FY 23 IPM Annual Pesticide Application Plan
Attachment 2B

Department / Division:	PW- Facilities				_		
Material	Туре	Active Ingredient	Category	Location	Exemption Required Y/N	Proposed Timeframe	Targeted Pest / Rationale
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		
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Department / Division:	PW- Facilities-Ve						
Material	Туре	Active Ingredient	Category	Location	Exemption Required Y/N	Proposed Timeframe	Targeted Pest / Rationale
VectoBac G/VectoBac GS: <b>Bti</b>		Btk / Bti	Green	Andrée Clark Bird Refuge	No	Year Round Whenever Mosquitoes Breeding	Mosquito Abatement
/ectoBac G/VectoBac GS: <b>Bti</b>	Insecticide	Btk / Bti	Green	Lighthouse Creek at La Mesa Park			
/ectoBac G/VectoBac GS: <b>Bti</b>	Insecticide	Btk / Bti	Green	Honda Preserve			
/ectoBac G/VectoBac GS: <b>Bti</b>	Insecticide	Btk / Bti	Green	Ditch @ Muni Tennis Courts/Old Coast Hwy			
ectoBac G/VectoBac GS: <b>Bti</b>	Insecticide	Btk / Bti	Green	Culvert @ NW corner Dwight Murphy Field			
/ectoBac G/VectoBac GS: <b>Bti</b>	Insecticide	Btk / Bti	Green	San Roque Creek at Stevens Park			
ectoBac G/VectoBac GS: <b>Bti</b>	Insecticide	Btk / Bti	Green	Gutters @ 903 Alston Rd/500-600 Alston Rd			
ectoBac G/VectoBac GS: <b>Bti</b>	Insecticide	Btk / Bti	Green	Creek @ City Parks Yd E of Muni Tennis court			
ectoBac G/VectoBac GS: <b>Bti</b>	Insecticide	Btk / Bti	Green	Curbside drain at 3340 Richland Dr.			
ectoBac G/VectoBac GS: <b>Bti</b>	Insecticide	Btk / Bti	Green	Ditch on east side of 3015 Calle Noguera			
ectoBac G/VectoBac GS: <b>Bti</b>	Insecticide	Btk / Bti	Green	Curbside at end of driveway at 1128 Bath St.			
ectoBac G/VectoBac GS: <b>Bti</b>	Insecticide	Btk / Bti	Green	Gutter in front of 411 Anacapa St.			
ectoBac G/VectoBac GS: <b>Bti</b>	Insecticide	Btk / Bti	Green	Storm drains on Anacapa St. at Cabrillo Blvd.			
ectoBac G/VectoBac GS: <b>Bti</b>	Insecticide	Btk / Bti	Green	Gutter between 1114 and 1120 Del Mar Ave.			
/ectoBac G/VectoBac GS: <b>Bti</b>	Insecticide	Btk / Bti	Green	"Cascade Pools" at Sylvan Park		<b>→</b>	
epartment / Division:	Airport						
<b>Naterial</b>	Туре	Active Ingredient	Category	Location	Exemption Required Y/N	Proposed Timeframe	Targeted Pest / Rationale
ltosid XR	Insecticide	Other	Yellow	Goleta Slough	No	Fall	Extended release mosquito control
ectobac	Insecticide	Btk	Green	Goleta Slough/Airport Mosquito sources	No	All year	Mosquito control
latular	Insecticide	spinosad	Green	Goleta Slough/Airport Mosquito sources	No	All year	Mosquito control
Vilco Ground Squirrel / Ditrac	Rodenticide	diphacinone	Yellow	Airfield / Building exteriors	Yes* - only for building exteriors	Summer, fall	Airfield / building exterior ground squirrel control
dvion -Bait	Insecticide	Indoxacarb	Green	Building interiors	No	All year	Ant bait stations
oundup ProMax	Herbicide	glyphosate	Red	Airfield/Rights of way	Yes	Fall, winter, spring	Airfield and right of way weed control
urflan	Herbicide	oryzalin	Yellow	Airfield	No	Fall	Airfield weed control pre-emergent
epartment / Division:	PR- Parks						
Material	Туре	Active Ingredient	Category	Location	Exemption Required Y/N	Proposed Timeframe	Targeted Pest / Rationale
co 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
onserve (Spinosad)	Insecticide	spinosad	Green	A.C. Postel Rose Garden in Mission Historical Park	No	Spring, Summer	sawflies - larva (Rose Slug) and other listed pests
ose 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
ubdue-maxx	Fungicide	Mefenoxam	Red	Morton Bay Fig Tree Park	Yes- Programmatic	November, April -June	Treatment for Phytopthora around roots of tree.
