC, 0.03%, 0.4oz per 1gal of Water (contains: Fipronil, which is a broad-spectrum insecticide that belongs to the phenylpyrazole class of chemicals, and the rest consists of water based suspension concentrate. There is only 2 applications per year of this and it is only when needed)*
 - *Tempo SC, 0.21%, 8ml per 1gal of Water (contains: Beta-cyfluthrin is the active ingredient, which is a synthetic pyrethroid insecticide. The formulation also contains propylene glycol, amorphous silica, water, and other proprietary inert ingredients used as carriers, surfactants, and stabilizers. The manufacturer does not publicly disclose the complete composition of the inert ingredients.)*

Staff is requesting further direction from City Council at tonight's meeting, regarding the Integrated Pest Management (IPM) Principals and if changes are being requested.

FISCAL IMPACT: None

ATTACHMENTS: None