

# Hunter®

 **Hydrawise™ Ready**  
IRRIGATION CONTROLLERS

## Hydrawise Software/App Owner's Manual



[hydrawise.com](http://hydrawise.com)

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# Setting Current Date and Time

## Overview:

The location is synchronized after the settings are configured in the Hydrowise app. The time zone and forecast are **automatically** set when the location is entered during the app set up wizard process. In the event this setup needs to be changed or updated, we recommend editing the setting in the application under the **Weather Station** tab.

## Steps:

1. Login to the Hydrowise [account](#) <sup>[1]</sup> or [app](#) <sup>[2]</sup>.
2. Select on the **MENU**  icon on the upper left-hand side of the app. If accessing from a web browser, select the  icon on the upper right-hand side.
3. Select **CONTROLLER SETTINGS**.
4. Select **WEATHER STATIONS**.
5. Enter the **COMPLETE STREET ADDRESS**. The regional setting will automatically be updated to the correct timezone.

### Instructional Media Clip:



[Next Article - Set Up Basic Program](#) <sup>[3]</sup>

# Setting a Basic Program - Time Based


## Overview:

Standard Mode allows you to create traditional irrigation programs using Programs A, B, and C — just like Hunter X-Core® or Pro-C® controllers. This mode offers less flexibility than Hydrowise Advanced Mode. Key features include:

- Six programs available with six start times each
- Zones already labeled in the program for easier selection
- Once a zone is selected, the zone run time is visible
- Predictive Watering™ options that only apply to that program

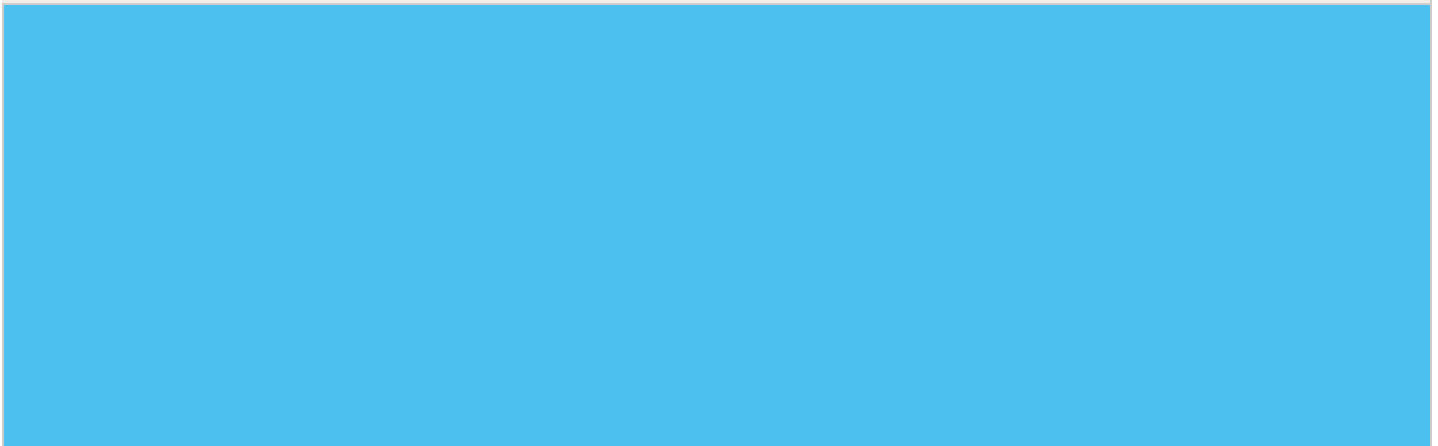
Time-based watering will water on specific days (unless delayed by rainfall or forecast rainfall) and will vary the watering length based on your watering triggers. The controller will use the Watering Triggers you've set to automatically adjust its watering schedule.

## Steps:

Click on **ZONES AND SCHEDULES** from the home dashboard, then select **PROGRAMS**. Scroll over to **ADD PROGRAM** and click on the  icon.

