

LIRMS programming instructions.

Programming an irrigation cycle

1. Login to the lirms.tamu.edu website. Credentials: (username: lastname; password: lirms@lastname)
2. Click on “Program” weblink in the navigation menu. or follow this link here: <http://lirms.tamu.edu/program.php>
3. Select the controller you want to program. Ex: select “Dallas unit” for programming LIRMS installed at Dallas.

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Dallas unit: Irrigation settings!

Please fill in the settings as shown in the form below and then submit.

Plot ID: controlled ▼	Plot ID: lirms ▼
Start Time: <input type="text" value="MM/DD/YYYY/hh/mm"/>	Start Time: <input type="text" value="MM/DD/YYYY/hh/mm"/>
Pause Time: <input type="text" value="HHMM"/>	Pause Time: <input type="text" value="HHMM"/>
Effective-Irr Time: <input type="text" value="HHMM"/>	Effective-Irr Time: <input type="text" value="HHMM"/>
Max-Operation Time: <input type="text" value="HHMM"/>	Max-Operation Time: <input type="text" value="HHMM"/>

Settings not submitted
logged in

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4. Since only one plot is set to irrigate at a given time, fill in the irrigation settings accordingly. I would prefer starting with the “Controlled plot” and then go to the “LIRMS plot”. So the “starting time” for each should be separated with at least “Effective-irrigation time”. You have to fill in all the sections before you submit.

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Dallas unit: Irrigation settings!

Please fill in the settings as shown in the form below and then submit.

Plot ID: controlled ▼	Plot ID: lirms ▼
Start Time: 041020170859	Start Time: 041020170959
Pause Time: 0200	Pause Time: 0200
Effective-Irri Time: 0030	Effective-Irri Time: 0030
Max-Operation Time: 1000	Max-Operation Time: 1000

submit

Settings not submitted
logged in

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- After filling in all the irrigation settings accordingly, hit Submit. You will receive a message at the bottom of the page saying: “Will be Downloaded to the lirms in few seconds”.

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Dallas unit: Irrigation settings!

Please fill in the settings as shown in the form below and then submit.

Plot ID: controlled ▼	Plot ID: lirms ▼
Start Time: MM/DD/YYYY/hh/mm	Start Time: MM/DD/YYYY/hh/mm
Pause Time: HHMM	Pause Time: HHMM
Effective-Irri Time: HHMM	Effective-Irri Time: HHMM
Max-Operation Time: HHMM	Max-Operation Time: HHMM

submit

Settings:
{“cnt”:301,“id1”:1,“st1”:1491811140,“pt1”:7200,“et1”:1800,“it1”:36000,“id2”:2,“st2”:1491814740,“pt2”:7200,“et2”:1800,“it2”:36000}

Will be Downloaded to the lirms in few seconds
logged in

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Following the above steps, we can program an irrigation cycle