



## FALL 2014 WATER QUALITY MONITORING PACKAGES\*

### Irrigation Water Quality Test

- One (1) sample from your irrigation source
- Field measurement of pH, temperature, specific conductance, dissolved oxygen
- Water quality analyses as shown on List **IRRIGATION**
- Report describing results with recommendations

**\$1,200**

### Audubon Certification Package (Nutrients)

- One sample from each of two (2) selected sample points – 2 samples total
- Field measurement of pH, temperature, specific conductance, dissolved oxygen
- Water quality analyses as shown on List **AUDUBON**
- Report describing results with recommendations

**\$1,700**

### Basic Pesticides Package

- One sample from each of two (2) selected sample points – 2 samples total
- Field measurement of pH, temperature, specific conductance, dissolved oxygen
- Water quality analyses as shown on List **PESTICIDE 1**
- Report describing results with recommendations

**\$2,650**

### Add-Ons/Extras

- Additional Irrigation Sample (1 sample)
- Additional Nutrient Sample (1 sample)
- Add Compounds In List **PESTICIDE 2** (2 samples)
- Add Compounds in List **PESTICIDE 3** (2 samples)
- Add Compounds in List **PESTICIDE 4** (2 samples)

**\$80**  
**\$80**  
**\$140**  
**\$500**  
**See listing**

**Call for quotes on custom programs. VISA/Mastercard**

\*Travel expenses may be additional

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## IRRIGATION

### **Major Anions/Cations**

Boron  
Bicarbonate  
Carbonate  
Calcium  
Chloride  
Iron  
Manganese  
Magnesium  
Potassium  
Phosphorous  
Nitrate  
Sulfate  
Sodium

### **Water Quality Indicators**

Adjusted SAR  
Ph  
Specific Conductance  
Total Dissolved Solids

Field measurement of pH, temperature, specific conductance, dissolved oxygen

Other constituents can be added on an ala carte basis (e.g., zinc, copper, etc)

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## AUDUBON

### **Nutrients**

Nitrogen as nitrate  
Total Ammonia Nitrogen  
Orthophosphate phosphorous

Field measurement of pH, temperature, specific conductance, dissolved oxygen

Other forms of nitrogen and phosphorous available (e.g., Total Kjeldahl nitrogen, nitrite, chlorophyll-a, total phosphorous)





## PESTICIDE 1

### Nutrients

Nitrogen as nitrate  
 Nitrogen as ammonia  
 Orthophosphate phosphorous

Thiophanate-methyl Clearys 3336  
 Carbendazim (fungicide and degradate of thiophanate-methyl)

### EPA Method 8081

Bifenthrin	Onyx, Talstar Pro
Chloroneb	Terraneb
Chlorothalonil	Daconil
Chlorpyrifos	Dursban
Cyfluthrin	Tempo
Chlorthal-dimethyl	Dacthal
Deltamethrin	
Diclobenil	Casoron
Dithiopyr	Dimension
Endosulfan I	
Endosulfan II	
Endosulfan sulfate	
Etridiazole	Terrazole
Fenarimol	Rubigan
Flutolanil	Prostar
Iprodione	Chipco 26GT
S-Metolachlor	
Oxadiazon	Ronstar
Oxyfluorfen	Goal
PCNB	FFII, Terrachlor
Pendimethalin	Pendulum, Prowl
Prodiamine	Barricade
Tetramethrin	Tetrasan
Trifloxystrobin	Compass, Armada
Trifluralin	Treflan
Triticonazole	Trinity
Sulfentrazone	Surge, Quicksilver
Vinclozalin	Curalan, Touche

### EPA Method 8321B

Abamectin	Avid
Azoxystrobin	Heritage, Briskway
Bendiocarb	Turcam
Bensulide	Bensumec
Boscalid	Emerald
Carbaryl	Sevin
Carfentrazone-ethyl	Speedzone
Chlorantraniliprole	Acelepryn
Cyazofamid	Segway
Difenoconazole	Briskway
Diuron	
Fludioxonil	Medallion
Fluridone	Sonar Q
Fluopicolide	Stellar
Imidacloprid	Merit
Indazaflam	Specticle FLO
Isoxaben	Gallery
Metconazole	Tourney
Oryzalin	Surflan, Snapshot
Pyraclostrobin	Insignia
Siduron	Tupersan
Spiromesifen	
Tebuconazole	Enclave, Skylark, Torque

### Modified 8321B



## PESTICIDE 2

### **EPA Method 8270D**

Dimethenamid-P	Freehand, Tower
Ethofumesate	Prograss
Ethoprop	Mocap
Fenamiphos	Nemacure
Fipronil	TopChoice
Fluazifop-P-butyl	Fusilade II
Flumioxazin	
Fluroxypyr-meptyl	Tailspin, Strike Three
Mefenoxam/Metalaxyl	FFVII, Subdue, Subdue MAXX
Metribuzin	Sencor
Myclobutanil	Eagle
Napropamide	
Paclobutrazol	Bonzi
Pronamide	Kerb
Simazine	Princep
Triadimefon	Beyleton, Armada





## PESTICIDE 3

### **EPA Method 8321B Acid Herbicides**

2,4-D	Trimec, Millenium, Crossbow
Bentazon	Basagran
Clopyralid	Confront, Stinger, Millenium
Dicamba	Trimec, Banvel, Clarity, Millenium, Celsius
Fluazifop (free acid)	
MCPA	Trimec, Powerzone
MCPP	
Picloram	Tordon
Quinclorac	Drive, Q4
Triclopyr	Confront, Garlon, Crossbow, Capstone



## PESTICIDE 4

<b><u>EPA Method 630.1</u></b>		<b>\$345</b>	<b>2 samples</b>
Mancozeb	Fore, Dithane		
Thiram	Spotrete		
<b><u>EPA Method 547</u></b>		<b>\$380</b>	<b>2 samples</b>
Glyphosate	Roundup		
<b><u>EPA Method 549</u></b>		<b>\$400</b>	<b>2 samples</b>
Diquat	Reward		
<b><u>Modified EPA Method 8321B</u></b>		<b>\$330</b>	<b>2 samples</b>
Trinexepac-ethyl	Primo Maxx		
<b><u>Modified EPA Method 8321B</u></b>		<b>\$435</b>	<b>2 samples</b>
Imazaquin	Image		
<b><u>In-House Method</u></b>		<b>\$400</b>	<b>2 samples</b>
Glufosinate	Finale		
<b><u>DuPont Method</u></b>		<b>\$575</b>	<b>2 samples</b>
Foramsulfuron	Revolver		
Halosulfuron-methyl	SedgeHammer		
Metsulfuron-methyl	Manor		
<b><u>Modified EPA Method 8321B</u></b>		<b>\$550</b>	<b>2 samples</b>
Acephate			
Clethodim	TapOut		
Mesotrione	Tenacity		
Methamidophos	cancelled		
Topramazone	Pylex		

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