
Miscellaneous Recipes and Techniques

The following interesting recipes and techniques have been collected from various beekeepers over several years and are presented here for educational purposes only. Using the recipes to feed your bees or implementing the techniques on your hives is at your own risk.

Fumagilin-B Dusting

Petros Approach

Some beekeepers prefer to dust the bees with a mixture of Fumagilin in powdered sugar. Mix ratios vary: 4 parts powdered sugar to 1 part Fumagilin was the approximate ratio used in the research conducted by Wyborn and McCutcheon. A past state bee inspector used a stronger mix of 10 level tablespoons of Fumagilin-B (0.625 cup) in 2 cups of powdered sugar. To treat he waited until the bees were clustered up or somewhat clustered in the late fall. He used 1/8th cup of the mix and put it in-between the bars on the clustered bees. He used two treatments, sometimes three, per hive over a span of a few weeks.

Pollen Substitutes

There are several recipes that beekeepers have developed over the years to use as a substitute for natural pollen. These recipes are scaled to the number of colonies the creators of the recipes had and no adjustments have been made, so they are what they are.

Recipe A - Sadler

12.5lb soy flower
12.5lb brewer's yeast
5lb dried egg yolk
20 fl. Oz corn oil
20 fl. Oz. canola oil
30lb corn syrup
1 cup lemon juice
¼ cup Honey B Healthy
¼ cup asorbic acid
1 cup citric acid
1 lb cinnamon
1/8lb Latshaw premix (mineral mix)

Recipe B – Hackenberg

- 125 lbs. Sugar (Add water and keep wet. Should be a little thicker than pancake batter.)
- Add either 3 cups citric acid or 4 quarts of lemon juice, (this is to put the ph at 4 ½ to 5)
- Add 1 cup Honey Bee Healthy (optional , but we prefer)
- 3 cups trace mineral salt
- Add ½ bag Vitamins & Electrolytes (we use Russell's) (2 oz. worth)
- 6 cups Cinnamon
- (keep the mix wet)
- Mix in 25 lbs. of Inedible Dries eggs
- Add 3 ½ cups Canola Oil
- Mix in 24 lbs. (2 gallons) Honey
- Finish by adding 50 lbs. Brewtech Brewers Yeast.
- Add water until it has the consistency you desire.

Recipe C – Sadler – 360lb batch Ingredients can be obtained from International Ingredient

- 1 bag brewers yeast
- 1 bag soy flour
- 20 lb dried egg yolk
- 4 cups citric acid
- 4lbs cinnamon
- 1/2lb Latshaw mineral mix
- 1 cup asorbic acid
- 4 cups lemon juice
- 96oz corn oil
- 96 oz canola
- 200 lbs corn syrup
- 2lbs banana

Feeding Stimulants

Recipe A – to make 1 gallon of concentrate -

To make one gallon of concentrate you need 6 Tablespoons each of Tea Tree Oil, Wintergreen, Spearmint, Lemongrass oil. Heat about a cup of 67% syrup hot and blend with about 1 Tablespoon of lecithin until dissolved (use a blender) Add essential oils and blend. Top off with syrup to 1 gallon. www.lorannoils.com is a source for essential oils.

Recipe B - Beck

7 TBS Lecithin in 2 cups hot water let sit for 15 min. Blend well, while blending add 150ml lemon grass oil, and 300ml spearmint oil. Pour into gallon jug and top off with corn syrup.

Winter Patties

Recipe A – Hackenberg

- 225 lbs Sugar
 - 10 oz. Cinnamon
 - 25 lb. Brewer Yeast
 - 15 gallons Sugar Syrup
 - 12 lb. Honey
 - 1 cup Honeybee Healthy
 - 1 cup Lemongrass Oil
 - 1 cup Spearmint Oil
 - 8 oz. Thymol (Liquify)
 - 2 cups Mineral Salt
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