

FY 23 IPM Annual Pesticide Application Plan

Department / Division:		PW- Facilities				Exemption Required Y/N	Proposed Timeframe	Targeted Pest / Rationale
Material	Type	Active Ingredient	Category	Location				
Arilon (Indoxacarb)	Insecticide	Indoxacarb	Yellow	Various Facilities	Yes - Programmatic	May- October ↓	Mitigation of Ants, Cockroaches, other listed pests once thresholds are met. ↓	
Advion ( Indoxacarb)	Insecticide	Indoxacarb	Yellow	Various Facilities	Yes -Programmatic			
Navigator (Fipronil)	Insecticide	Fipronil	Yellow	Various Facilities	Yes - Programmatic			

Department / Division:		PW- Facilities-Vector Control				Exemption Required Y/N	Proposed Timeframe	Targeted Pest / Rationale
Material	Type	Active Ingredient	Category	Location				
VectoBac G/VectoBac GS: <b>Bti</b>		Btk / Bti	Green	Andrée Clark Bird Refuge	No	Year Round Whenever Mosquitoes Breeding ↓	Mosquito Abatement ↓	
VectoBac G/VectoBac GS: <b>Bti</b>	Insecticide	Btk / Bti	Green	Lighthouse Creek at La Mesa Park				
VectoBac G/VectoBac GS: <b>Bti</b>	Insecticide	Btk / Bti	Green	Honda Preserve				
VectoBac G/VectoBac GS: <b>Bti</b>	Insecticide	Btk / Bti	Green	Ditch @ Muni Tennis Courts/Old Coast Hwy				
VectoBac G/VectoBac GS: <b>Bti</b>	Insecticide	Btk / Bti	Green	Culvert @ NW corner Dwight Murphy Field				
VectoBac G/VectoBac GS: <b>Bti</b>	Insecticide	Btk / Bti	Green	San Roque Creek at Stevens Park				
VectoBac G/VectoBac GS: <b>Bti</b>	Insecticide	Btk / Bti	Green	Gutters @ 903 Alston Rd/500-600 Alston Rd				
VectoBac G/VectoBac GS: <b>Bti</b>	Insecticide	Btk / Bti	Green	Creek @ City Parks Yd E of Muni Tennis court				
VectoBac G/VectoBac GS: <b>Bti</b>	Insecticide	Btk / Bti	Green	Curbside drain at 3340 Richland Dr.				
VectoBac G/VectoBac GS: <b>Bti</b>	Insecticide	Btk / Bti	Green	Ditch on east side of 3015 Calle Noguera				
VectoBac G/VectoBac GS: <b>Bti</b>	Insecticide	Btk / Bti	Green	Curbside at end of driveway at 1128 Bath St.				
VectoBac G/VectoBac GS: <b>Bti</b>	Insecticide	Btk / Bti	Green	Gutter in front of 411 Anacapa St.				
VectoBac G/VectoBac GS: <b>Bti</b>	Insecticide	Btk / Bti	Green	Storm drains on Anacapa St. at Cabrillo Blvd.				
VectoBac G/VectoBac GS: <b>Bti</b>	Insecticide	Btk / Bti	Green	Gutter between 1114 and 1120 Del Mar Ave. "Cascade Pools" at Sylvan Park				

Department / Division:		Airport				Exemption Required Y/N	Proposed Timeframe	Targeted Pest / Rationale
Material	Type	Active Ingredient	Category	Location				
Altosid XR	Insecticide	Other	Yellow	Goleta Slough	No	Fall	Extended release mosquito control	
Vectobac	Insecticide	Btk	Green	Goleta Slough/Airport Mosquito sources	No	All year	Mosquito control	
Natular	Insecticide	spinosad	Green	Goleta Slough/Airport Mosquito sources	No	All year	Mosquito control	
Wilco Ground Squirrel / Ditrac	Rodenticide	diphacinone	Yellow	Airfield / Building exteriors	Yes* - only for building exteriors	Summer, fall	Airfield / building exterior ground squirrel control	
Advion -Bait	Insecticide	Indoxacarb	Green	Building interiors	No	All year	Ant bait stations	
Roundup ProMax	Herbicide	glyphosate	Red	Airfield/Rights of way	Yes	Fall, winter, spring	Airfield and right of way weed control	
Surflan	Herbicide	oryzalin	Yellow	Airfield	No	Fall	Airfield weed control pre-emergent	

