

2020 IPM Annual Pesticide Application Plan

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

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

Department / Division: Airport							
Material	Type	Active Ingredient	Category	Location	Exemption Required Y/N	Proposed Timeframe	Targeted Pest / Rationale
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
Fumitoxin		Aluminum phosphide	Red	Airfield	Yes -Need Programmatic	Winter	Airfield gopher control
Wilco Ground Squirrel		diphacinone	Yellow	Airfield	No	Summer, fall	Airfield ground squirrel control
Advion	Insecticide	Indoxacarb		Building interiors	No	All year	Ant bait stations
Roundup ProMax	Herbicide	glyphosate	Yellow	Airfield/Rights of way	No	Fall, winter, spring	Airfield and right of way weed control
Surflan	Herbicide	oryzalin	Yellow	Airfield	No	Fall	Airfield weed control pre-emergent
Vikane	Insecticide	Sulfuryl flouride	Red	Airport buildings	Yes -Need Programmatic		Drywood termite control in wood frame buildings

Department / Division: PR- Parks							
Material	Type	Active Ingredient	Category	Location	Exemption Required Y/N	Proposed Timeframe	Targeted Pest / Rationale
Eco Via - ec	Insecticide	Thyme Oil,2-Phenethyl Propionate, Rosemary Oil	Green Exempt Caution	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
Wilco Ground Squirrel		diphacinone	Yellow	Shoreline and MacKenzie Paks	Yes- Programmatic	May - Oct	Ground squirrel control in bluff and hillside areas
Suppress Herbicide Ec	Herbicide	Caprylic Acid/Capric Acid	Undetermined Warning	various Parks and street medians	Undetermined	All Year	Park, Waterfront parking and right of way weed control

Material	Type	Active Ingredient	Category	Location	Exemption Required Y/N	Proposed Timeframe	Targeted Pest / Rationale
Burn out 2	Herbicide	clove oil	Green	various Parks and street medians	No	All Year	Park, Waterfront parking and right of way weed control

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	Yellow	Arroyo Burro Open Space, Hidden Valley Park, and downstream of Arroyo Burro at 401 Las Positas	Yes- Programmatic	Sept-Oct	Invasive plant removal program targeting Arundo donax in open space restoration areas

Department / Division: PR- Santa Barbara Golf Club

Material	Type	Active Ingredient	Category	Location	Exemption Required Y/N	Proposed Timeframe	Targeted Pest / Rationale
Primo - Maxx	Herbicide -PGR	Trinexapac-Ethyl	Green	Greens/Tees/Fwys	Yes -Need Programmatic	Feb-Nov	Improve plant health and drought stress, reduce CO2 emissions (mowing)
Insignia	Fungicide	Pyraclostrobin	Red	Chipping & Practice Green Area	Yes -Need Programmatic	TBD- Annual	Disease thresholds exceeded that are deemed detrimental to asset
Heritage	Fungicide	Azoxystrobin	Red	Greens and Tees	Yes -Need Programmatic	TBD- Annual	Disease thresholds exceeded that are deemed detrimental to asset
Daconil	Fungicide	Chlorothalonil	Red	Greens and Tees	Yes -Need Programmatic	TBD- Annual	Disease thresholds exceeded that are deemed detrimental to asset
Banner-maxx	Fungicide	Propiconazole	Red	Greens and Tees	Yes -Need Programmatic	TBD- Annual	Disease thresholds exceeded that are deemed detrimental to asset
Velista	Fungicide	Penthiopyrad	Red	Greens and Tees	Yes -Need Programmatic	TBD- Annual	Disease thresholds exceeded that are deemed detrimental to asset
Acelepryn	Insecticide	Chlorantraniliprole	Yellow	Greens	Yes -Need Programmatic	May, August	Control of grubs, bill bugs, cutworms
Proxy	Herbicide -PGR	Ethephon	Red	Driving Range Tee, landscape areas	Yes -Need Programmatic	Oct, April	Broadleaf/Invasive weed thresholds exceeded that are deemed detrimental to asset
Subdue-maxx	Fungicide	Mefenoxam	Red	Greens and Tees	Yes -Need Programmatic	TBD- Annual	Disease thresholds exceeded that are deemed detrimental to asset
Legacy	Herbicide -PGR	flurprimidol + trinexapac-Ethyl	Undetermined Warning	Greens/Tees/Fwys	Yes -Need Programmatic	Feb-Nov	Improve plant health and drought stress, reduce CO2 emissions (mowing)
TEBUCONAZOLE 3.6	Fungicide	Tebuconazole	Undetermined Caution	Greens and Tees	Yes -Need Programmatic	TBD- Annual	Disease thresholds exceeded that are deemed detrimental to asset
Cleary's 3336	Fungicide	Thiophanate methyl	Undetermined Caution	Greens and Tees	Yes -Need Programmatic	TBD- Annual	Disease thresholds exceeded that are deemed detrimental to asset
Fore 80WP Rainsheild	Fungicide	Mancozeb	Undetermined Caution	Greens and Tees	Yes -Need Programmatic	TBD- Annual	Disease thresholds exceeded that are deemed detrimental to asset
Specticle	Herbicide	Indaziflam	Undetermined	Chipping & Practice Green Area	Yes	October	Pre-emergent for poa annua & numerous weeds
SureGuard	Herbicide	Flumioxazin	Undetermined Caution	Landscape areas/tree islands in parking lot	Yes	March	Pre-emergent for grassy and broadleaf weeds

KEY:
Materials to be reviewed and consideration for approved list

No planned use of Materials from Waterfront and Downtown Parking