



# O1-YS

## Typical Properties

**PRODUCT TYPE:** OMRI Listed® Organic adjuvant / spreader/ sticker for diverse agriculture applications

**INGREDIENTS:**

Principal Functioning Agents:	8%
Saponin containing Plant Extract & Chitosan	92%
Constituents ineffective as spray adjuvants	100%
Total	

**PHYSICAL PROPERTIES:**

Physical State:	Viscous Liquid
Appearance:	Amber to Dark Brown
Odor:	Sweet
pH:	2.0 - 2.5
Specific Gravity:	1.020 - 1.044
Density:	8.50 - 8.70 lbs/gallon)
Solubility, water:	soluble in aqueous solutions with a pH below 5.0
Freezing Point:	32°F (0°C)

**GENERAL INFORMATION:**

For use as an adjuvant with fungicides, miticides, insecticides and nutritional treatments for fruits, vegetables, root crops, nuts, flowers, ornamentals and turf.

Follow manufacturer's guidelines for cleaning spray equipment prior to mixing. Fill spray tank with water and add all other spray ingredients according to product labels. Buffer pH to 5.0 or below before adding O1-YS™ (we recommend citric acid or vinegar). Thoroughly mix to resuspend any sediment before using this product. Add O1-YS™ last and mix completely to fully incorporate with the other ingredients. Suggested order of multi-chemical mixing and adding product:

- Water
- Fertilizers
- Water dispersible granules
- Wettable powders
- Flowables
- Water soluble solutions, granules or powders
- Emulsions
- Emulsifiable concentrates
- Remaining water
- Adjust pH of tank mix to 5 or below using CitriSan Citric Acid or Vinegar
- Add **O1-YS™**

It is always recommended a compatibility be performed on all first time combinations.

Excessive agitation may lead to foaming of spray solution.

After all spray applications are completed, it is recommended the spray tank be thoroughly cleaned to avoid conflicts with future chemicals.

**STORAGE AND DISPOSAL:**

Do not contaminate water, food or feed by storage or disposal. Store in a cool, dry area in original containers in sheltered locations under cover. Do not freeze. Store away from direct sunlight, any sources of heat or frequent temperature change regimes. Empty product containers may contain product residue. Do not store in any metal containers. Do not reuse empty containers. Do not store this material in open or unlabeled containers. Dispose unused or spilled material in accordance with all local, state, and federal regulations.

**CONTAINER DISPOSAL:**

Triple rinse (or equivalent) and add rinsate to treatment tank. Do not reuse empty container. Recycling decontaminated containers is the best disposal option. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state or local ACRC recycler visit the ACRC web page at [www.acrcycle.org](http://www.acrcycle.org). Decontaminated containers may also be disposed of in a sanitary landfill according to state and local statutes.

Thoroughly clean all brushes, nozzles and other application equipment with water after use. Metals or metal alloys other than stainless steel are not recommended for use with this product.

Refer to product SDS for addition safety and handling information.