hangeUp	Herbicide	MCPA, Floxypyr, Dicamba	Yellow	Cabrillo	Yes	TBD	Weeds/Improve turf for play and sports
peedZone 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

Personantial Particle   Buymourie   Bet   Buymourie   Bet   Buymourie   Bet   Buymourie   Bet   Buymourie   Bet   Buymourie	Material	Туре	Active Ingredient	Category	Location	Exemption Required Y/N	Proposed Timeframe	Targeted Pest / Rationale
Natural Parlament of Birdle Service Agricultural Carbogory December 2 Birdle Service Agricultural Service Agricult	Department / Division:	PR- Creeks						
Paymenter of National	Material	Туре	Active Ingredient	Category	Location		Proposed Timeframe	Targeted Pest / Rationale
Internation   Type   Active ingredient   Category   Location   Proposed Timeframe   Proposed	ilyphosate Aquamaster or Rodeo	Herbicide	Glyphosate	Red		Yes - Programmatic	Sept-Oct 2022	Invasive plant removal program targeting Arundo donax in open space restoration area
pagerment / Division:    Type	Department / Division:							
pages 1 Project Projec	<b>Material</b>	Туре	Active Ingredient	Category	Location		Proposed Timeframe	Targeted Pest / Rationale
peper H Fungiside Polarization	Department / Division:	PR- Santa Barbara	a Golf Club					
processor of purplicate profit methods of processor of pr	Material	Туре	Active Ingredient	Category	Location		Proposed Timeframe	Targeted Pest / Rationale
Fungicide Pracostocionin Red Greeners/Collars Ves Programmatic TID- Annual Disease thresholds exceeded data are deemed derimental to asset thresholds exceeded that are deemed derimental exceeded that are deemed derimental exceeded that are deemed deri	<del>Appear II</del>	<del>Fungicide</del>	Potassium Phosphite	Yellow		<del>Yes - Programmatic</del>	TBD- Annual	Disease thresholds exceeded that are deemed detrimental to asset
Exemption   Fungicide   Association   Red   General/colles   Yes - Programmatic   TEP-Annual   Disease thresholds exceeded that are deemed definiment to asset   TEP-Annual   Disease thresholds exceeded that are deemed definiment to asset   TEP-Annual   Disease thresholds exceeded that are deemed definiment to asset   TEP-Annual   Disease thresholds exceeded that are deemed definiment to asset   TEP-Annual   Disease thresholds exceeded that are deemed definiment to asset   TEP-Annual   Disease thresholds exceeded that are deemed definiment to asset   TEP-Annual   Disease thresholds exceeded that are deemed definiment to asset   TEP-Annual   Disease thresholds exceeded that are deemed definiment to asset   TEP-Annual   Disease thresholds exceeded that are deemed definiment to asset   TEP-Annual   TEP-A	riskway	Fungicide	Pydiflumetofen	Red	Grees/collars	Yes - Programmatic	TBD- Annual	Disease thresholds exceeded that are deemed detrimental to asset
Fungicide Chlorotalounii Red Greens and Tees Yes - Programmatic TID- Annual Disease thresholds exceeded that are deemed detrimental to asset was removed to the programmatic of the programmatic time of the programmatic of the p	nsignia	Fungicide	Pyraclostrobin	Red	Greemns/collars	Yes - Programmatic	TBD- Annual	Disease thresholds exceeded that are deemed detrimental to asset
Fungiside   Propientation   Propient   Propientation   Propi	Heritage	Fungicide	Azoxystrobin	Red	Greens/collars	Yes - Programmatic	TBD- Annual	Disease thresholds exceeded that are deemed detrimental to asset
Insecticide Insect	Daconil	Fungicide	Chlorothalonil	Red	Greens and Tees	Yes - Programmatic	TBD- Annual	Disease thresholds exceeded that are deemed detrimental to asset
