

WATERMARK

SOIL MOISTURE SENSOR



Save Water!  Better Quality!



Features

- Range From 0-200 Centibars
- Fully Solid State
- Will Not Dissolve in Soil
- Not Affected by Freezing Temperatures
- Internal Compensation for Commonly Found Salinity Levels
- Inexpensive
- Easy to Use
- No Maintenance

Benefits

- Produce Better Quality and Yields
- Avoid Excessive Leaching of Fertilizers
- Save Water
- Save Energy
- Save Money

WATERMARK DIGITAL METER

- Digital Readout
- Converts Electrical Resistance Reading of Sensor to Centibars of Suction
- Accuracy and Stability
- Convenient to Use
- One Meter Reads All Sensors
- Manual Temperature Compensation

IRROMETER

COMPANY, INC.

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URL: <http://www.irrometer.com>

SUGGESTED PLACEMENT DEPTHS FOR IRRIGATOR AND WATERMARK SENSORS

The following are suggested placement depths for various crops based on **deep, well drained soils**. Instruments may be angled or set more shallowly in lighter or shallow soil. With drip or trickle irrigation 12", 24" depths recommended, with an added 36" depth on deeper rooted crops.

CROP	Shallow Instrument (Inches)	Deep Instrument (Inches)	For Extra Depth, Set at (Inches)	CROP	Shallow Instrument (Inches)	Deep Instrument (Inches)	For Extra Depth, Set at (Inches)
Alfalfa	18-24	36-48	60-70	Melons	18	36	
Almonds	24	48	72	Milo	24	48	
Apples	20	40	60	Mint	12	24	
Apricots	24	48	72	Monterey Pines, Firs	12	24	
Artichokes	18	36		Mums	12	(Placed 4-6")	
Asparagus	18-24	36-48		Mustard	18	36	
Avocados	12	24	36	Nectarines	18	36	
Bananas	12	24		Oats	18	36	
Barley	18	36		Okra	18	36	
Beans (bush)	10	18		Olives	24	48	60
Beans (Lima)	18	36		Onions	12		
Beans (Pole)	18	36		Papaya	12	24	
Beets (sugar)	18	36		Parsnips	18	36	
Beets (table)	12-18	24-36		Pecans	18	36	48
Blueberries	12	24		Permanent Pasture	8-15	24-30	
Broccoli	12	20		Peas	18	36	
Cabbage	12	20		Peaches	18	36	60
Canaigre	18	36	48	Peanuts	12	24	
Cantaloupe	18	36		Pears	18	36	48
Carnations	12	(Placed 4-6")		Peppers	15	30	
Carrots	12	24		Persimmons	18	36	
Cauliflower	12	24		Pineapple	15	30	
Celery	10	20		Pistachio Nuts	24	48	60
Chard	12	24		Pomegranates	18	36	
Cherries	24	48		Potatoes (Irish)	8-10	18	
Christmas tree	12	24		Potatoes (Sweet)	18	36	
Citrus; orange, lemon, grapefruit	18	36		Plums	24	48	72
Coffee	18-24	36-48		Prunes	24	48	72
Corn (sweet)	12	30		Pumpkin	18	36	48
Corn (field)	18	36		Radishes	12		
Cotton	18	36	48	Raspberries	12	18	
Cranberries	18	36		Sorghum	18	36	
Cucumbers	18	36		Soy Beans	18	36	60
Date palm	24	48	60	Spinach	12	24	
Egg Plant	12	24		Squash (Summer)	15	30	
Figs	18	36		Strawberries	6	12	
Garlic	12	24		Sudan Grass	18-24	36-48	
Grain and Flax	18	36		Sugar Cane	18	36	
Grapes	24	48	60	Sunflowers	24	48	60
Hops	24	48	60	Tea	12	24	
Jojoba	18	36		Tobacco	8-15	30	
Kiwi	18	36	48	Tomatoes	18	36	
Landino Clover	10	20		Turnips	18	36	
Lettuce	12			Walnuts	24	48	72
Macadamias	12	24	36	Watermelon	18	36	48
Maize	18	36		Wheat-Hay	18	36	

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