1. Enter in a **PROGRAM NAME**, then select the watering type **TIME BASED**. Click **NEXT**.
2. Choose the **WATER DAYS** (Blue means water). Options are listed below.
  - Specific days to water (most common)
  - Even or Odd day watering
  - Interval days - See article [here](#) <sup>[4]</sup> for details
3. Enter in **START TIMES** (Up to six max), then select **NEXT**.
4. Select **ZONES**. The edit box will only appear if you check the zone box. Add **RUN TIMES** using the up arrows in the box. When finished here, select **NEXT**.
5. Predictive watering adjustments - Adjusted based on your [water triggers](#) <sup>[5]</sup>
  - Monthly adjustments can be made using a chart as well. This will allow the run times set in a program to change by month as a global percentage (e.g; June 80%, July 90%, August 100%).
  - Click **OK** when adjustments are complete.

### Instructional Media Clip:








[Next Article - START TIMES](#) <sup>[6]</sup>

## Setting Start Times - Standard Mode

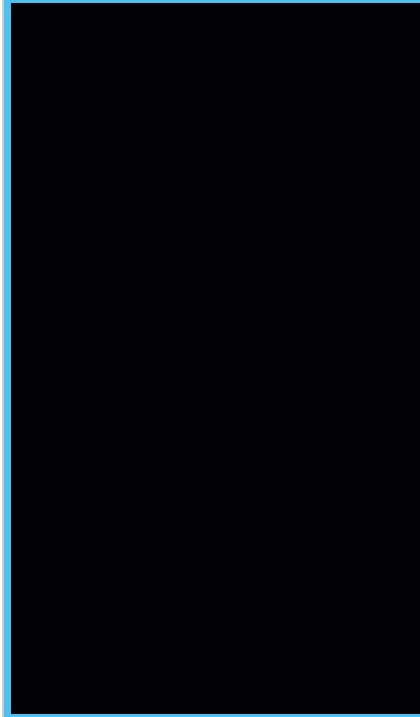
### Overview:

One start time will activate all stations sequentially in that program. Multiple start times in a program can be used for the separate morning, afternoon, or evening watering cycles. Start times may be entered in any order as the software will sort them based on the time of day.

### Steps:

1. Login to the Hydrowise [account](#) <sup>[1]</sup> or [app](#) <sup>[2]</sup>.
2. Select on the **MENU**  icon on the upper left-hand side of the app. If accessing from a web browser, select the  icon on the upper right-hand side.
3. Select **ZONES & PROGRAMS**.
4. Select **PROGRAMS**.
5. Select the  icon for the program that requires the change.
6. Select **NEXT** in the zone details.
7. Click inside the **START TIME** text box. Select a start time.
8. Select **OK** to save.

Instructional Media Clip:



[Next Article - Setting Run Times](#) <sup>[7]</sup>



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# Setting Station Run Times - Standard Mode

## Overview:

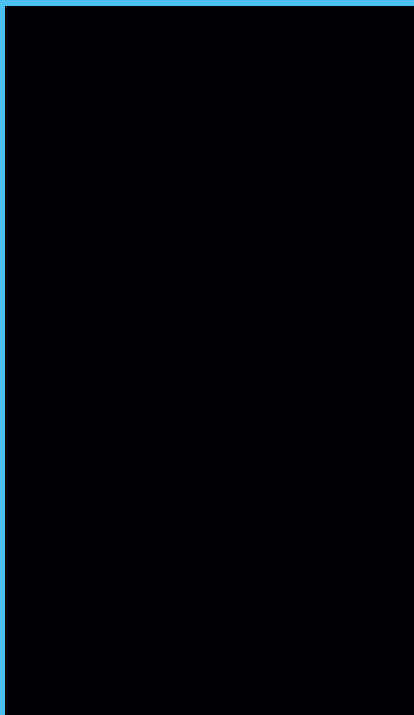
The Set Station Run Times mode allows you to enter a length of run time for each station assigned to a particular program. Each station that has a run time associated with a program will be activated and operate one after another sequentially with each start time for that program. If you choose to edit the **RUN TIME** for each station (zone) in **STANDARD MODE**, please review the steps and screenshots below to access this feature.

