

BRANDT® SeedZone™ Mo

Micronutrient Seed Treatment

Guaranteed Analysis

Molybdenum (Mo)..... 30%

Derived from molybdenum trioxide F76

General Information

BRANDT SEEDZONE Mo is a high performance high analysis molybdenum (Mo) seed treatment that improves availability by precision placement of Mo directly to the seed coat. BRANDT SeedZone Mo is formulated to be compatible with most inoculants such as rhizobia bacteria as Mo is vital for the process of symbiotic nitrogen (N) fixation by Rhizobia bacteria in legume root nodules. Molybdenum is also important for enzyme activity in nitrogen metabolism utilization in all crops.

Agronomic Considerations

- Molybdenum availability decreases in acidic soils .
- Legumes (beans, peas, clover, alfalfa, peanuts, etc.) are more sensitive to Mo deficiencies because of the additional requirement for N fixation by root nodule bacteria.
- Crucifers (broccoli, cauliflower, cabbage, etc.) are more sensitive to molybdenum deficiencies and have a higher demand than grass crops.
- Optimal rate will vary by geography, soil types, and crops. Consult with a local agronomist for best practices.

Rate Recommendations

Seed Treatment: ½ to 2 fl oz per 100 lbs of seed. Apply with sufficient water to insure uniform coverage.

Soil Broadcast:

Soil Broadcast Rate	
fl oz per acre	lbs of Mo per acre
33	1
66	2
99	3

Impregnation Fertilizer Rate of SeedZone Mo on Bulk Fertilizer

Application Rate (fl oz per 2000lbs)	Application Rate (lbs/per 2000 lbs)	Total lbs of Mo per 2000 lbs of fertilizer
33	3.4	1
66	6.8	2
99	10.1	3

Net Contents: 2.5 gallons (9.46 liters)

Density: 13.1 lb/gal @ 68°F

Net Weight: 32.6 lb (14.9 kg)

Packaged: 2 x 2.5 gallons (2 x 9.46 liters)

2022-12

Mixing and Handling Instructions

Treatment Method - Tumbler - Mix with sufficient water for coverage. Slowly pour BRANDT SEEDZONE Mo, insuring uniform application. Seeds should be tumbled steadily through application process.

Spray Application - Can be used with standard seed treatment application equipment. Ensure uniform application. Can be applied in combination with fungicides, pesticides or seed treated pesticides. Compatibility and stability testing recommended.

Totes and drums should be mixed prior to use and at least every 6 months by recirculating pumps or by pulse-air systems that introduced burst of compressed air or gas. For smaller packages, shake before use.

ATTENTION: The application of fertilizing materials containing molybdenum (Mo) may result in forage crops containing levels of molybdenum (Mo) which are toxic to ruminant animals.



WARNING: Causes serious eye irritation. Harmful if swallowed. May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist/vapors. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. **First Aid:** *If in eyes:* Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. If eye irritation persists: Get medical advice/attention. *If swallowed:* Call a poison center/doctor if you feel unwell. Rinse mouth. *If inhaled:* Remove person to fresh air and keep comfortable for breathing. If exposed or concerned: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Storage and Disposal: Do not contaminate water, food or feed by storage or disposal. Keep out of reach of children. Keep container tightly closed. Store locked up, away from incompatible materials, and in a well ventilated place. Avoid release to the environment.

WARNING: Cancer and Reproductive Harm-www.P65Warnings.ca.gov

LIMITED WARRANTY: BRANDT Consolidated, Inc. ("BCI") warrants that the Product conforms to the chemical description given on this label and is reasonably fit for the purpose stated when used in accordance with label directions under normal conditions of use. BCI AND SELLER MAKE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, NOR IS ANY REPRESENTATIVE OF SELLER AUTHORIZED TO MAKE ANY SUCH WARRANTY OR MODIFY THESE TERMS. Buyer and User accept all risks arising from any use of this Product. To the extent allowed by law, BCI and the Seller shall not be liable to the Buyer or User of this Product for any consequential, special, incidental or indirect damages.

Guaranteed By:

BRANDT Consolidated, Inc.
2935 South Koke Mill Road
Springfield, Illinois 62711 USA
www.brandt.co
800 300 6559

BRANDT®