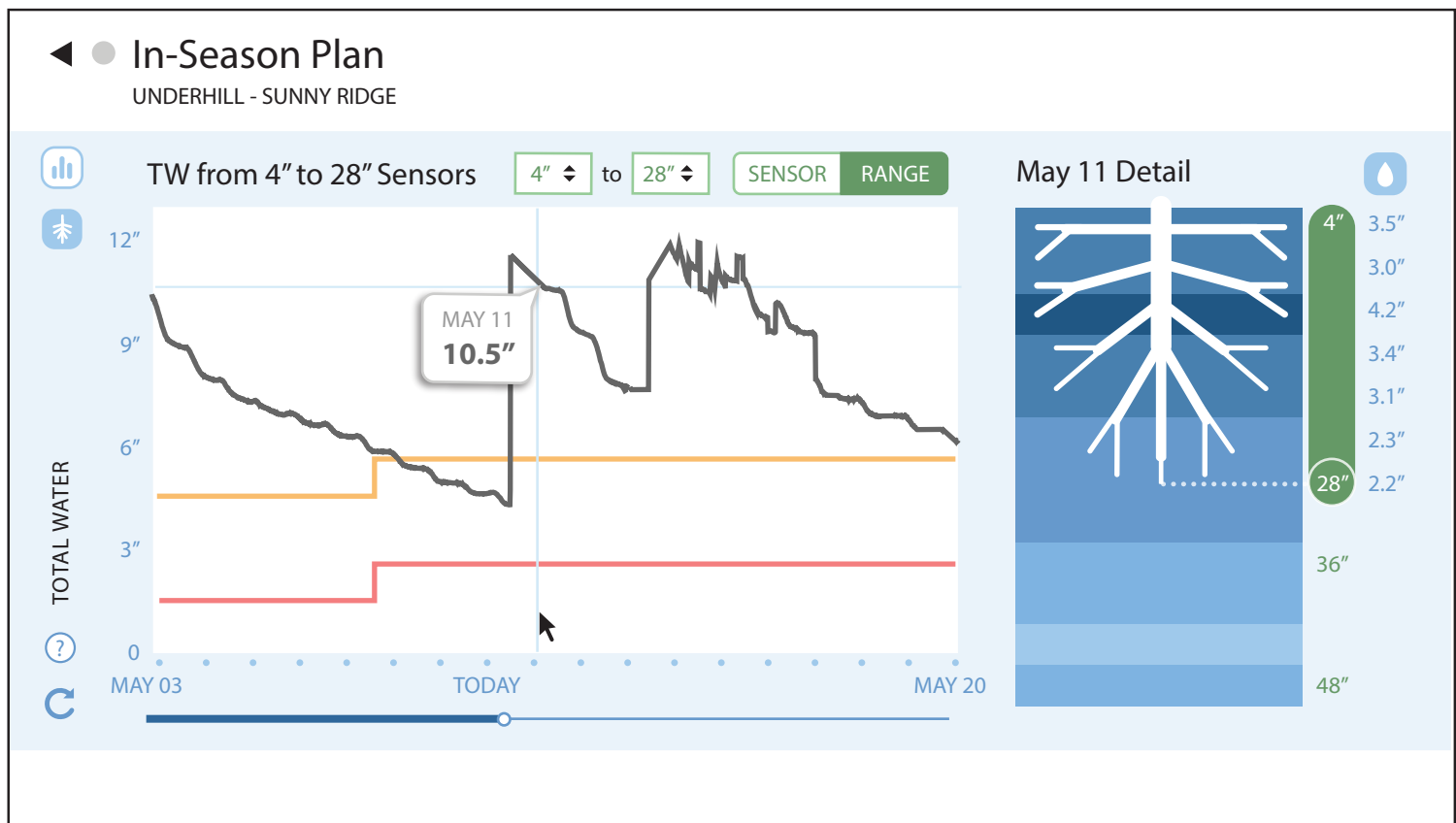


In-Season Available Water by Soil Depth, Depth Range Selected



Total Water Depth Selection

Growers will use the selection menu above the line graph to decide whether they wish to see the sum of TW within a range of sensors or the TW at a single sensor point. The default selection will be the range between the shallowest sensor (4") and the sensor at the full root depth for the date selected by the time slider.

Time Slider

The default date of the time slider is the date selected on the Water Balance time slider. The Soil Depth time slider behavior is similar to the Water Balance time slider. One difference is that the soil depth slider has a cross-hair, since uptake measurements are more granular than a single day. The hover bubble will not include a time stamp, but it will include a date. The user does not have to hover or click precisely on the graphed line to see a result. The x-axis position of any click or hover will deliver a hover-bubble result. The bubble corner will appear at the intersection of the graphed line and the cursor's x-axis position.

Weather Markers

Since precip inclusion is not editable from this chart, precip markers will not be visible.

Root Chart

On the root chart a dotted line indicates active root depth. The actual depth of the root illustration indicates full root depth. There may be some cases where full root depth will exceed active root depth. Hovering on the label (pictured in a white circle here) will cause a more explicit label, ACTIVE ROOT DEPTH, to display.

Single Sensor Moisture Markers

Clicking a droplet icon in the upper right corner will display sensor readings for each unique sensor.

note: please ignore the fact that the displayed individual sensor figures don't sum to the line chart figure.

Refill and Stress Lines

Refill and Stress lines will ONLY appear when RANGE is toggled to display the full root depth. These lines will disappear when any other range is visible.

Data Update

Probe data will automatically update at regular to-be-decided intervals. A user can trigger an update at any time by clicking the update icon in the lower left corner. While the update is in progress, the icon will spin.

In-Season Plan

UNDERHILL - SUNNY RIDGE

TW at 12" Sensor

12" SENSOR RANGE

MAY 03 TODAY MAY 20

MAY 11
4.2"

May 09 Detail

12"
24"
28"
36"
48"

The figure displays two main components of the In-Season Plan dashboard. The left component, titled "TW at 12" Sensor", features a line graph showing total water over time from May 03 to May 20. The y-axis ranges from 0 to 5 inches. A callout box highlights a value of 4.2 inches on May 11. Above the graph are controls for the sensor range, currently set to 12". To the right, the "May 09 Detail" section shows a vertical cross-section of the soil profile with roots. Depth markers are provided in inches: 12", 24", 28", 36", and 48".

When the user toggles to SENSOR on the line chart, the y-axis values will adjust to an appropriate scale. Since the scale will be smaller, it will be possible to assign a fixed blue shade to each inch measurement. These blue shades will match the blue color-coding of the depth bars on the root chart.