

LTER Irrigation Records Form

Date: 7/21/23

Goal Amount to Apply (Inch): 0.9

Start Time: 9:30 a.m.

End Time: 11:30 a.m.

Timer Setting: 20

Flow Meter Before Reading: 5344562.4

Flow Meter End Reading: 5390603.7

Average GPM on Flow Meter: 410

Gauge PSI on Irrigator: 20

Rain Gauge Totals (Inch):

1) 0.9 2) 0.95 3) 0.9

4) 0.2 5) 1.025 6) 0.85

Think we have an air pocket in the flow meter which causes the flow meter to work intermittently.

A minimum amount of was applied. The flow meter was working intermittently.

Total Gallons Applied: 46,041.3

Gauge PSI at Well Pump: 50

Rain Gauges Avg. (Inch): 0.925

Ave of 5 not 6.

rain gauge was cracked and so water was leaking out.

Weather Data at the Start:

Time: 9:25

General Overview: mostly sunny

Cloud Cover Percentage: 20%

Temperature: 67.2

Wind Speed(5 min avg. at 3 meters): 7.0 mph

Wind Gust: 11.92 mph

Wind Direction: North east

Relative Humidity: 82.4

Weather Data at the End:

Time: 11:40

General Overview: mostly sunny

Cloud Cover Percentage: 30%

Temperature: 73.0

Wind Speed(5 min avg. at 3 meters): 3.99 mph

Wind Gust: 12.45

Wind Direction: North

Relative Humidity: 63.0%

Log Data on to the Aglog and Excel Irrigation Scheduling Spreadsheet.