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COMMUNITY SERVICE DISASTER COVID-19 (PKM-BC19) IN ALAI PARAK KOPI AND SWEET WATER BEACH, PADANG CITY, WEST SUMATERA PROVINCE

Kesuma Sayuti[1*], Prima Nagara Putra[2]

[1]Lecturer at the Faculty of Agricultural Technology, Andalas University, Padang

[2]Student of the Faculty of Agricultural Technology, Andalas University

*Corresponding Author :
kesumasayuti15@gmail.com

ABSTRACT

Community Service for the Covid-19 Disaster (PKM-BC) is an activity carried out by students accompanied by supervisors which aims to help the government to overcome the spread of the Covid-19 outbreak, in this service activity students act as providers of education to the community, regarding the symptoms of Covid-19 and cleanliness to prevent the transmission of Covid-19 and also help provide basic material assistance for people in need during this pandemic, so that people are expected to be more assisted and alert in responding to the spread of Covid-19. This activity was carried out in several areas in the city of Padang, especially in Alai Parak Kopi and the Air Manis Beach area, Padang City, West Sumatra Province. The work program carried out includes main activities, supporting and additional activities. The main activity of this service is the distribution of basic necessities, hand sanitizer and masks. As well as supporting activities from this service, in collaboration with Perumda PSM in the water sweet beach area, the work program is the enforcement of the Covid-19 protocol, spraying disinfectants and cleaning the sweet water beach. Supporting activities are making videos of making chlorophyll juice by utilizing local water spinach in the Alai Parak Kopi area.

Keywords: Covid-19, PKM-BC

PRELIMINARY

1. General Condition of the Region

North Padang District is located in the city of Padang. Geographically, this district is located in00°58'04" South Latitude and 99°36'40"- 100°21'11" East Longitude. Based on its geographical position, North Padang District has territorial boundaries, namely, to the north it is bordered by Koto Tangah and Nanggalo Districts, to the south by West Padang District and East Padang District, to the east by Kuranji

District, to the west by the Indian Ocean. North Padang District has an area of 8.08 km2. North Padang District is located 0-25 meters above sea level, with 384.88 mm/month of rainfall.

Alai Parak Kopi is a village located in North Padang District, Padang City. The area of the Alai Parak Kopi kelurahan is 1.37 square kilometers which is divided into 14 RW and 51 RT. This area is inhabited by about 13,000 people and is part of 2,500 families. For population education in general is 50% senior high school, 20% undergraduate, 20% junior high school, 10% elementary school. The average livelihood is 40% civil servants, 20% farmers, 20% private, 20% workers, and those who fall into the poor families reach 800 families. The following is a geographical description of the Alai Parak Kopi village that can be seen on the map.

2. Regional Potential Conditions

As for the condition and potential of this area, there are many rice fields and the people in this area, especially in RW 10, have decided to commit to becoming a vegetable farmer, especially kale to meet their economic needs. For vegetable sales, we have explored 6 markets that have become customers, which means that the vegetable farmers here already have regular customers.

Agricultural products produced in this area are often sold in the form of raw materials compared to materials that have been processed into finished materials. In need of motivation and innovation in various matters regarding the processing of agricultural products to be made into products that have usability. So that it can improve the economy of the Alai Parak Kopi village community.

3. The problem of Covid-19 and its impact on the region

The Covid-19 problem here is the decline in local community vegetable sellers because people here sell a lot of their agricultural products at the highway while during the Covid-19 pandemic, most people are afraid to go to the main market.

Through the PKMBC-19 program, the author intends to provide education through videos of making chlorophyll juice, namely by processing kale vegetables into good chlorophyll juice to increase the body's immune system.

There are several benefits of kale, namely prevention of anemia, prevention of diabetes, as a medicine that nourishes the eyes, improves brain quality, maintains heart health, maintains the immune system, reduces cholesterol. (Yuli, 2015).

4. Work Program

The design of the work program to be carried out is divided into 3 activities, namely main activities, supporting activities, and additional activities. The main activities are activities that are directly related to Covid-19. These activities can be in the form of distributing groceries, distributing masks and hand sanitizer, and making pamphlets to educate the public during the Covid-19 period.

Supporting Activities are activities related to the environment, socio-culture, and economy in the community. My work program here is to become a Covid-19 volunteer under the auspices of the PSM Perumda on Air Sweet Beach, and the program being carried out there is to help enforce the Covid-19 protocol on Air Sweet Beach, help fill out questionnaires about Sweet Water Beach to visitors, clean -

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Cleaning the sweet water beach, sharing experiences with Mr. BayWatch on the sweet water beach, and making Disinfectants and Liquid Soap.