## Steps:

1. Login to the Hydrowise [account](#) <sup>[1]</sup> or [app](#) <sup>[2]</sup>.
2. Select on the **MENU**  icon on the upper left-hand side of the app. If accessing from a web browser, select the  icon on the upper right-hand side.
3. Select **ZONES & PROGRAMS**.

4. Select **PROGRAMS**.
5. Select the  icon for the program that requires the change.
6. Select **NEXT 2X** in the zone details.
7. Click on **SELECT ALL ZONES** so they appear in the selection bar to the right.
8. Enter the watering **RUN TIME** in minutes for each zone. Select **DONE**, then **OK** to save.

#### Instructional Media Clip:



[Next Article - Setting Water Days](#) <sup>[8]</sup>

## Setting Days to Water - Standard Mode

### Overview:

When using the **WATER DAYS** function, you can select the days you would like to water for each program independently. There are three options for choosing the days you want to water: selected days of the week, odd/even day watering, and interval watering.

### Selected Days of the Week Watering

This is the most commonly used method for selecting water days. Use this feature to water on specific days of the week (e.g., Monday, Wednesday, and Friday).

## Odd/Even Day Watering


Select this feature if you want to use numbered day(s) of the month for watering instead of specific days of the week (e.g., odd days: 1st, 3rd, 5th, etc.; even days: 2nd, 4th, 6th, etc.).

## Interval Watering

This feature is convenient if you want a consistent watering schedule without having to worry about days of the week or dates. The interval you select is the number of days between watering, including the water day (e.g., a 2-day interval will water every other day).

### Steps:

To edit water days or change the water day mode within a program, follow these steps:

1. From the Home dashboard, click on **ZONES & SCHEDULES**.
2. Click on **PROGRAMS**. Then select the  icon on the program you want to change.
3. Click on **NEXT**.
4. Select the desired water day option from the drop-down list.
  - **Selected Days of the Week** option
    - Blue indicates a water day, and clear icon indicates a no-water day. Click on the day that requires watering and the icon will turn blue.
  - **Odd/Even Day** option
    - Select odd to water on odd-numbered days. Select even to water on even-numbered days.
    - Restrict watering on a specific day to water (e.g., mow day).
  - **Interval Watering** option
    - Select an interval number, which is the number of days between watering, including the water day (e.g., a 2-day interval will water every other day).
    - Use the calendar drop-down to choose when you want the interval to start (e.g., a start date of June 10 with a 2-day interval will water on June 10, June 12, etc.).
    - Restrict watering on a specific day to water (e.g., mow day).
5. Select **OK**.

Selected Days of the Week

Program Name ▶ Start Times ▶ Run Times ▶ Schedule Adjustments

Watering Days

Select the days of the week to water

Selected Days of the week ▼

SN

M

T

W

TH

F

S

Start Times

Enter the times you want this program to start. You can add up to 6 start times

04:00 AM

🕒

+ Add Start Time

Cancel

< Prev

Next >

✓ OK

Odd/Even Day Watering



**Program Name** ▶ **Start Times** ▶ **Run Times** ▶ **Schedule Adjustments**

**Watering Days**  
Select the days of the week to water

Even Days ▼

Watering is restricted to the following days:

☒ SN
 ☒ M
 ☒ T
 ☐ W
 ☒ TH
 ☒ F
 ☒ S

**Start Times**  
Enter the times you want this program to start. You can add up to 6 start times

05:00 AM ⌚

+ Add Start Time

Cancel < Prev **Next >** ✓ OK

**Interval Watering**

**Program Name** ▶ **Start Times** ▶ **Run Times** ▶ **Schedule Adjustments**

**Watering Days**  
Select the days of the week to water

Interval watering ▼

Enter interval watering... days

Watering starts on 30th June 2020 ▼

☒ SN
 ☒ M
 ☒ T
 ☐ W
 ☒ TH
 ☒ F
 ☒ S

**Start Times**  
Enter the times you want this program to start. You can add up to 6 start times

05:00 AM ⌚

+ Add Start Time

Cancel < Prev **Next >** ✓ OK

# Setting Up Odd/Even Days for Watering




Hydrawise supports watering restrictions such as on odd or even days of the week. This feature uses a numbered day(s) of the month for watering instead of specific days of the week (e.g., odd days: 1st, 3rd, 5th, etc; even days: 2nd, 4th, 6th, etc.).

