

TRUE

ORGANIC PRODUCTS, INC

TRUE 1-7-0

Why TRUE 1-7-0?

TRUE 1-7-0 is a certified organic liquid fertilizer. It has high levels of soluble, plant-available phosphorus, in a low pH formulation, that can immediately supply crop demand at the time of application. This makes it a great “pop-up” starter when plant roots are small, and P uptake is limited. In addition to phosphorus, TRUE 1-7-0 delivers labile forms of organic nitrogen that mineralize quickly for crop uptake. The presence of soluble calcium makes this a great fit for fruiting crops where calcium is needed to improve fruit quality. Like other fish-based liquids, TRUE 1-7-0 has high levels of heat tolerant soil-colonizing microbes, and labile carbon to help feed them. This makes TRUE 1-7-0 a great fit in conventional systems where native soil biology may be low.



Application Instructions:

In row crops, TRUE 1-7-0 works well as a soil drench or banded application to concentrate it around the plant roots at seeding or transplant timing. In all crops, TRUE 1-7-0 can be fertigated through irrigation systems to supply plant-available phosphorus during peak crop demand. Product should be injected in the final third of the irrigation set to minimize potential leaching. TRUE 1-7-0 has also been used in foliar nutrient applications. Consult your agronomist or True Organic Product fertility specialist for optimal application rates and timings.

GUARANTEED ANALYSIS:

Total Nitrogen (N)..... 1%
0.92% Water Soluble Organic Nitrogen
0.08% Water Soluble Organic Nitrogen
Available Phosphate (P₂O₅) 7%

DERIVED FROM:

Stabilized Fish Solubles

Density: 9.0 lbs/gallon at 68 deg F

Benefits of TRUE Organic liquid fertilizers:

- Organic nitrogen quickly begins mineralizing within the first few days of application. Most nitrogen is in plant available form within 2 weeks of application.
- Contain high levels of labile carbon that boost soil microbial activity.
- Presence of free amino acids allows direct crop uptake and has potent biostimulant properties including stress mitigation.
- Quadruple filtered through 200 mesh during processing, and cold filtered immediately prior to delivery. This ensures a clean product that will run through any irrigation system, including drip.
- Liquid form enables organic nutrient applications into the root zone without soil disturbance.
- 3rd party verified heat treatment to guarantee food safety.
- N-P-K analysis is consistent and guaranteed.

True Organic Products, Inc.
20225 W Kamm Avenue
Helm, CA 93627

Salesteam@true.ag
559.231.3680
www.true.ag

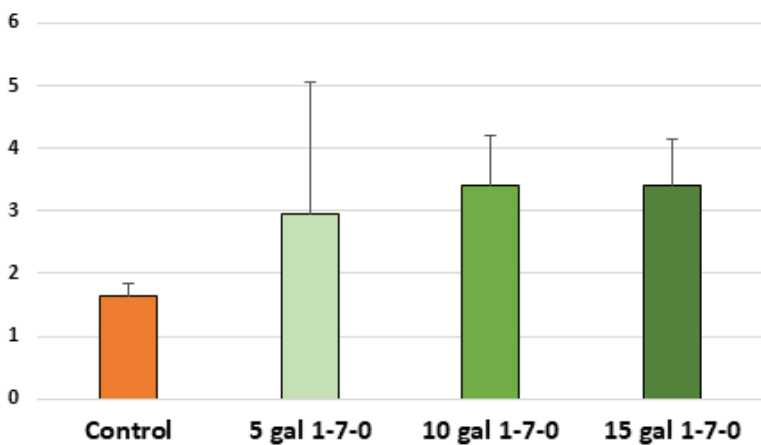


Data:

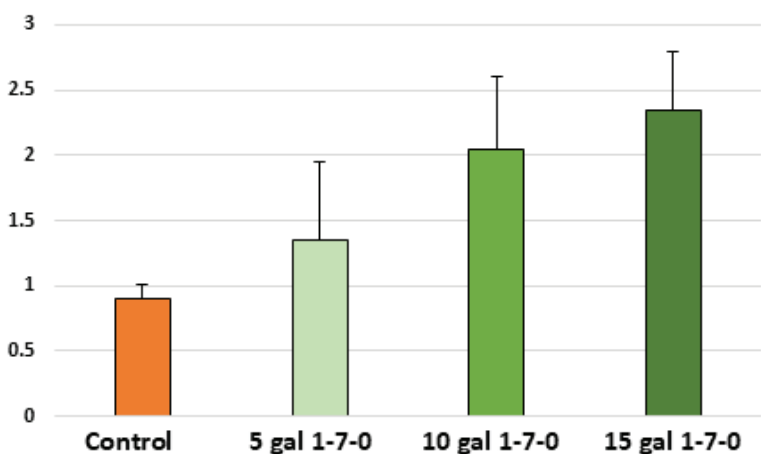
A trial was conducted to evaluate how an in-furrow soil drench would affect wheat plant growth, both above and below ground in a small replicated potted setting. In-furrow drench application of 1-7-0 at seeding led to doubling the root mass of wheat plants in the 10 GPA and 15 GPA applications compared to the control. The 15 GPA 1-7-0 application had the deepest root growth. There was no reduction of germination at these rates of 1-7-0 applications. Above ground portions of wheat plants also benefited from in-furrow applications, with increased tiller development in the 5, 10, and 15 GPA 1-7-0 treatments.

***Analysis is only guaranteed for N-P-K content. All other values should be considered averages and may vary between lots.**

Root Mass (g)



Leaf Mass (g)



TRUE 1-7-0 Properties*

	TRUE 1-7-0
Nitrogen (%)	1.2
Phosphate (%P ₂ O ₅)	7.0
Potash (%K ₂ O)	0
Carbon (%)	2.3
C:N Ratio	2
Moisture (%)	84.3
pH	3.5
Calcium (%)	1.53
Magnesium (%)	0.06
Sulfur (%)	<0.05
Zinc (ppm)	<20
Iron (ppm)	<50
Manganese (ppm)	<20
Copper (ppm)	<20



True Organic Products, Inc.
20225 W Kamm Avenue
Helm, CA 93627

Salesteam@true.ag
559.231.3680
www.true.ag