intimo-Max PCR   Trineagac-Esthyl Green   Green/Tees/Flvys   No Feb-Nov   Improve plant health and drought stress, reduce CO2 emissions (moving)   Broadlest/Flvysion   Red   Greens/Tees/Flvys   No Feb-Nov   Improve plant health and drought stress, reduce CO2 emissions (moving)   Broadlest/Flvysion   Red   Greens/Tees/Flvys   No Feb-Nov   Improve plant health and drought stress, reduce CO2 emissions (moving)   Broadlest/Flvysions   Red   Greens/Tees/Flvys   Yes-Programmatic   Feb-Nov   Various pre-emergent/contact diseases   Feb-Nov   Ves-Programmatic   Ves-Programmatic   Ves-Programmatic	Banner-maxx	Fungicide	Propiconazole	Red	Greens and Tees	Yes - Programmatic	TBD- Annual	Disease thresholds exceeded that are deemed detrimental to asset
immo-Mixox PRR Trinceapac-Ethyl Green General	celepryn	Insecticide	Chlorantraniliprole	Yellow	Greens	No	May, August	Control of grubs, bill bugs, cutworms
Herbidole—Police   Red   Respirator   Red   Greenin/Collars   Yes - Programmatic   Red   Respirator   Red - Est   Greenin/Collars   Yes - Programmatic   Feb-Nov   Improve plant health and drongth stress, reduce CO2 emissions (mounted)   Red - Est   Greenin/Collars   Yes - Programmatic   Feb-Nov   Improve plant health and drongth stress, reduce CO2 emissions (mounted)   Red - Est   Greenin/Tees/Twys   Yes - Programmatic   TBD- Annual   Disease thresholds exceeded that are deemed detrimental to asset   Red - Feb-Nov   Red - Est   Greenin/Tees/Twys   Yes - Programmatic   TBD- Annual   Disease thresholds exceeded that are deemed detrimental to asset   Red - Feb - Programmatic   Red - Feb - Feb - Feb - Red - Red - Red - Red - Feb - Feb - Red - Red - Red - Red - Red - Feb - Feb - Feb - Red - Feb - Feb - Red	rimo - Maxx	PGR	Trinexapac-Ethyl	Green	Greens/Tees/Fwys	No		Improve plant health and drought stress, reduce CO2 emissions (mowing)
Page of the Policide — PGR   flurprimidel – Hitnesapas-Ethyl   Vellow   Greens/Tees/Funys   Yes – Programmatic   Feb Nov   various pre-emergent/contact diseases	roxy	PGR	Ethephon	Red	Greenms/collars	Yes - Programmatic	Mar-july	Broadleaf/Invasive weed thresholds exceeded that are deemed detrimental to asset
Exempton Both Committee Material Exemtion Approval to 10/15/19.  Fungicide Tebuconazole Red Greens/Tees/Fwys Yes - Programmatic TBD- Annual Disease thresholds exceeded that are deemed detrimental to asset Programmatic TBD- Annual Disease thresholds exceeded that are deemed detrimental to asset Programmatic TBD- Annual Disease thresholds exceeded that are deemed detrimental to asset Programmatic TBD- Annual Disease thresholds exceeded that are deemed detrimental to asset Programmatic TBD- Annual Disease thresholds exceeded that are deemed detrimental to asset Programmatic TBD- Annual Disease thresholds exceeded that are deemed detrimental to asset Programmatic TBD- Annual Disease thresholds exceeded that are deemed detrimental to asset Programmatic TBD- Annual Disease thresholds exceeded that are deemed detrimental to asset Programmatic TBD- Annual Disease thresholds exceeded that are deemed detrimental to asset Programmatic TBD- Annual Disease thresholds exceeded that are deemed detrimental to asset Programmatic TBD- Annual Disease thresholds exceeded that are deemed detrimental to asset Programmatic TBD- Annual Disease thresholds exceeded that are deemed detrimental to asset Programmatic TBD- Annual Disease thresholds exceeded that are deemed detrimental to asset Programmatic TBD- Annual Disease thresholds exceeded that are deemed detrimental to asset Programmatic TBD- Annual Disease thresholds exceeded that are deemed detrimental to asset Programmatic TBD- Annual TBD- Annual TBD- Annual TBD- Annual Disease thresholds exceeded that are deemed detrimental to asset Programmatic TBD- Annual TBD- Annua	egacy	Herbicide -PGR	flurprimidol + trinexapac-Ethyl	<del>Yellow</del>	Greens/Tees/Fwys	-		Improve plant health and drought stress, reduce CO2 emissions (mowing)