**IMPORTANT:** The 31st of any month won't be irrigated if **Odd** watering is selected. If the controller is not connected to the Hydrowise Software and runs Offline, the stations will run on the 31st if **Odd** days

are selected. February 29th will water if the **Odd** day option is selected.

Steps

Review the steps below to set up your schedule to water on **Odd** or **Even** days.

1. Sign in to your [Hydrawise account](#). <sup>[1]</sup>
2. Select the **Menu** icon () on the upper left-hand side of the app. If accessing from a web browser, click on the () on the upper right-hand side.
3. Select **Programs**. If you are using the [advanced mod](#) <sup>[9]</sup>[e](#), select **Program Start Times**.
4. Select the **Edit** icon () under the desired program.
5. Select **Next**.
6. Using the **Watering Days** dropdown, select **Odd** or **Even**.
7. Select **Ok** to complete.

**IMPORTANT:** Every day must be selected and highlighted in Blue unless there is a day restriction (e.g., gardner scheduled, maintenance day, etc.). If an Odd/Even day lands on a day not in Blue, you will not see watering for two more days.

Program Name

Start Times

Run Times

Schedule Adjustments

Watering Days

Select the days of the week to water

Odd Days

Watering is restricted to the following days:

SN

M

T

W

TH

F

S

Start Times

Enter the times you want this program to start. You can add up to 6 start times

5:00 am

+ Add Start Time

Cancel

< Prev


Next >

✓ OK

# Setting a Program - Virtual Solar Sync

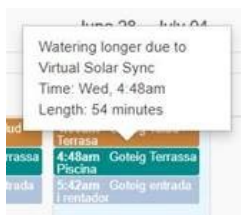
This operates the same way as the Hunter **SOLAR SYNC** by adjusting the run time per zone. It uses daily ET from your selected weather stations instead of on-site ET so it does not require on-site Solar Sync sensor installation. If no weather station ET is available, then it will fall back to using forecast ET and historical ET. The virtual Solar Sync makes its adjustments based on the rolling average of the last three days of data.

Please view the steps and screenshots to access this feature:

Click on **ZONES AND SCHEDULES** from the home dashboard, then select **PROGRAMS**. Scroll over to **ADD PROGRAM** and click on the  icon.

1. Enter in a **PROGRAM NAME**, then select the watering type **VIRTUAL SOLAR SYNC**. Click **NEXT**.
2. Choose the **WATER DAYS** (Blue means water). Options are listed below.
  - Specific days to water (most common)
  - Even or Odd day watering
  - Interval days - See article [here](#) [4] for details
3. Enter in **START TIMES** (Up to six-max), then select **NEXT**.
4. Select **ZONES**. The edit box will only appear if you check the zone box. Add **RUN TIMES** using the up arrows in the box. Set station run times for **PEAK** summer watering. For assistance on establishing correct run times for your system, see [run time calculator](#) [10]. When finished here, select **NEXT**.
5. Set Predictive watering adjustments - Adjusted based on your [water triggers](#) [5]
  - Monthly adjustments can be made using a chart as well.
  - Click **OK** when adjustments are complete.

**IMPORTANT:** When the Virtual Solar Sync is making adjustments, you will see this in your **REPORTS** tab. Click on the zone and one of two Virtual Solar Sync messages will appear.



