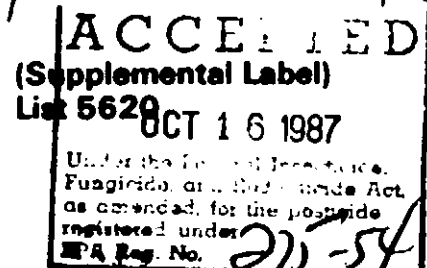


VECTOBAC[®] Technical Powder
EPA Reg. No. 275-54



VECTOBAC TECHNICAL POWDER must be diluted before application by suitable aerial or ground equipment at a suggested rate range* of 0.455 to 0.91 billion ITU's per acre for usual mosquito habitats and 0.91 to 1.82 billion ITU's per acre in polluted water, sewage lagoons, etc.

- * Use higher rate when 3rd or 4th instar larvae predominate, mosquito populations are high, water is heavily polluted, and/or algae are abundant.

A 7 to 14 day interval between applications should be employed. Where non-target aquatic invertebrate parasites and predators are present, longer periods of suppression may result since these beneficials would be conserved to aid in mosquito population management.

GENERAL GRANULATION DIRECTIONS:

Rotating Type Mixer:

1. Place suitable diluent, such as sand, in rotating type mixer (cement mixer, ribbon blender, or equivalent).
2. Add Golden Bear 1356¹ while mixer is running (GB 1356 may be sprayed on or gradually poured over sand; spraying is the preferred method instead of pouring).
3. Mix 5-10 minutes to ensure that sand granules are covered with GB 1356.
4. While mixer continues to run, add the calculated amount of VECTOBAC-TP (as shown in the table below). Continue mixing 15-30 minutes or until sand granules are uniformly coated with VECTOBAC-TP.

A typical blend would consist of:

Materials	% W/W	Based on 100 lbs. sand	Based on 100 lb. final product
VECTOBAC Technical Powder	4.0	4.3 lbs.	4.0
GB 1356 ¹	1.3—1.5	1pt. 8 oz.—1 pt. 12 oz.	1pt. 7 oz.—1 pt. 10 oz.
Sand (washed/dry)	94.7—94.5	100 lbs.	94.7—94.5 lbs.
	100%	105.68—105.9 lbs.	100 lbs.

¹GB 1356 is available from Golden Bear Division, Witco Chemical Corporation.

- * Use 1.3% of GB 1356 for fine sand granules 16/30 mesh size and 20/30 mesh size. For coarse sand grades, 10/20 mesh size, use 1.5% of GB 1356.

NOTE: It is recommended that a small batch formulation is produced to determine percent GB 1356 required to give a free-flowing and dust free granular formulation.

APPLICATION DIRECTIONS

Mosquitoes Habitat

(Such as the following examples):

Irrigation ditches, roadside ditches, flood water, standing ponds, woodland pools, snowmelt pools, pastures, catch basins, storm water retention areas, tidal water, salt marshes and rice fields.

Suggested Rate Range*
5-10 lbs/acre

- * Use 10-20 lbs./acre when late 3rd and early 4th instar larvae predominate, mosquito populations are high, water is heavily polluted (sewage lagoons, animal waste lagoons) and/or algae are abundant.

