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Instructions: To determine amount to irrigate; add daily ET for each day since your last irrigation or significant rainfall.....(look below table for more info).

Estimated Crop Water Use (ET)

Weather Data from CoAgMet La Jara Weather Station

9/6/2024

Today is

9/6/2024

This Year starts on

1/1/2024

Todays Julian Date is

249

Crop	Date Planted	Daily Crop Water use for				Accumulated Water Use (ET)				
		Dates Shown (inches/day)				From Latest Day Shown				
		09/05	09/04	09/03	09/02	2day	3day	4day	5day	7day
Moravian 69	04/05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moravian 69	04/20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moravian 69	05/05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Red Wheat	04/05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Red Wheat	04/20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Red Wheat	05/05	0.00	0.00	0.00	0.04	0.00	0.00	0.04	0.08	0.17
White Wheat	04/05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
White Wheat	04/20	0.02	0.04	0.05	0.05	0.06	0.11	0.17	0.23	0.36
White Wheat	05/05	0.03	0.07	0.08	0.08	0.09	0.17	0.25	0.33	0.51
Winter Wheat	10/01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Norkotah Potato	04/25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Norkotah Potato	05/05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Centennial Potato	05/05	0.06	0.13	0.15	0.15	0.19	0.34	0.49	0.63	0.95
Nugget Potato	04/25	0.05	0.11	0.13	0.13	0.16	0.29	0.43	0.56	0.85
Nugget Potato	05/05	0.06	0.15	0.16	0.16	0.21	0.37	0.53	0.69	1.03
Alfalfa	Estab.	0.08	0.19	0.20	0.20	0.27	0.47	0.67	0.87	1.28
Lawngrass	Estab.	0.07	0.17	0.18	0.18	0.24	0.42	0.60	0.77	1.14

For the latest recorded message, call 754-3494 extension 38 for La Jara, x40 (Center), and x36 (Center #2). Use the crop maturity and planting date closest to your own. The Internet address for this table is:

<http://potatoes.colostate.edu/wp-content/uploads/2023/05/etl.pdf>

Agronomist, Colorado State University Extension. For information on using the data, call 754-3494 x26 or e-mail andrew.houser@colostate.edu

Note: Weather stations used for ET calculations are located at Center (SLV Research Center), Center02 (7 mi NE of Center), and San Acacio La Jara. Use the weather station closest to the field for which you want the ET (crop water use).

Instructions: To determine amount to irrigate; add daily ET for each day since your last irrigation or significant rainfall..

Instructions: Add daily evapotranspiration (ET) for each day since your last irrigation.

This is the amount of water the crop has used. This amount plus 10-20% for efficiency must be added.

Totals for two, three, four, five, and 7-days are added for you.

Rainfall is not included. Subtract effective rainfall for each individual field. What is presented is the net amount of irrigation needed. Add 10 to 20% for irrigation inefficiency. You might add 20% for high pressure overhead sprinklers and add at least 10% for low pressure drop nozzles. In the early season, do not irrigate until the amount needed is at least 0.50 inches unless you are trying to keep the surface wet for emergence. Irrigating with small amounts wastes water as most of the water is lost to soil evaporation.