

BRAWNDO TS

Data Sheet

TERRA VERA

The Brawndo TS is an onsite generator of oxidants using only salts, amino acids, water, and electricity

The Brawndo produces 2 gallons (7.5 liters) of oxidant solution that can replace many traditional pesticides and fertilizers. The premium reactor cell ensures a long life in agricultural conditions with a wide tolerance of inputs. The system comes with a 1-year warranty and is made in the USA.



CYCLE LENGTH
Less than 2 Hours



AFFORDABLE AND EASY TO USE OUT OF THE BOX



MAKES READY TO USE SOLUTIONS IN UNDER 2 HOURS



LOW UTILITY REQUIREMENTS - LOWER CARBON FOOTPRINT



FRESH SOLUTIONS ON DEMAND - REDUCE WASTE

TECHNICAL DATA

Part Number: Brawndo TS

Rated Capacity: 0.6 lbs/day | 0.3 kg/day

Electrical Service Requirement: 110 or 220 VAC, 1 ph, 1.5A (AC), 50/60 hertz

Air Temp. Requirement: 42°-110° F | 6°-43°C

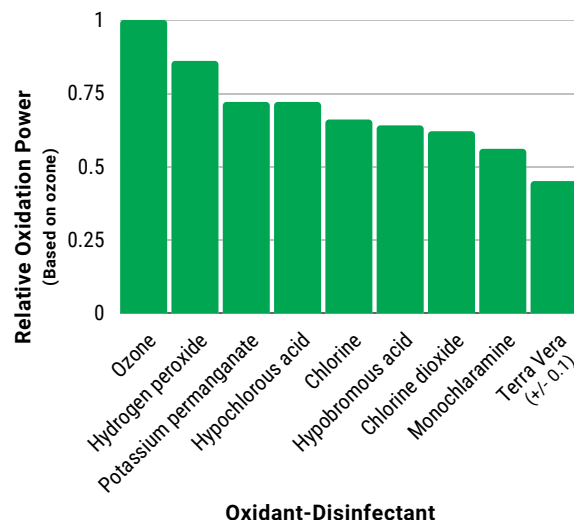
Recommended Feed Water Temp.:* 55°-80° F | 12°-27°C

*Performance may vary depending on water quality and water temperature



WHAT IS AN OXIDANT?

An oxidant is a chemical species that removes one or more electrons from another reactant in a chemical reaction. Many oxidants have been proven to be reliable disinfectants and widely used in water treatment and surface sterilization across the world.



HOW TO OPERATE

1. Fill the Brawndo Tank to the fill line with low hardness water (reverse osmosis, distilled, or softened water preferred)
2. Add 1 packet of ELMNTs and stir until dissolved
3. Re-attach the Reactor Lid to the Brawndo Tank and seal the clasps
4. Press the ON button on the Reactor Lid to turn on
5. The System is in READY mode when the GREEN LED is blinking
6. Press RUN/RESET button; a BLUE LED will turn on and stay on as long as it takes to activate the chemistry to the proper level
7. Once the unit has completed the activation process, the GREEN LED will turn solid
8. Activated chemistry is ready for use and may be dispensed
9. Refer to the ELMNT label for application instructions
10. When the chemistry is expired, the GREEN and RED LED's on the System Lid will alternate, which means a new batch of chemistry must be generated
11. NEVER attempt to "re-activate" expired chemistry
12. Expired chemistry can be safely poured down the drain
13. To avoid waste of unused active chemistry, we recommend generating active chemistry "on-demand"

DIMENSIONS

Packed Box:	15 x 15 x 21 in 38 x 38 x 53 cm
Product:	12 x 12 x 14 in 30 x 30 x 35 cm
Packed Weight:	6 lbs (2.7 kgs)

BENEFITS OF ONSITE GENERATION

LESS PLASTIC



Save 5 lbs of plastic per unit of ELMNT

U.S. Agriculture consumes 816 million pounds of plastics per year

LESS HAZARDOUS WASTE



Reduce transportation of toxic chemicals

20,000+ incidents occur each year during the transport of hazardous materials

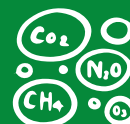
QUALITY ASSURANCE



Fresh chemistry generated each time

Disinfectants like sodium hypochlorite can degrade substantially within 2-3 weeks

REDUCE CARBON FOOTPRINT



100 CO₂e emissions offset from reducing chemical shipments

U.S. Agriculture alone accounted for 11.2% of greenhouse gas emissions in 2020