Additional Activities are activities related to multimedia related to food that can be used as business opportunities during this Covid-19 pandemic. The author's program is to make a video of making chlorophyll juice using a local commodity, namely kale. Which of these vegetables has many benefits for the body as already written above.

5. Output Form of PKM-BC19

The distribution of basic necessities during this pandemic will help people in meeting basic needs. The distribution of basic needs is carried out using a car that goes around from piai to bypass, tabing, lapai, ampang, and back to the bypass and forwarded to Indarung. Because there are many people who are middle and lower class activities along the road that is passed.

The distribution of health protocol tools such as masks and hand sanitizers that are carried out simultaneously to help people protect themselves and from Covid-19. The distribution of masks and hand sanitizers is carried out in the Lubuk Begalung area because of the many residents who are active in the area

Making posters or pamphlets about how to self-quarantine during the Covid-19 period. So that people who are affected by Covid-19 or who come from outside can quarantine themselves to break the Covid-19
chain.

Disinfectant manufacture which serves to sterilize an object or place. Disinfectant spraying was carried out at Air Manis Beach with the aim of being the shops or stalls of traders on the Air Manis beach to face the new normal period.

Making a Video of making Chlorophyll Juice which utilizes a local commodity, namely kale, which the purpose of this video is so that the community, especially in the Alai Parak Kopi area as vegetable farmers, can use kale as an additional income during this pandemic.

PROBLEMS AND ACHIEVEMENT INDICATORS

1. Covid-19 Problems

Problems that may be found in the Padang city area:

1) People continue to carry out their usual activities outside the home, but many do not apply the Covid-19 protocol
2) People do not understand how to self-quarantine, such as many people from outside the area traveling but not self-quarantining.
3) Many people are lazy to wash their hands or use hand sanitizer while going on vacation in the new normal.
4) During the opening of Air Manis beach in the new normal, many traders do not sterilize their trading places.

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2. Non-Covid-19 issues
    1) Many people around the house have experienced a decline in kale vegetable sales during the Covid-19 pandemic
    2) During the pandemic and PSBB, many people need basic supplies to survive
3. Performance Indicators
    1). Achieving the distribution of masks and hand sanitizers to the public in public places, in order to reduce the spread of Covid-19.
    2). The achievement of making pamphlets or posters on how to self-quarantine during the Covid-19 period which was distributed through Instagram.
    3). The achievement of making Liquid Soap in order to invite people to wash their hands often, especially in areas that are crowded with visitors who are vulnerable to interaction. Which soap is used on sweet water beaches.
    4). The achievement of the manufacture of disinfectants and spraying of disinfectants in the merchant area on Air Manis beach before the opening of Air Manis beach in the new normal period.
    5). The achievement of making a video of making chlorophyll juice using kale, to help the surrounding community to process kale into a healthy drink during this pandemic, and as an addition to the selling value of the kale itself.
    6). The achievement of the distribution of basic necessities to the community in the city of Padang in order to reduce the economic burden of the people of Padang. The areas covered are Piai Bypass, Tabing, Lapai, Ampang, and Bypass again.

METHODS AND REALIZATION

Students who will do PKM-BC register online in their respective areas, due to the still pandemic situation, and before starting student activities, they must first obtain permission from the regional head such as the village head or wali nagari, supervisors and parents, and debriefing is carried out after registration and licensing conditions are met. The following activities have been carried out:

1. Food Distribution

During the current Covid-19 pandemic, it does not only affect the world of health, but also affects all aspects of life, including the economic aspects of society and the state. Severe acute respiratory syndrome coronavirus 2(SARS-CoV-2) better known as the Corona virus is a new type of coronavirus that is transmitted to humans. This virus can attack anyone, such as the elderly, adults, children, adolescents and infants, including pregnant and lactating women. Corona virus infection is calledCOVID-19(Corona Virus Disease 2019) and was first discovered in the city of Wuhan, China at the end of December 2019. This virus spreads very quickly and has spread to almost all countries, including Indonesia, in just a few months (Huang, et al. (2020).).This virus has begun to spread and develop in Indonesia to remote parts of the country which has a fairly serious impact on the economy of the Indonesian people, especially the lower middle class economy. Because the economy is declining and there are also many reductions

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in work rights for employees in companies/factories. Many street vendors cannot sell normally due to the corona virus outbreak and lack of livelihoods.