Department / Division:		PR- Parks				Exemption Required Y/N	Proposed Timeframe	Targeted Pest / Rationale
Material	Type	Active Ingredient	Category	Location				
Eco Via - ec	Insecticide	Thyme Oil,2-Phenethyl Propionate, Rosemary Oil	Green	A.C. Postel Rose Garden in Mission Historical Park	No	March - October	Aphids, Ants, and other listed pests	
Conserve (Spinosad)	Insecticide	spinosad	Green	A.C. Postel Rose Garden in Mission Historical Park	No	Spring, Summer	sawflies - larva (Rose Slug) and other listed pests	
Rose Defense	Insecticide	Neem Oil	Yellow	A.C. Postel Rose Garden in Mission Historical Park	No	Spring, Summer	sawflies - larva (Rose Slug) and other listed pests	
Subdue-maxx	Fungicide	Mefenoxam	Red	Morton Bay Fig Tree Park	Yes- Programmatic	November, April -June	Treatment for Phytophthora around roots of tree.	
ChangeUp	Herbicide	MCPA, Floxypyr, Dicamba	Yellow	Cabrillo	Yes	TBD	Weeds/Improve turf for play and sports	
SpeedZone Southern	Herbicide	2,4-D, Mecoprop-p, Dcamba, Carfentrazone	Yellow	Cabrillo	Yes	TBD	Weeds/Improve turf for play and sports	
Weed Rot	Herbicide	Citric Acid and Sodium Lauryl Sulfate	Green - Est	various Parks and street medians	No	All Year	Weeds/Reduce need for hand pulling and weed whipping	

Material	Type	Active Ingredient	Category	Location	Exemption Required Y/N	Proposed Timeframe	Targeted Pest / Rationale
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**Department / Division: PR- Creeks**

Material	Type	Active Ingredient	Category	Location	Exemption Required Y/N	Proposed Timeframe	Targeted Pest / Rationale
Glyphosate Aquamaster or Rodeo	Herbicide	Glyphosate	Red	Arroyo Burro Open Space, Hidden Valley Park, and downstream of Arroyo Burro at 401 Las Positas	Yes - Programmatic	Sept-Oct 2022	Invasive plant removal program targeting Arundo donax in open space restoration areas

**Department / Division: PR- Project Management**

Material	Type	Active Ingredient	Category	Location	Exemption Required Y/N	Proposed Timeframe	Targeted Pest / Rationale
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**Department / Division: PR- Santa Barbara Golf Club**

