

The **SFA32** is the first full-featured state of the art system for monitoring fertilizer on your planter or your side dressing applications. Precision flow meters on each run give you instantaneous feedback on this critical operation!

Why would you trust the vital application of your Starter Fertilizer to floating plastic balls? The **SFA32** gives the operator an instant and on-going in cab visual indication of your Starter Fertilizer or Side Dressing applications. This integrated system consists of ... in cab **Display** ... a **Flow Meter** for each Row (up to 32) ... Mounting **hardware** for the Flow Meters & robust **harnessing**.



The SFA has numerous features but some of the more important ones include:

- 7 Inch Color Touch Screen Display for ease of viewing & screen navigation
- Display gives instant visual indication for each row (on target, low, high)
- Gallons per acre is displayed for each row
- Displays both field & total gallons applied
- Bar graph for each row for ease of recognizing partial plugs & inaccurate applications
- Display will alarm & bar graph turns red anytime flow rate drops below 50% of normal application rate
- Monitors up to 32 rows of flow
- Readout of MPH plus 3 separate acre counters
- If a flow meter plugs, the display will show both visually and by audio alarm which meter has a problem



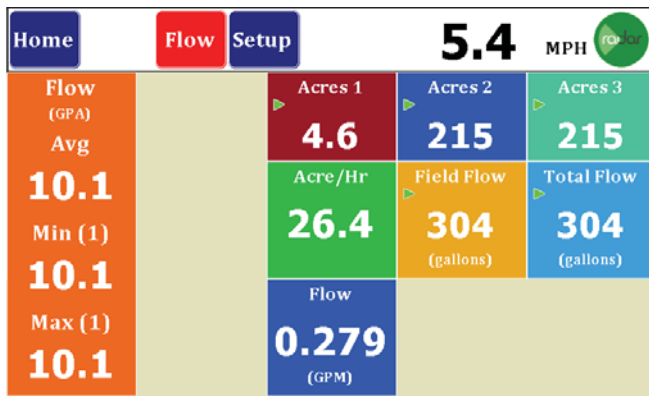
Precision Flow Meters

Note: The SFA can also be used as a stand alone Planter Monitor or as a combination Flow Meter/ Planter Monitor unit!

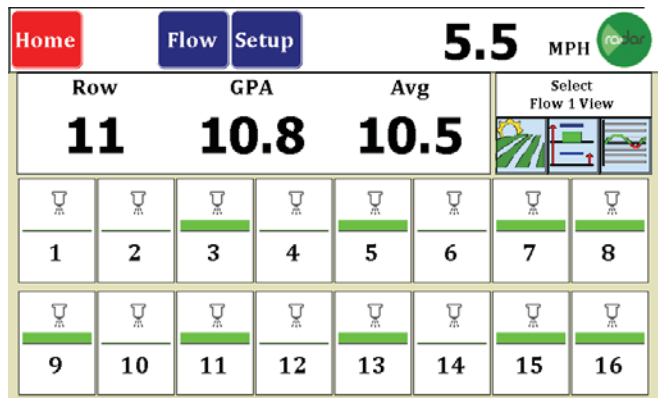
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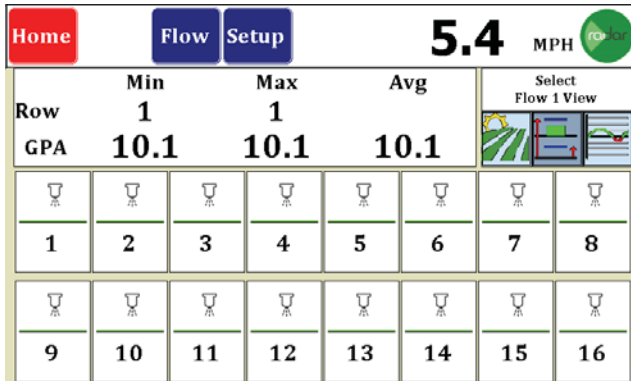
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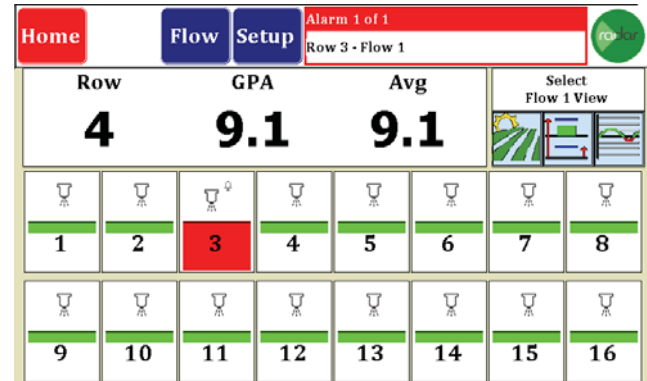
Normal Operation Screen



Row 11 Operation Screen



Min-Max-Avg Screen

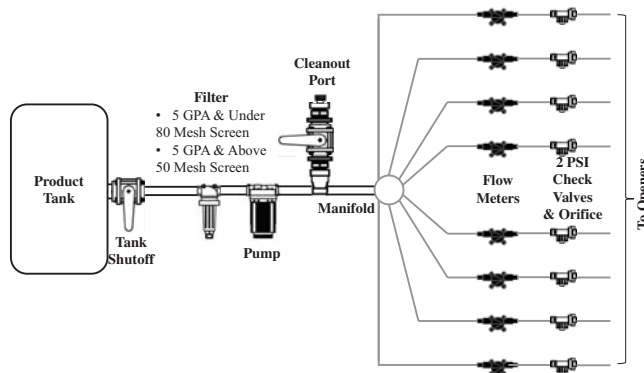


Row 3 Failure Screen

Additional SFA Features

- Actual gallons per acre in total
- Average gallons per acre applied
- Min-Max-Avg option
- Bar graph also gives instant visual indication of side by side flow meter performance
- Display for average gallons per minute
- Display for 2 different GPA rates for both popup & side by side applications (16 rows each)
- Radar & GPS compatible for speed source
- Adjustable alarm volume
- Adjustable backlight brightness for day and night operation
- When all flow is stopped (headlands) Alarm sounds for 5 seconds and then shuts off
- System can monitor Seed Population plus Fertilizer Flow for dual purpose unit.

Typical Plumbing Diagram



Flow Meters in a Bracket

Flow Meter Specifications:

Part Number	GPM Range	Pulses Per/Gallon	Gal/ Per Acre approx.
AE6663	.013 - .132	60600	2 - 4
AE6664	.032 - .400	26900	5 - 15
AE6667	.053 - 1.189	13250	13 - 20
AE6665	.08 - 2.65	4550	16 - 70