

CHAPTER 1

INTRODUCTION

1.1 BACKGROUND OF THE STUDY

The reason why I decided to take this product is because the mousse has a good taste and soft texture mixed with dragon fruit skin which we treat waste which has many benefits. Draftscom uses ingredients that are very easy to find in Indonesia. The method is quite easy, after peeling it, you can wash it and then cook the dragon fruit skin with the provided ingredients such as water, sugar and lemon juice. after that lift and blend until smooth then beat the whipping cream in the mixer until the texture is a bit thick then add dragon fruit and coffee then mix again a little and fold. The dragon fruit skin coffee mousse is ready.

The skin of the red dragon fruit (*Hylocereus polyrhizus*) contains: nutrients such as carbohydrates, fats, proteins and dietary fiber. fiber content the food contained in the red dragon fruit peel is about 46.7%, the fiber content of the red dragon fruit peel is higher compared to pears, citrus fruits and peaches. Red dragon fruit skin contains anthocyanins 26.4587 ppm. Anthocyanins are dyes that play a role in providing red color is a natural colorant for food and can be used as an alternative to synthetic dyes that are safer for health.

Dragon Fruit Skin Health Benefits :

1. Dragon fruit skin the scaly ones are believed to contain pentacyclic substances, triyepene, and taraxast which can make blood vessels, so blood will flow smoothly throughout the body. If the blood vessels are flexible, then the blood vessels are not easily broken despite getting strong pressure from the heart.

2. Dragon fruit too efficacious to eradicate cancer cells or malignant tumors in the body.

3. Dragon fruit skin which is usually only considered as waste, contains Many substances can eradicate foreign substances that harm the body.

4. Dragon fruit skin can also prevent diabetes and heart disease.

5. fruit skin dragons can be used as a means of detecting foods that contain borax and formalin, so that food consumption will be maintained contained in the skin of the dragon fruit.

The characteristic of Draftscom is that this mousse has a coffee aroma and if eaten it will taste sweet and a little bitter from dragon fruit skin. Depending on each individual tasting it, there are several people who really like sweet so we can judge our mousse is not sweet enough or vice versa.

1.2 THE OBJECTIVE OF THE STUDY

- a) Identify the correct way to process dragon fruit skin.
- b) Identify how to pack the right dragon fruit skin so it lasts a long time.
- c) Identify how to market the mousse and the legal aspects that need to be obtained.
- d) Product identification and method of consuming dragon fruit skin.
- e) Investigate the market potential for dragon fruit skin in Indonesia.

1.3 THE BENEFITS OF THE STUDY

- a) Develop ideas and creativity.
- b) Developing and / or creating products that are not yet on the market.
- c) Identify of the risks.