Material	Type	Active Ingredient	Category	Location	Exemption Required Y/N	Proposed Timeframe	Targeted Pest / Rationale
Appear H	Fungicide	Potassium-Phosphite	Yellow		Yes - Programmatic	TBD- Annual	Disease thresholds exceeded that are deemed detrimental to asset
Briskway	Fungicide	Pydiflumetofen	Red	Greens/collars	Yes - Programmatic	TBD- Annual	Disease thresholds exceeded that are deemed detrimental to asset
Insignia	Fungicide	Pyraclostrobin	Red	Greens/collars	Yes - Programmatic	TBD- Annual	Disease thresholds exceeded that are deemed detrimental to asset
Heritage	Fungicide	Azoxystrobin	Red	Greens/collars	Yes - Programmatic	TBD- Annual	Disease thresholds exceeded that are deemed detrimental to asset
Daconil	Fungicide	Chlorothalonil	Red	Greens and Tees	Yes - Programmatic	TBD- Annual	Disease thresholds exceeded that are deemed detrimental to asset
Banner-maxx	Fungicide	Propiconazole	Red	Greens and Tees	Yes - Programmatic	TBD- Annual	Disease thresholds exceeded that are deemed detrimental to asset
Acelepryn	Insecticide	Chlorantranilprole	Yellow	Greens	No	May, August	Control of grubs, bill bugs, cutworms
Primo - Maxx	PGR	Trinexapac-Ethyl	Green	Greens/Tees/Fwys	No	Feb-Nov	Improve plant health and drought stress, reduce CO2 emissions (mowing)
Proxy	PGR	Ethephon	Red	Greenms/collars	Yes - Programmatic	Mar-july	Broadleaf/Invasive weed thresholds exceeded that are deemed detrimental to asset
Legacy	Herbicide-PGR	flurprimidol + trinexapac-Ethyl	Yellow	Greens/Tees/Fwys	No	Feb-Nov	Improve plant health and drought stress, reduce CO2 emissions (mowing)
Lexicon	Fungicide	Fluxapyroxad/Pyraclostrobin	Red - Est	Greens/collars	Yes - Programmatic	Feb-Nov	various pre-emergent/contact diseases
Tebuconazole 3.6	Fungicide	Tebuconazole	Red	Greens/Tees/Fwys	Yes - Programmatic	TBD- Annual	Disease thresholds exceeded that are deemed detrimental to asset
Cleary's 3336	Fungicide	Thiophanate methyl	Red	Greens/collars	Yes - Programmatic	TBD- Annual	Disease thresholds exceeded that are deemed detrimental to asset
Prostar 70 WG	Fungicide	Flutolanil	Red - Est	Greens/collars	Yes - Programmatic	TBD- Annual	Disease thresholds exceeded that are deemed detrimental to asset/Fairy ring
Banol	Fungicide	Propamocarb Hydrochloride	Red - Est	Greens/collars	Yes - Programmatic	As needed	Pythium root rot
Drive XLR8	Herbicide	Quinclorac	Red - Est	Greens	Yes - Programmatic	As needed	Chemical edging of greens for kikuyu encroachment
Segway	Fungicide	Cyazofamid	Red - Est	Greens/collars	Yes - Programmatic	TBD-annual	Pythium root rot
Ascernity	Fungicide	Benzovindi	Red - Est	Greens/collars	Yes - Programmatic	As needed	Various pre-emergent
Revolver	Herbicide	flupyr/difenconazole	Red - Est	Poa removal in driving range tee	Yes - Programmatic	March through June	weed thresholds exceeded
Speedzone Southern	Herbicide	Foramsulfuron	Red - Est	On the golf course besides greens	Yes - Programmatic	TBD-Annual	selective herbicide used in kikuyu/rye grass
		Carfentrzone/2-4D/Mecoprop/Dicamba	Yellow - Est				
Specticle	Herbicide	Indaziflam	Red	Chipping & Practice Green Area	Yes - Programmatic	October	Pre-emergent for poa annua & numerous weeds
SureGuard	Herbicide	Flumioxazin	Red	Landscape areas/tree islands in parking lot	Yes	March	Pre-emergent for grassy and broadleaf weeds

**Department / Division: Waterfront**

Material	Type	Active Ingredient	Category	Location	Exemption Required Y/N	Proposed Timeframe	Targeted Pest / Rationale
Vikane	Insecticide	Sulfuryl flouride	Red	Waterfront buildings	Y	TBD	Drywood termite control in wood frame buildings

**KEY:**

New Materials reviewed by the IPM Committee and added to the approved list on 10/15/19.	Material Exemption Needs IPMCA Committee Review	IPMCA Committee Material Exemption Approval	IPMCA Committee Material Exemption Denial
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**NOTES** All City Parks are identified as "Green" with the exception of Mission Historic Park which is identified as a "Yellow" Park. The Following parking lots

**No planned use of Materials from Fire and Downtown Parking**