AGROSOURCE GROUP





ECO_2MIX provides water pH control with CO_2, replacing sulfuric acid and sulfur burners with a safer, non-corrosive solution that enhances soil health.

Why Switch to ECO_2MIX?

- **Superior Technology:** ECO_2MIX Dissolves CO_2 in Irrigation Water (DCIW) to create carbonic acid with a feedback loop for consistent pH control. pH is maintained even when switching water sources and flows. ECO_2MIX fully dissolves CO_2, making it efficient and cost-effective.
- **Safety & Simplicity:** Activates automatically with water flow and or/ pressure. Monitor pH on the ECO_2MIX screen and turn it off with one button.
- **Proven Performance:** Operating in permanent and row crops across California, conventional & organic.
- **Regenerative & Sustainable:** ECO_2MIX is the same as rainwater, safe, and improves soil health.

Information Needed for a Proposal (per Pump Station)

- Current Water pH
- Alkalinity
- Water Flow (GPM)
- Acreage
- Annual Water Volume (ac/ft)
- Site Location
- Crop Type
- Farming Method (Conventional/Organic)
- Need for Mobile Skid (Yes/No)

Cost varies based on the above factors. Final cost includes the full service, installation, CO_2, maintenance, and calibration.

Why Control Your Water pH?

Maintaining proper pH keeps drip emitters clean, prevents scale buildup, and optimizes nutrient uptake, leading to healthier crops. ECO_2MIX provides benefits to water efficiency by improving infiltration and reducing runoff. It also boosts soil health by increasing soil organic matter, microbial activity, and stimulating glomalin (aggregation) production.

Contact us for a proposal

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	ECO_2MIX	Sulfuric Acid Injection	Sulfur Burners
Operation	Automatic feedback loop determining injection rates, non-corrosive, regularly calibrated	Generally operates with set injection rates, corrosive, high maintenance and repair costs, dangerous acid storage	Manual operation, corrosive, irritating smoke
Maintenance	Probes calibrated every 6-8 weeks, remote monitoring	Regular monitoring, calibration, leak and corrosion checks	Regular monitoring, corrosion checks
Initial Investment	No upfront investment	$15,000+	$30,000+
Input Costs	Monthly cost that includes CO_2, servicing	Sulfuric acid	Sulfur inputs
Energy Costs	1 HP motor	Minimal	15+ HP motor
pH Control Benefits	Prevents scale, improves distribution uniformity and nutrient uptake	Same	Same
Soil Health Benefits	Increases infiltration, SOM, aggregation, microbes; reduces EC	Neutral or negative impact, high hyper-acidification risk	Neutral or negative impact, high hyper-acidification risk
Compatibility	Conventional & Organic	Conventional	Conventional & Organic