

Farm & Ranch® iOFIXT® T-M® SALT Blocks

PDS 452
1/11

Description

iOFIXT® T-M® Salt Blocks are compressed from a mixture of salt with six basic trace minerals commonly supplemented in livestock diets - cobalt, copper, iodine, iron, manganese and zinc. The blocks are red in color. All ingredients comply with Title 21 of the Code of Federal Regulations.

iOFIXT® T-M® Salt Blocks are fortified with nutritional iodine provided by calcium periodate (Pentacalcium orthoperiodate or PCOP). Most iodine sources are water soluble and tend to leach from blocks exposed to high humidity or rain. PCOP is insoluble and does not leach. Upon ingestion by animals, it is readily solubilized by rumen microbial action or by stomach acidity.

Guaranteed Analysis

Nutrient	Minimum	Maximum
Sodium Chloride (NaCl)	93%	98%
Zinc (Zn)	3500 ppm	-
Manganese (Mn)	2800 ppm	-
Iron (Fe)	1750 ppm	-
Copper (Cu)	350 ppm	450 ppm
Iodine (I)	70 ppm	-
Cobalt (Co)	70 ppm	-

Ingredients: Salt, zinc oxide, manganous oxide, ferrous carbonate, mineral oil, iron oxide (color), copper oxide, calcium periodate, cobalt carbonate.

Physical Properties

Blocks are tapered with dimensions that vary somewhat by plant. Minimum net weight is 50 lb. (22.6 kg). Stake-holds are provided for field placement.

Typical Dimensions						
Density		Volume		Diameter		Height
(SG)*	(lb/ft ³)	(ft ³)	(gal)	Top (in)	Bottom (in)	(in)
1.93	120	0.43	3.2	8.0	8.75	10.5

*Specific Gravity

These data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determines the suitability of our material and suggestions before adopting them on a commercial scale.

MORTON SALT, INC.

123 North Wacker Drive, Chicago, IL 60606-1743 www.mortonsalt.com

Use

iOFIXT® T-M® Salt Blocks are intended for animal feeding only and specifically for free-choice feeding in feedlots, and on pastures and ranges where grain, forage and water is deficient in sodium chloride and the six basic mineral elements that promote growth, reproduction, milk and wool production, and the general well-being of livestock.

Salt deficiency reduces growth, weight gain and milk production. Chronic iodine deficiency causes goiter, sluggishness, acute sensitivity to heat and cold, stunted growth, and poor hair or wool development. Cobalt and iron deficiencies cause anemia. Manganese deficiency results in weakness, stiff joints, slow growth, and high birth mortality. Copper and zinc deficiencies cause problems in virtually all of the life processes, stunting growth, lowering disease resistance, crippling, and increasing mortality.

Ruminants respond extremely well to the use of salt blocks. They have a strong salt appetite but consume only enough to offset a deficiency. They remember the location of the blocks, and cattle can actually smell sodium, allowing them to be herded by block placement. Blocks also confer an important sanitary benefit. In their absence, salt-craving range animals will lick rocks, soil, various vegetation, and even manure and urine, seeking to sate their appetite. This exposes them to unnecessary stress and diseases.

Caution

Sheep are copper sensitive. Confer with a qualified animal nutritionist or veterinarian to determine if this feed is appropriate for sheep under local conditions.

Commodity Codes

	Vacuum Plants	Grantsville	Grand Saline
Label	1605	3605	4365
Sleeve	1607	3611	4367

UPC Codes

Label	0 24600 03605 4
Sleeve	0 24600 01607 0

Plants

Grand Saline, TX; Grantsville, UT;
Manistee, MI; Rittman, OH;
and Silver Springs, NY

Agriculture



Packaging

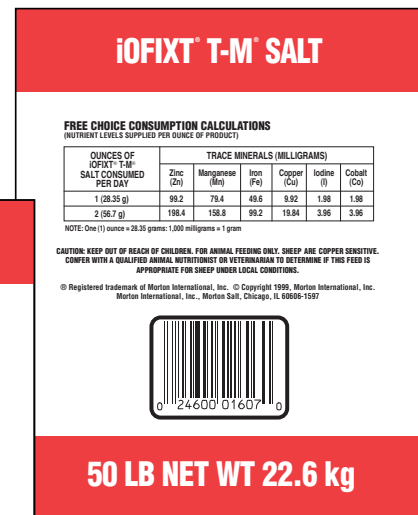
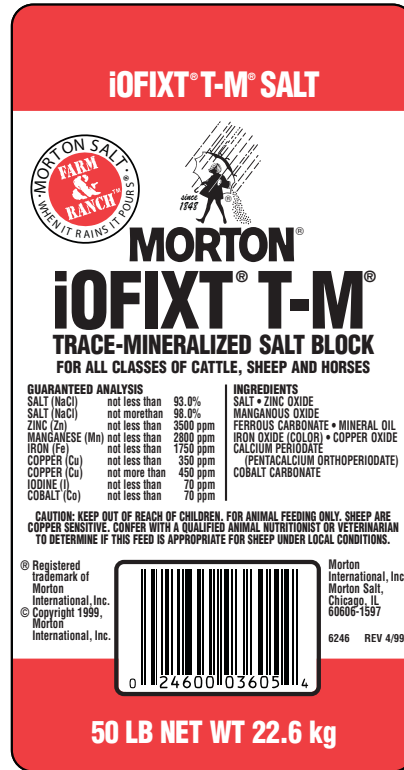
iOFIXT® T-M® Salt Blocks are available with or without white corrugated cardboard sleeves with red bands. Pressure sensitive labels are used on blocks without sleeves.

Unit Dimensions					
Package Type	Gross Wt. (lb)	Diameter (in)		Height (in)	Cube (ft ³)
		Top	Bottom		
Label	50.0	8	8.75	10.5	0.43
Sleeve	50.25	8.5	9	10.75	0.46

Palletized					
	Tiers	Blocks	Gross Wt. (lb)	Height (in)	Cube (ft ³)
Label	2	48	2,470	22	28
Sleeve	2	48	2,482	22.5	29
Label	2	40**	2,070	22	26
Sleeve	2	40**	2,080	22.5	27

*Includes 48" x 40" standard wood pallet @ 70 lb.

**Grand Saline, TX and Grantsville, UT.



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