Programmatic TBD- Annual Disease thresholds exceeded that are deemed detrimental to asset resholds exceeded for the pythium root root representations are representable. The pythium root root representation are representationally as needed and the resholds exceeded for the pythium root root responsible to the pythium root root representation are representationally as needed for the pythium root root representation are representatively as needed for the pythium root root representation are representatively as needed for the pythium root root representation are representatively as needed for the pythium root root representation are representatively as needed for the pythium root root representation are representatively as needed for the pythium root root representation are representatively as needed for the pythium root root representation are representatively as needed for the pythium root root representation are representatively as needed for the pythium root root representation are representatively as needed for the pythium root root representative representation are representatively as needed for the pythium root root representative	exicon	Fungicide	Fluxapyroxad/Pyraclostrobin	Red - Est	Greens/collars	Yes - Programmatic	Feb-Nov	· various pre-emergent/contact diseases
Fungicide Flutolanii Red - Est Greens/collars Yes - Programmatic As needed Propamocarb Hydrochoride Red - Est Greens/collars Yes - Programmatic As needed Chemical edging of greens for kikuyu encroachment Pythium root tor tor trive V.R.R. Herbicide Quinclorac Red - Est Greens Yes - Programmatic As needed Chemical edging of greens for kikuyu encroachment Fungicide Cyacofamid Red - Est Greens/collars Yes - Programmatic TBD- Annual Disease thresholds exceeded that are deemed detrimental to asset/Fairy ring Propamocarb Hydrochoride Red - Est Greens/collars Yes - Programmatic TBD- Annual Purpliman root to the secretive Fungicide Red - Est Greens/collars Yes - Programmatic TBD- Annual Purpliman Red Fungicide Foramsuffuron Red - Est Poa removal in driving range tee Peedane Southern Herbicide Carfentrane/2 Yellow - Est On the golf course besides greens Yes - Programmatic TBD- Annual Selective herbicide used in kikuyu/rye grass 4D/Mccoprop/Dicamba Red Chipping & Practice Green Area Ves - Programmatic TBD- Annual Selective herbicide used in kikuyu/rye grass 4D/Mccoprop/Dicamba Red Chipping & Practice Green Area Ves - Programmatic TBD- Annual Selective herbicide used in kikuyu/rye grass 4D/Mccoprop/Dicamba Red Chipping & Practice Green Area Ves - Programmatic TBD- Annual Selective herbicide used in kikuyu/rye grass 4D/Mccoprop/Dicamba Red Chipping & Practice Green Area Ves - Programmatic TBD- Annual Selective herbicide used in kikuyu/rye grass 4D/Mccoprop/Dicamba Red Chipping & Practice Green Area Ves - Programmatic TBD- Annual Selective herbicide used in kikuyu/rye grass 4D/Mccoprop/Dicamba Red Chipping & Practice Green Area Ves - Programmatic TBD- Annual Selective herbicide used in kikuyu/rye grass 4D/Mccoprop/Dicamba Red Landscape areas/tree islands in parting let Yes March Pre-emergent for poa annua & numerous weeds Ves - Programmatic TBD- Annual Selective herbicide used in kikuyu/rye grass 4D/Mccoprop/Dicamba Red Landscape areas/tree islands in parting let Ves - Programmatic TBD- Annual TBD- Annual TBD- Annual TBD- An	Геbuconazole 3.6	Fungicide	Tebuconazole	Red	Greens/Tees/Fwys	Yes - Programmatic	TBD- Annual	Disease thresholds exceeded that are deemed detrimental to asset
