

# Smart Boom Controller

Total control over how, when, and where water is applied



The **NEW AdeptAg Smart Boom Controller** brings modern, connected controls to boom irrigation, replacing outdated text-based systems with a visual, intuitive interface operators can learn in minutes. With a marine-grade outdoor display, auto-correcting position tracking, and remote access from any browser, operators spend less time at the panel and more time managing their crop.

## BUILT FOR EVERY OPERATION RUNNING A BOOM

### Single-Crop Operations

One boom, one schedule, one zone.  
Set it up once and it runs.

### Multi-Crop and Multi-Zone

Multiple crops under one boom,  
each with its own schedule and  
zone rules.

### Multi-Range Operations

Dozens of booms across multiple  
ranges — adjust without walking  
the greenhouse.

## WHY CHOOSE THE SMART BOOM CONTROLLER

### Everything Is Named, Not Numbered

No more figuring out what Relay 3 does. Every parameter labeled in plain language — mist, drip, zone soak, boom speed.

### The Boom Always Knows Where It Is

Sensors at every span confirm position automatically. No drift, no missed zones — the boom corrects itself.

### Check It From Your Phone

See what the boom is doing or make changes from any device on the network. Same screen as the panel.

### Set Up Irrigation Rules in Minutes

Step-by-step guided setup walks operators through schedules. No manual, no programming — follow the prompts.

### Built to Survive the Greenhouse

Industrial screen rated to 65°C, sealed (IP65/IP67), readable in direct sunlight. Built for the greenhouse.

### See How Well Your Boom Is Running

Built-in performance tracking shows uptime, efficiency, and irrigation quality over time.

## SYSTEM CAPABILITIES

12

### Valves

Control up to 12 valves per controller — handles multiple application types across the full bay.

40

### Zones / Row

Define up to 40 zones in a single row, giving precise control over where and how water is applied.

8

### Rows

Split the greenhouse bay into up to 8 rows, each with its own zone layout and watering treatment.

20

### Schedules

Build up to 20 independent schedules, each with up to 20 intervals — covers every crop and time of day.

20

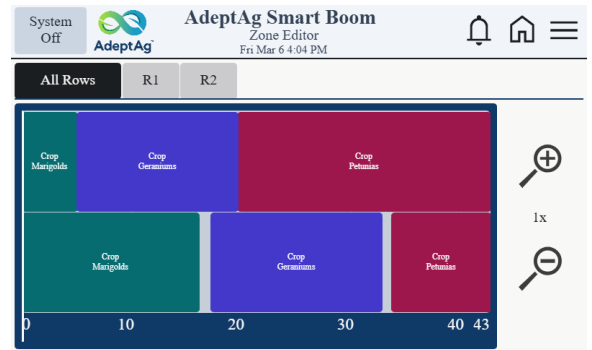
### Crops

Group zones by crop type — up to 20 crops — so similar zones share the same watering rules.

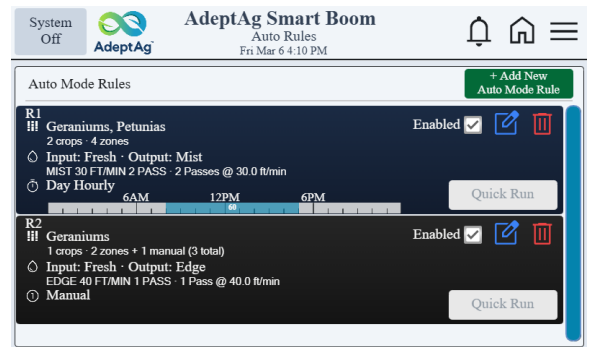
50

### Auto Rules

Set up to 50 automation rules that trigger based on conditions, time, or events — irrigation runs itself.



Zone Editor



Auto Mode Rules

## WARRANTY + SUPPORT

5 Years

Screen, Sensors, and Controls

3 Years

Drive System

### Single Source

One call to AdeptAg - we stand behind the entire system

**AdeptAg+ Connect included free — live boom status, alarms & basic dashboard from day one**

## COMMON QUESTIONS

### Does it work with non-AdeptAg booms?

Yes - control upgrade for any AC motor boom, including Cherry Creek and GTI equipment.

### How long does it take to learn?

Most operators comfortable in a single session. Visual touchscreen, plain language — no manual needed.

### What if the internet goes down?

All programs run locally. Internet enables remote access but schedules keep running regardless.

### Can I run different programs per crop?

Yes. Up to 40 zones per row grouped by crop type. Different crops, different schedules, one controller.