## STEP 1

**Program Name** ▶ **Start Times** ▶ **Run Times** ▶ **Schedule Adjustments**

**Program Name**  
Enter program name

**Program Type**  
☐ Time Based Schedule ☒ **Virtual Solar Sync**  
Automatically adjust program run length based on daily evapotranspiration (ET)

## STEP 2-3

Program Name ▶ Start Times ▶ Run Times ▶ Schedule Adjustments

### Watering Days

Select the days of the week to water

Selected Days of the week



### Start Times

Enter the times you want this program to start. You can add up to 6 start times

04:00 AM

+ Add Start Time

Cancel

< Prev

Next >

✓ OK

## STEP 4

Program Name ▶ Start Times ▶ Run Times ▶ Schedule Adjustments

### Select Zones

Please select and enter run length for the zones you want to apply to

[Select All Zones](#)

☒ Front Grass

☒ Street Landscape

☒ Front Landscape

☒ Back Landscape

☒ Back Grass

☐ Zone 6

☐ Zone 7

☐ Zone 8

20 minutes

30 minutes

10 minutes

30 minutes

30 minutes

Cancel

< Prev

Next >

✓ OK

## STEP 5

Program Name ▶ Start Times ▶ Run Times ▶ Schedule Adjustments

### Predictive Watering™

Adjust watering based on the following triggers

⚙ Don't water when:

☒ Forecast below 60°F

☒ Wind above 9mph

☒ 80%+ chance of rain

☒ 0.1in+ rainfall last day

☒ 2.4in+ rainfall last 7 days

[Edit monthly adjustments \(advanced\)](#)

Cancel





< Prev

Next >



✓ OK

# How to Add, Edit, and Customize Zones

The **ZONES** section allows you to configure zone names, set zone icons and images, view zone details, set up Cycle & Soak, fine-tune your watering, and configure a master valve if one is installed.

ZONE ICON	DESCRIPTION
	Use this function to see an overview of when your system will water and for how long.
	Use this function to make changes to an existing zone like icons, zone names etc.
	Use this function to add a photo for referencing the zone. See links for details on <a href="#">mobile</a> <sup>[11]</sup> and <a href="#">desktop</a> <sup>[12]</sup> .
	Use this function to delete the configured zone and all included information.

The steps and screenshots below show how to add, edit, and customize zones.

1. Click on **ZONES & SCHEDULES** from the home Dashboard. Then select **ZONES**.
2. If you have a master valve or pump start relay, select **YES** to enable it. Visit this [section](#) <sup>[13]</sup> for more configuration details.
3. Select the  button to add a **NEW** zone. Click the  icon to edit an existing zone.
4. Choose a **ZONE NAME** (e.g., Front Yard).
5. Choose a **ZONE NUMBER** (e.g., If the front yard is wired to zone one in the controller, select ZONE 1).
6. Choose the **ICON** for your zone. If an image is assigned to zone, that icon will also appear here.
7. Choose whether you want to enable the [CYCLE & SOAK](#) <sup>[14]</sup> feature.
8. Finally, the **ADVANCED** setting lets you select a **WATERING ADJUSTMENT** as a percentage (e.g., you can set the zone to water 10% less of that run time).

Step 1

## Zones & Schedules

Zones

Programs



### Front Grass

Zone 1



#### Run Length

20 mins in Home Program



#### Cycle & Soak

Disabled



## Step 2

Configure zone names, icons and images

Master valve:

Not assigned



### Front Landscape

Zone 3



#### Run Length

10 mins in Home Program



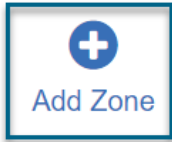
#### Cycle & Soak

Disabled



## Step 3





## Step 4-6

Zone Details ▶ Cycle & Soak ▶ Advanced

### Zone Name

Assign a name for this irrigation zone

Enter zone name

### Zone Number

Choose the zone number that this zone is wired to on your Hunter controller

Not assigned

### Zone Icon

Choose the icon you want to see on the dashboard for this zone



Cancel

< Prev Next > OK

## Step 7

Zone Details ▶ Cycle & Soak ▶ Advanced

### Cycle & Soak

Cycle and soak reduces runoff from each zone by pausing an irrigation cycle ⓘ

- ☒ Do not enable cycle and soak  
☐ Enable cycle and soak

Cancel

< Prev Next > OK

## Step 8

Zone Details ▶ Cycle & Soak ▶ Advanced

### Master valve

- ☒ Use Global Master Valve Setting ☐ Disable Master Valve

### Water Adjustment

Fine tune your watering if your zone appears to be too dry or wet



Cancel

< Prev Next > OK

# Changing Run Times in Standard Mode

If you need to edit the **Run Time** for each station (zone) in **Standard Mode**, review the steps below to access this feature. The following fields are also available:

