

BRAN DIET: Wheat Bran Diet

Note: *Excellent diet for rearing several species of Pyralid moths*

Ingredients:

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|--|------------------------|
| • Red, flaky wheat bran (food grade) | 3 gallons (ca. 2.5 Kg) |
| • Honey, warm | 900 ml |
| • Glycerine, warm | 900 ml |
| • Water, distilled, warm | 800 ml |
| • Vanderzant's Vitamins (1 % Solution) | 10 ml |
| • Brewer's Yeast, debittered | 100 gm |

Method:

- NOTE: Diet mixes best if liquid ingredients are warm
- Measure, Sterilize Wheat Bran (from 50# bag stored in freezer)
 - Put 3 full gallons (ca. 2.6 Kg) wheat bran into large paper bag
 - Autoclave for 30 min at 121°C and 15 PSI
 - Set aside and allow to cool to room temperature or warmer
- In water-bath on hotplate: Heat honey, glycerine, and water
- Empty bag of bran into large mixing pan
 - Break up clumps
- In large blender: Blend all remaining ingredients for ca. 1 minute
 - Pour over bran in mixing pan in circular motion
 - Allow liquid to sink into bran
- Mix thoroughly by hand
- Scoop diet into large plastic bags (double-bagged)
- Close with double twist tie
 - Bag: 20" X 24", 1 mil poly bag (ULINE #S-6316) or equivalent
- Store in freezer

Notes:

- One 50# bag will make about six batches
- Each batch yields 11-12 gallon-size culture jars
- Each culture jar contains ca. 500 gm diet