Fungicide Herbicide Quinclorar Red - Est Greens/collars Yes - Programmatic As needed Chemical edging of greens for kilkuyu encroachment Pythium root rot Chemical edging of greens for kilkuyu encroachment Pythium root rot Secretivy Fungicide Pungicide Benzovindi Red - Est Greens/collars Yes - Programmatic TBD-annual Pythium root rot Secretivy Fungicide Benzovindi Red - Est Greens/collars Yes - Programmatic As needed Various pre-emergent Fungicide Benzovindi Red - Est Greens/collars Yes - Programmatic As needed Various pre-emergent Fungicide Benzovindi Red - Est Greens/collars Yes - Programmatic As needed Various pre-emergent Fungicide Benzovindi Red - Est Greens/collars Yes - Programmatic As needed Various pre-emergent Fungicide Fundicide Benzovindi Red - Est Greens/collars Yes - Programmatic As needed Various pre-emergent Fungicide Pungicide Pungicide Pungicide Pungicide Benzovindi Red - Est Greens/collars Yes - Programmatic As needed Various pre-emergent Fungicide Pungicide Pungic	Cleary's 3336	Fungicide	Thiophanate methyl	Red	Greens/collars	Yes - Programmatic	TBD- Annual	Disease thresholds exceeded that are deemed detrimental to asset
Herbicide Cyazofamid Red - Est Greens Yes - Programmatic As needed Chemical edging of greens for kikuyu encroachment egyway Fungide Cyazofamid Red - Est Greens/collars Yes - Programmatic As needed Various pre-emergent Fungide Benzovindl Red - Est Greens/collars Yes - Programmatic As needed Various pre-emergent Flupyr/diffenconazole Foramsulfuron Red - Est Greens/collars Yes - Programmatic As needed Various pre-emergent Flupyr/diffenconazole Foramsulfuron Red - Est On the golf course besisdes greens Yes - Programmatic TBD-annual Selective herbicide used in kikuyu/rye grass 4D/Mecoprop/Dicamba Indaeifiam Red Chipping & Practice Green Area Lendscape areas/tree-islands in parking led Herbicide Herbicide Herbicide Indaeifiam Red Chipping & Practice Green Area Lendscape areas/tree-islands in parking led Yes - Programmatic TBD-annual Selective herbicide used in kikuyu/rye grass 4D/Mecoprop/Dicamba Indaeifiam Red Chipping & Practice Green Area Lendscape areas/tree-islands in parking led Yes - Programmatic TBD-annual Selective herbicide used in kikuyu/rye grass 4D/Mecoprop/Dicamba Indaeifiam Red Chipping & Practice Green Area Lendscape areas/tree-islands in parking led Yes - Programmatic TBD-annual Selective herbicide used in kikuyu/rye grass 4D/Mecoprop/Dicamba Indaeifiam Red Chipping & Practice Green Area Lendscape areas/tree-islands in parking led Yes - Programmatic Per Programmatic TBD-annual Selective herbicide used in kikuyu/rye grass 4D/Mecoprop/Dicamba Indaeifiam Red Exempton Programmatic Reviewed Selective herbicide used in kikuyu/rye grass Yes - Programmatic TBD-annual Selective herbicide used in kikuyu/rye grass Yes - Programmatic Reviewed Selective herbicide used in kikuyu/rye grass Yes - Programmatic Reviewed Selective herbicide used in kikuyu/rye grass Yes - Programmatic Reviewed Selective herbicide used in kikuyu/rye grass Yes - Programmatic Reviewed Selective herbicide used in kikuyu/rye grass Yes - Programmatic Reviewed Selective herbicide used in kikuyu/rye grass Yes - Programmatic Reviewed Selective h	rostar 70 WG	Fungicide	Flutolanil	Red - Est	Greens/collars	Yes - Programmatic	TBD- Annual	Disease thresholds exceeded that are deemed detrimental to asset/Fairy ring
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Fungicide Benzovindi Red - Est Greens/collars Yes - Programmatic As needed Various pre-emergent flupyr/difenconazole Foramsulfuron Red - Est Poa removal in driving range tee Pedzone Southern Herbicide Pedzone Southern Herbicide Indiaziflam Red Carentzone/2- Vellow - Est On the golf course besides greens Yes - Programmatic TBD-Annual Selective herbicide used in kikuyu/rye grass 4D/Mecoprop/Dicamba Apd/Mecoprop/Dicamba Herbicide Indiaziflam Red Chipping-&-Praetitee-Green Area Ves - Programmatic Ves - Programmatic October Pre-emergent-for poa-annua & numerous-weeds Landscape areas/tree-islands-in-parking-lot Ves March Pre-emergent-for-poa-annua & numerous-weeds Pre-emergent-fo	Prive XLR8		Quinclorac	Red - Est	Greens	Yes - Programmatic	As needed	Chemical edging of greens for kikuyu encroachment
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