Time and Frequency	
Program Name	Choose the program name and program type.
Start Times	Choose the water days and up to six start times.
Run Times	Choose the number of minutes each zone will run for each start time. Run times must be from 1 min to 23 hrs and 59 mins.
Schedule Adjustment	Choose how to adjust the watering time based on your weather triggers.
Monthly Adjustment	Monthly adjustments can be made using a chart as well. This will allow the run times set in a program to change by month as a global percentage (e.g.; June 80%, July 90%, August 100%).

## Edit Run Times

1. Sign in to your [Hydrawise account](#). <sup>[1]</sup>
2. Click on **Zones** at the bottom of the app or **Zones and Programs** on a web browser from the home dashboard.
3. Select **Programs**.

4. Select the (📝) icon for the program that requires the change.
5. Select **Next 2X** in the zone details.
6. Click on **Select All Zones** to appear in the right selection bar.
7. Enter the watering **Run Time** in minutes for each zone.
8. Select **Done**, then **Ok** to save.

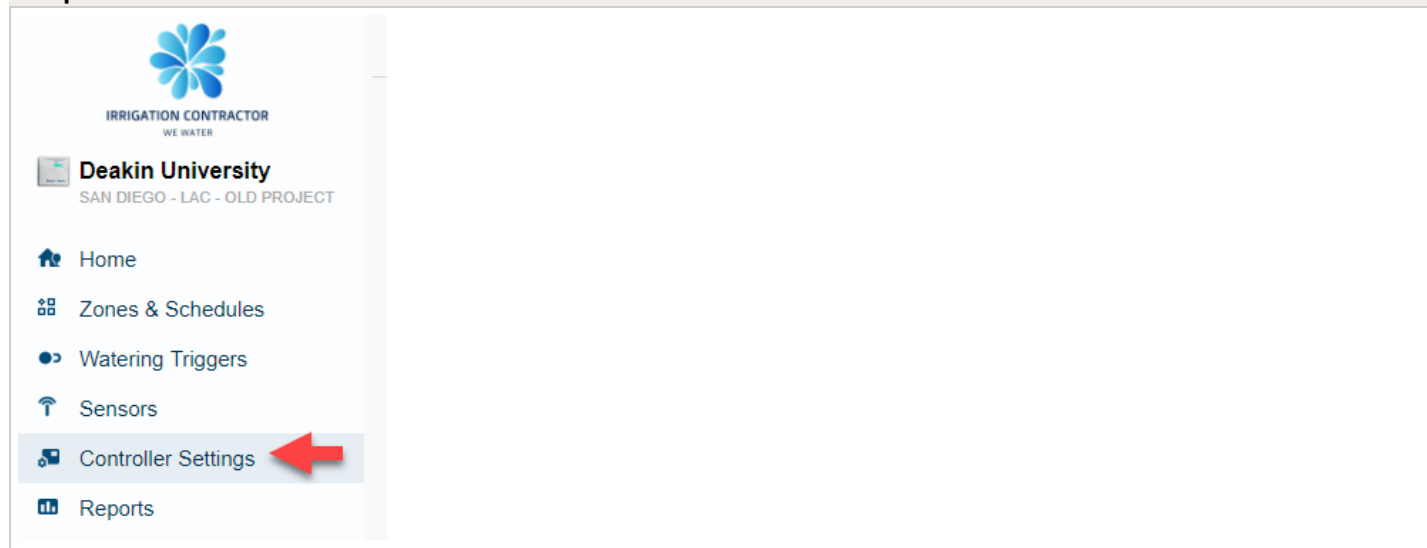
## How to Change to Advanced Mode

The steps and screenshots below describe how to change the programming mode on your controller:

1. Select **CONTROLLER SETTINGS** from the home Dashboard on the left-hand side.
2. Once the configuration screen has loaded, click the (📝) icon to edit the mode.
3. After you enter the desired mode for your controller, click "OK."

