

Complezal® Manganese

GUARANTEED ANALYSIS:

Total Nitrogen (N)	5.000%
0.2% Urea Nitrogen	
4.8% Ammoniacal Nitrogen	
Sulfur (S)	2.600%
2.6% Combined Sulfur (S)	
Manganese (Mn)	6.000%
6.0% Chelated Manganese (Mn)	
Molybdenum (Mo)	0.001%
0.001% Water Soluble Molybdenum (Mo)	

DERIVED FROM:

Urea, Ammonium Sulfate, Manganese EDTA, Sodium Molybdate.

KEEP OUT OF REACH OF CHILDREN

PRECAUTIONARY STATEMENTS

Before using this product, read the entire label, including the conditions of sale. May be harmful if swallowed or contact is made with skin or eyes. Avoid contact with eyes, skin and clothing. Avoid breathing vapors or spray mist.

CAUTION: This fertilizer contains manganese and molybdenum and should be used only as recommended. It may prove harmful when misused.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Do not induce vomiting unless directed to do so by medical personnel. Never give fluids or force vomiting if the person is unconscious, is having convulsions or has no gag reflex. If large quantities are swallowed, immediately rinse the mouth and give large amounts of water to drink. Seek medical attention if symptoms persist.

If In Eyes: Check for and remove contact lenses. Immediately flush eyes with water for at least 15 minutes. Cold water may be used. Seek medical attention if irritation occurs.

If On Skin: Remove contaminated clothing. Wash affected area with plenty of soap and water. Cold water may be used. Seek medical attention if irritation develops.

If Inhaled: Move individual to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Seek immediate medical attention.

USE DIRECTIONS FOR FOLIAR FERTILIZATION - IMPORTANT HANDLING INSTRUCTIONS, PLEASE READ

Complezal Manganese is a high load suspension fertilizer. During storage an internal structure forms to retard settling and separation. At time of use, this structure is easily destroyed by striking the container forcefully with a rubber mallet or fist, followed by aggressive shaking of the container. Always apply with sufficient water or tank mix partners to ensure thorough leaf coverage. Avoid application during periods of excessive heat (mid-day) to reduce potential for leaf injury.

Crop	Timing Purpose	Use Rate L/ha
Pome fruits	One application before bloom or after end of cell division stage. Do not use on varieties sensitive to russetting. Prevention and control of manganese deficiencies. Do not use on varieties sensitive to russetting.	1.17-2.34
Stone fruits	After bloom, repeated 14–21 days after first application. Prevention and control of manganese deficiencies.	1.17–2.34
Strawberries	Start of vegetation and early flowering. Prevention and control of manganese deficiencies.	1.17–2.34
Grapevine	One application before bloom and one to two applications after bloom. Prevention and control of manganese deficiencies.	1.17
Spring cereals	From 3 leaves to flag leaf emergence. Prevention and control of manganese deficiencies.	1.17–2.34
Winter cereals	(1) Fall application at early tillering and before dormancy. (2) Spring application from beginning of stem extension to flag leaf emergence. Prevention and control of manganese deficiencies.	1.17 1.17–2.34

Crop	Timing Purpose	Use Rate L/ha
Canola	From early spring to yellow bud. Prevention and control of manganese deficiencies.	1.17
Sugar beets	At the 5–6 leaf stage and during the 8–12 leaf stage. Prevention and control of manganese deficiencies.	1.17–2.34
Peas	At flowering, particular from 10–11 leaf stage until pod formation. Prevention and control of manganese deficiencies.	1.17
Soybean	One to two applications from V4 to R3 growth stages. Prevention and control of manganese deficiencies.	1.17–2.34
Potatoes	Early flowering and soon after flowering. Prevention and control of manganese deficiencies.	1.17–2.34
Turf & Sod	Apply every 14–21 days Improved plant health, colour and growth	3–9
Vegetables	Repeated applications at 7–10 days intervals during periods of rapid growth. Prevention and control of manganese deficiencies.	1.17–2.34

MIXING

When tank mixing **Complezal Manganese** with other products, conduct a jar test to ensure compatibility. Fill the spray tank with 75% of the desired water volume. While the water is agitating, add tank mix ingredients in the following order: 1. Water-soluble packets, dry flowables and dispersible granules. 2. **Complezal Manganese**. 3. Flowables. 4. Emulsifiable concentrates. 5. Water-soluble pesticides. Continue agitation and finish filling spray tank to desired level. **Complezal Manganese** contains un-dissolved salts prior to dilution with water. To ensure salts completely dissolve and to reduce potential accumulation on sprayer screens, 10 minutes of aggressive agitation is recommended prior to application. A 50-mesh or larger screen size is recommended.

STORAGE AND DISPOSAL

Store in original container between 5°C and 30°C away from direct sunlight. Temperature fluctuations and long term storage may cause reversible crystallization and phase separation. Neither condition will affect product efficacy if properly mixed prior to use. Do not reuse empty container. Dispose of the container in accordance with federal, state and local regulations.

CONDITIONS OF SALE

Note: Read the information contained herein before buying or using this product. If the stated terms are not acceptable, return the product at once, unopened. It is critical that this product be used and mixed only as specified on this label. Neither the manufacturer nor the seller makes any representation or warranty, expressed or implied, with respect to the results from the use of this material. Buyer and user assume all risks of use and/or handling. Precision Laboratories, LLC warrants that this material is reasonably fit for use as specified on this label. No agent or representative is authorized to make any other representations concerning this material. Unforeseen factors beyond Precision's control prevent elimination of risks in connection with the use of its chemicals. Such risks include, but are not limited to, damage to plants and/or crops to which the material is applied, or lack of complete control and damage caused by drift to other plants or crops. Such risks may occur even though the product is reasonably fit for use as stated herein and even though label directions are followed. Follow directions carefully. Timing, mixture, method of application, weather and other conditions are influencing factors in the use of this product and are beyond the control of the seller. Except to the extent prohibited by applicable law, the exclusive remedy of the user or buyer and the limit of liability of the company or any other seller for any and all losses, personal injuries or damages resulting from the use of this product, shall be the purchase price paid by the user or buyer for the quantity of product involved.

Lot #: Please see separate label	Net Weight:
	10.98 kg (7.57 L) 1097.65 kg (757 L) Other

Information regarding the contents and levels of metals in this product is available on the internet at: <http://www.aapfco.org/metals.htm>

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