

BAB V

KESIMPULAN DAN SARAN

5.1 Kesimpulan

Kesimpulan yang dapat diambil dari penelitian ini:

1. Hasil analisis kualitatif menggunakan metode *thin-layer chromatography* dengan nilai Rf sebesar 0,779 menunjukkan bahwa terdapat senyawa kardiak glikosida yang bukan merupakan *digitoxigenin*.
2. Kandungan senyawa kardiak glikosida pada buah bintaro dapat digunakan sebagai bahan dasar pengusir tikus. Namun, dengan menggunakan perekat tepung kanji tergelatinisasi, *pellet* hanya dapat bertahan hingga 5 hari sebelum *pellet* berubah menjadi busuk dan berlendir.
3. Hasil analisa GPM untuk produksi *pellet* pengusir tikus berbahan dasar buah bintaro adalah sebesar 60,67%, yang menunjukkan bahwa produk ini layak untuk diproduksi dan dikembangkan lebih lanjut.

5.2 Saran

Saran yang dapat diberikan untuk penelitian ini:

1. Perlu dilakukan analisis peluang dan kebutuhan pasar dengan melakukan survey pada pengguna pengusir tikus.
2. Analisis kuantitatif diperlukan sebagai data pendukung pengembangan produk *pellet* pengusir tikus untuk mengetahui kadar senyawa kardiak glikosida pada buah bintaro.
3. Perlu digunakan bahan perekat lain selain tepung kanji tergelatinisasi agar dapat menambah umur daya tahan *pellet* pengusir racun tikus berbahan dasar buah bintaro.

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