For more information on comparing the two different programming modes, click [here](#) <sup>[15]</sup>.

### Step 1



### Step 2

## CONTROLLER

NAME	Deakin University
SERIAL NUMBER	virt1112 <a href="#">Remove Serial</a>
STATUS	Linked
MODEL	Pro HC 12 Station Controller
INSTALL DATE	Wed, 27 Feb 19 17:35:25 +0000 <a href="#">Start Wizard</a>
SOFTWARE	
PROGRAMMING MODE	Advanced mode

### Step 3

#### Edit Controller Settings

##### Name

Deakin University

##### Model

Pro HC 12 Station Controller [Change](#)

##### Programming mode

Advanced mode

Create irrigation schedules with Hydrowise programming utilising  
Program Start Times and Zone based programs

[Cancel](#)

[OK](#)

# How to Use a Grow In Program

Establishing new turf or plants can sometimes require a special watering program. It is typical to use a **GROW IN PROGRAM** for several waterings per day for the first few weeks. This will ensure that the new turf sod does not dry out and is established into the soil.

The Hydrowise Grow In Program provides a **Standard Mode Program** that allows for custom runtimes, watering triggers, rain sensor activations, multiple start times all with a defined start and end date. This makes it easy to set up a new turf or sod program, then will automatically switch to a normal program on the calendar day selected.

For information on changing to **Standard Mode**, [click here](#) <sup>[16]</sup>.

**Important:** A Grow In Program does not stop additional programs from running as they will run in conjunction with one another. If you want to use a Grow In Program (e.g; new turf), with multiple start times, and want it to finish on Monday the 19<sup>th</sup>, then you set the **End Date** for the 19<sup>th</sup>. If you want a more permanent program to take over on the 20<sup>th</sup>, then you set up an additional program to start on the 20<sup>th</sup> with **No End Date**.

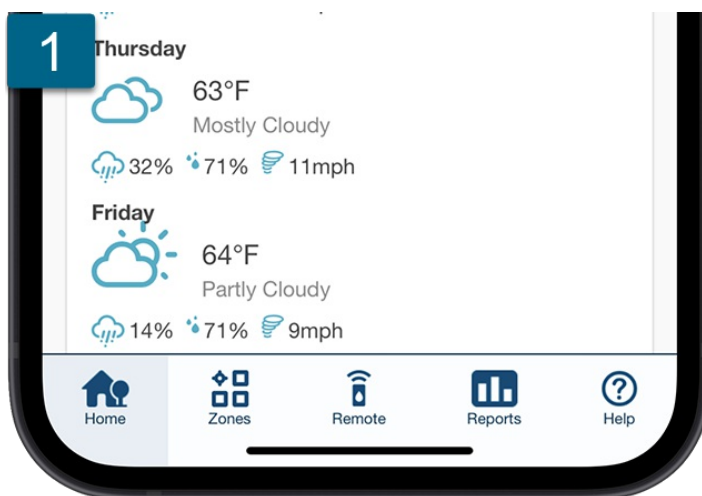
#### 📌 Grow In Program


Specify a start or end date for this program (optional)

