

Agriculture

Advanced Materials

High-Quality Agriculture Solutions

Vibrantz creates specialty blends and chemicals for use in the fertilizer and animal feed markets and supplies additives and micronutrients that are essential to food, crops, and animal feed, as well as for greening of lawn and turf. Vibrantz is a global leader in manganese-based micronutrients and animal feed additives and manufactures and markets products internationally.

Manganese is one of the nine essential micronutrients (trace minerals) needed for healthy animals. It is a required component of many enzyme systems, including carbohydrate, protein, and lipid metabolism. Manganese oxide and manganese sulphate are very efficient manganese micronutrient choices for animal nutrition because they provide maximum bio-availability. Vibrantz provides the industry with quality products that are known for their low impurities.

Vibrantz provides a range of engineered fertilizer minerals for crop production, lawn and garden, golf and sports turfs, plants and ornamentals, and professional horticulture. Vibrantz provides both manganese based and micronutrient sucrate fertilizers.

In order to protect herbs and plants, fungicides require high quality minerals such as manganese and phosphates to control the proliferation of diseases caused by fungi. Vibrantz supplies the fungicide industry with $MnSO_4$ ($MnSO_4$ solution or $MnSO_4$ monohydrate), copper oxide, and copper oxychloride TG (COC).

Chemical name	Trade name
Feed	
Magnesium Sulphate	Opti-Magsul
Magnesium Oxide	Magox 53
Sulphur	Sulphur SP 325
Potassium Carbonate	
Manganese Oxide	ALMA®
Manganese Sulphate	Tecmangam®
Fertiliser	
Magnesium Sulphate	Opti-Magsul
Boric Acid	
Sodium Borate	Aquabor
Manganese Carbonate	
Manganese Sulphate	Tecmangam®
Ferrous Sulphate	
Raw materials for fungicide	
Fumigation Sulphur	Optisul
Dusting Sulphur	Optisul

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