



Elixir

Smart Irrigation and Agriculture System

User Manuel

*This manual can be used for Elixir Portal version 1.0.0 and newer.



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1. General features

1.1. Access to Interface

Elixir is a web-based application. It can be accessed from <http://elixirapp.live/>

*Note: The browser recommended for Elixir is Chrome and Firefox, and the screen resolution is 1920 * 1080.*

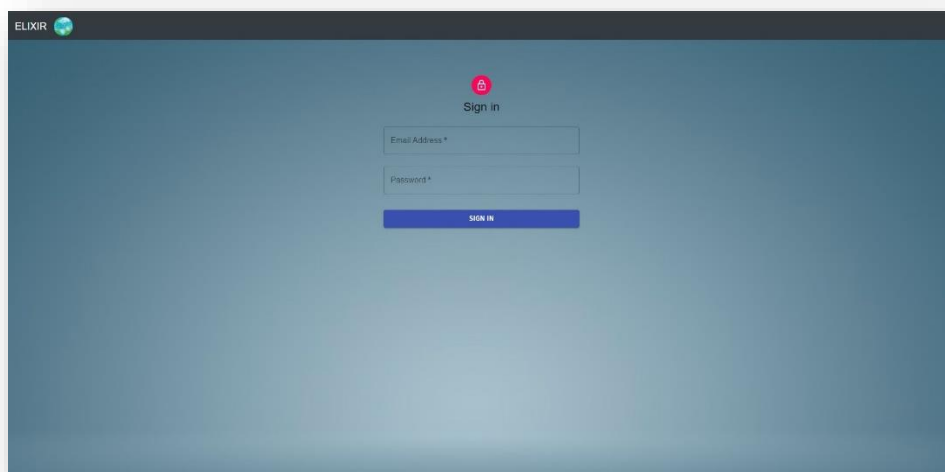


Figure 1: Login Page

1.2. Login

The user must enter their **Username** and **Password** and click the **Login** button to access Elixir



The login panel is a light blue rectangular box with a subtle drop shadow. At the top center is a red circular icon containing a white padlock. Below the icon, the text "Sign in" is centered. There are two input fields: the first is labeled "Email Address *" and the second is labeled "Password *". Both fields have a light blue border and a small blue eye icon on the right side. Below the password field is a solid blue button with the text "SIGN IN" in white, uppercase letters.

Figure 2: Login Panel

If the wrong **Username** or **Password** information are entered an error message will be given.

1.3. Logout

To Logout from Elixir, use the **Logout** button option located in the upper left part of the navigation bar.

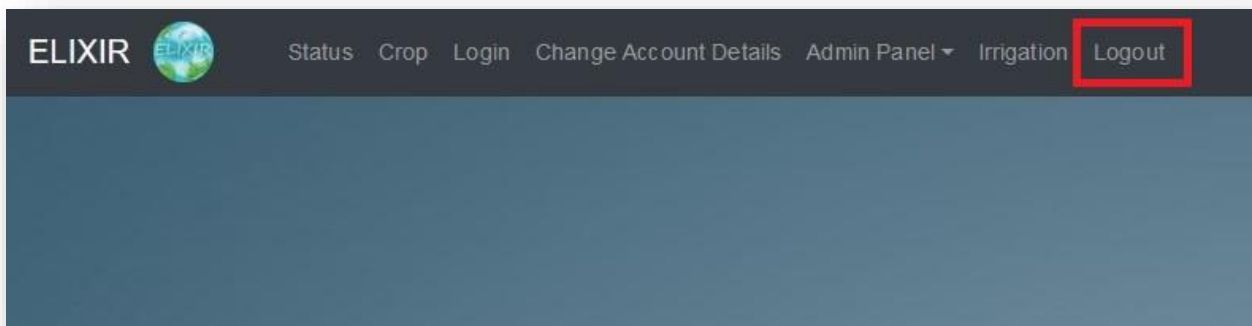


Figure 3: Logout Navbar Button



1.4. User Profile

To access the user profile page, use the **Change Account Details** option located in the upper left part of the navigation bar. Then click to access it.