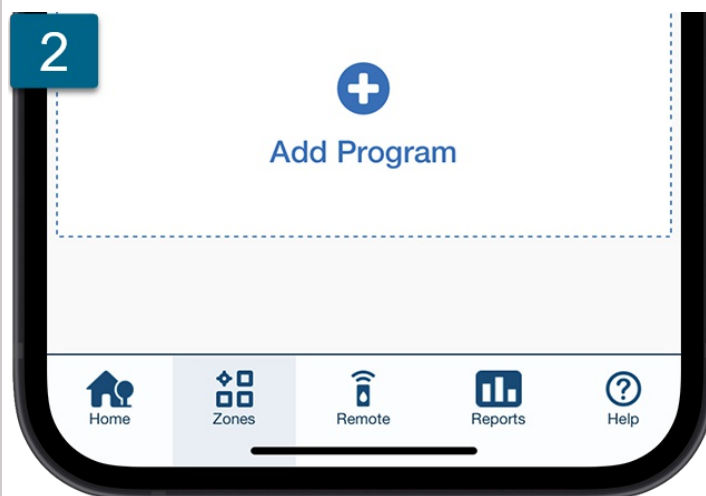
☒ Start this program on July 20 2021 ▼


☐ Stop this program on August 15 2021 ▼

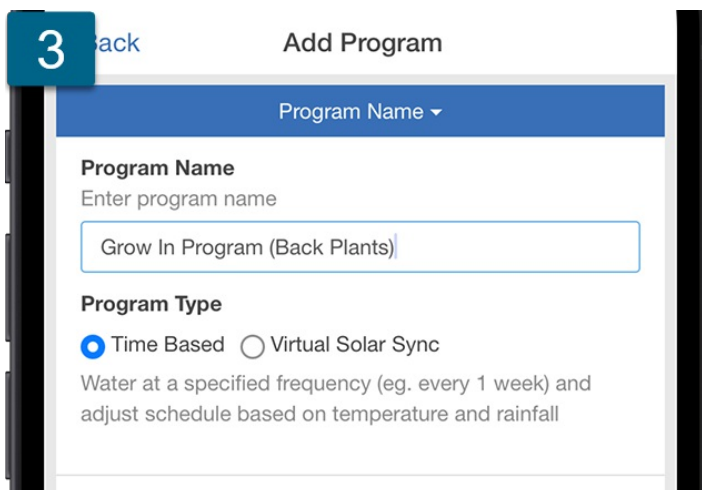
### Instructional Steps



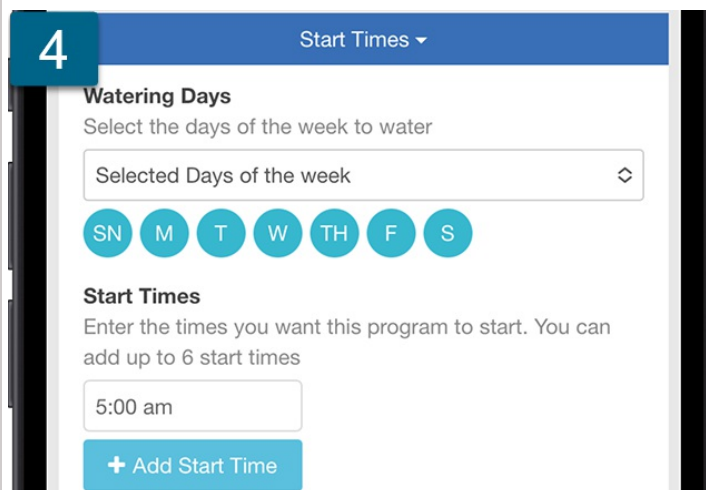
Sign in to your **Hydrawise** [account](#) <sup>(1)</sup>. Select the (  ) zones icon at the bottom of the app. Select **Zones and Programs** if using a PC.



Select **Programs**. Add a new program by selecting the (  ) icon.



Enter in a **Program Name**, then select the



Choose the **Water Days** (Blue means water). Options are listed below.

watering type **Time-Based**. Click **Next**.

- Specific days to water (most common)
- Even or Odd day watering
- Interval days - See the article [here](#) [4] for details

Enter in **Start Times** (Up to six-max), then select **Next**.

Select **Zones**. The edit box will only appear if you check the zone box. Add **Run Times** using the up arrows in the box. When finished here, select **Next**.

Predictive watering adjustments - Adjusted based on your [water triggers](#) [5]

- Monthly adjustments can be made using a chart as well.
- Select **Ok** when adjustments are complete.

Select **Grow In Program**. Choose a start and stop period that the program will run. You also have the option to bypass the sensor as well.

- Start a Program on a certain day
- Stop a Program on a certain day