

ABSTRACT

Bar soap is a hygiene care product that is commonly used in everyday life. Innovation in soap making continues to develop, including the use of natural ingredients such as lemongrass and corn. Lemongrass (Cymbopogon citratus) is known to have antibacterial, antifungal properties and a fresh aroma that can have a relaxing effect. Meanwhile, corn (Zea mays) contains compounds such as starch and natural oils which can help moisturize the skin and contribute to the soap making process.

This research aims to explore the potential of combining lemongrass and corn in making bar soap that is environmentally friendly and has additional benefits for the skin. The soap making process is carried out using the saponification method using vegetable oil, alkaline solution, and lemongrass and corn extracts. The expected result is soap with a good texture, sufficient foam, and has an optimal cleaning effect without causing skin irritation.

By combining the antiseptic properties of lemongrass and the moisturizing properties of corn, this soap is expected to be a natural alternative that can be used to maintain cleanliness while nourishing the skin. Further research is needed to test the long-term effectiveness and stability of the product.

Key words: Bar soap, lemongrass, corn, antibacterial, moisturizer.