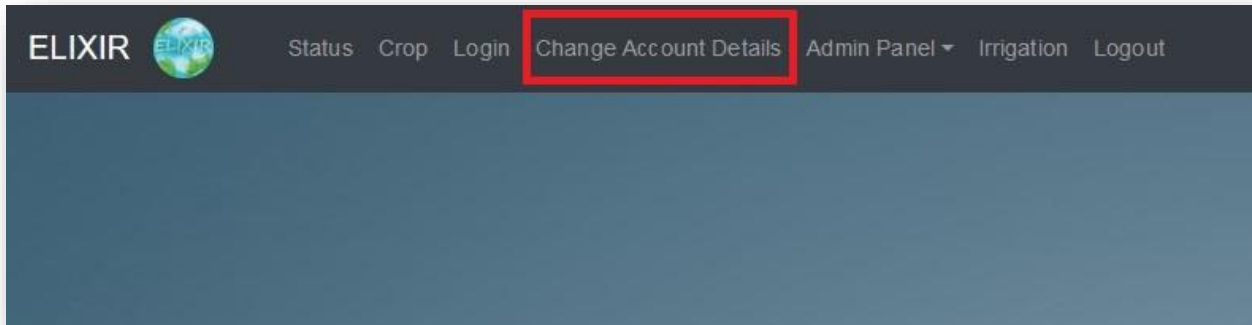
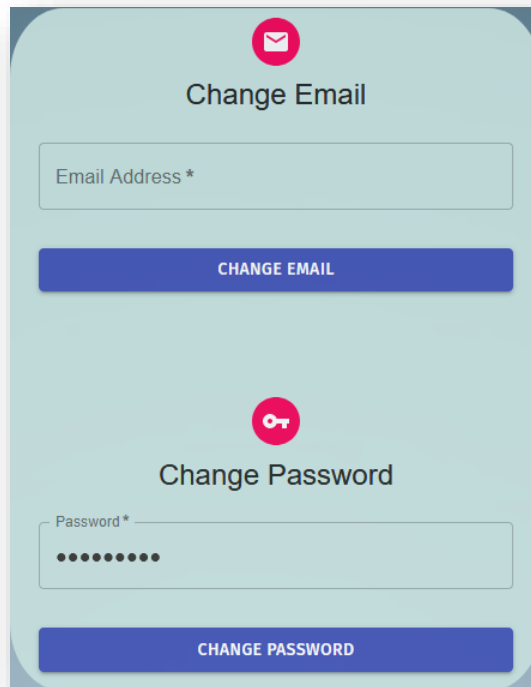


Figure 4: Access to Account Details

This section has two options **Change Email** and **Change Password**.



The screenshot displays a light blue rounded rectangular panel with a subtle drop shadow. At the top, there is a red circular icon containing a white envelope. Below this icon, the text 'Change Email' is centered. Underneath, there is a text input field with the placeholder text 'Email Address *'. Below the input field is a solid blue button with the text 'CHANGE EMAIL' in white, uppercase letters. Further down, there is a red circular icon containing a white key. Below this icon, the text 'Change Password' is centered. Underneath, there is a text input field with the placeholder text 'Password *' and a series of dots indicating a masked password. Below the input field is a solid blue button with the text 'CHANGE PASSWORD' in white, uppercase letters.

Figure 5: Options in Account Details

The user can change his/her password within this panel. To do this, enter the new password in the **New Password** fields. In order to change the password, the following criteria must be met:

- Password must contain at least 8 characters.
- Password must contain both numerical and alphabetical characters.

If these conditions are met the user will be able to change their passwords by clicking the **Change Password** button.

The password is not updated in the following situations and the user is warned:

- The new password does not meet the requirements.



2. Dashboard

Dashboard is an interface created to give general information to the user after logging to the system.

This page shows the last Current Temperature, Soil Moisture, Daily Temperature, Heat Stress Level, Frost Level, Pesticide Usage Info and Weather Forecast. The user can click on the charts to see more detailed information about the shown values.

The charts visualize the respected data for the last 5 days.

INSERT PICTURE HERE

Figure 6: Dashboard

3. Irrigation

To access the Irrigation page, use the **Irrigation** option located in the upper left part of the navigation bar. Then click to access it.



Figure 7: Manage Irrigation

To **Start** your irrigation system, click on the **START IRRIGATION** button.

To **Stop** your irrigation system, click on the **STOP IRRIGATION** button.



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