Including in the city of Padang, especially for people who work in the informal sector such as traders, farmers, laborers, angkot drivers, motorcycle taxis and so on who cannot work as usual.

Based on the problems above, we took the initiative to provide assistance to people affected by Covid-19 by opening donations through social media. And getting donor assistance from several families of lecturers and so on, the assistance that has been collected from donors will be given to the community in the form of basic necessities (rice, oil, sugar, syrup) which are the main ingredients. After that, groceries were purchased and distribution was carried out from the piai direction to the bypass and continued to Tabing, then Lapai, Ampang Bypass and Indarung. The constraints that arise are due to the limited funds obtained, so there are not many basic food packages that can be distributed, the distribution of basic food packages reaches 36 basic food packages.




Fig 1. Food Distribution

1. Distribution of hand sanitizers and masks

Masks and hand sanitizers are equipment that must be brought during this pandemic, these equipment can help us maintain body hygiene so that we can avoid the Covid-19 virus. Due to the large number of people who go out of their homes without wearing masks and masks are becoming scarce, so I and several friends took the initiative to help the community by distributing masks and hand sanitizer that we got by raising money with some friends. Next up is The distribution of masks and hand sanitizers is carried out in the Lubuk Begalung area where most of the people do not use masks for activities outside the home




Fig 2. Distribution of hand sanitizers and masks

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3. Making Pamphlets about Covid-19

The issues that are currently developing in society are the COVID-19 pandemic. However, the question mark is whether people really understand about the COVID-19 pandemic. Because there are still many people who travel outside the area and do not quarantine themselves after arriving in an area. Here we intend to educate the public through the creation of pamphlets or posters on how to self-quarantine



Fig 3. Making Pamphlets about Covid-19

4. Become a Covid-19 Volunteer with Perumda PSM

During this Covid-19 pandemic, many tourist attractions in the city of Padang were closed due to the large number of positive Covid-19 communities and a PSBB was carried out in the city of Padang for a few weeks, and after that the new normal period would be enforced in the city of Padang and tourist attractions began to open, but must keep paying attention to the Covid-19 protocol and here we are and were asked by the PSM Perumda to be a Covid-19 protocol volunteer at Air Manis beach for 1 month. Things to do here are to help check the temperature of visitors who come to Air Manis Beach, tell visitors to wash their hands and guide visitors into UV rays. Another thing to do is help PSM to fill out questionnaires that are asked to visitors at Air Manis beach, clean Air Manis beach.





Fig 4. Become a Covid-19 Volunteer with Perumda PSM

5. Disinfectant Manufacturing

Because the new normal will be enacted and the Air Manis Beach tourist attractions will be opened, we took the initiative to make a disinfectant to help traders who will open their stalls on Air Manis beach, namely by making disinfectant and spraying it around trading places on Air Manis Beach. The obstacle found here is the absence of a large-scale disinfectant spraying device in order to speed up the spraying process.

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Fig 5. Disinfectant Manufacturing

6. Liquid Soap Making

During the new normal and the number of visitors coming to Air Manis Beach so that the use of liquid soap for washing hands at Air Manis beach is running low, we make Liquid Soap to help PSM to enforce the Covid-19 protocol. Then we made liquid soap with teammates, with our personal funds. The process of making soap takes several days due to a lot of trial and error. And after the soap making was successful, we gave 10 liters of soap to Perumda PSM. The obstacle caused is the number of errors that occur in the soap-making experiment. And the lack of funds that we collect.



Fig 6. Liquid Soap Making

7. Chlorophyll Juice Making

During this pandemic period, many people in the Alai Parak Kopi area who work as vegetable farmers experienced a decline in their vegetable sales at the market. This causes farmers to experience a decrease in income. Here we take the initiative to make chlorophyll juice by utilizing a local commodity, namely kale, in order to produce more selling value for farmers and this juice also has many health benefits.



Fig 7. Chlorophyll Juice Making

CLOSING

Conclusion

Based on the problems found in the city of Padang and in the village of Alai Parak Kopi and the activities that have been carried out. So it can be concluded that all the activities that have been carried out have reached the target and are running smoothly, and regular education about Covid-19 must be carried out.

The use of kale as a basic ingredient for kale juice can increase the use value and increase additional income for kale farmers, whose sales have decreased due to the COVID-19 pandemic.

Suggestion

Continuous support is needed so that the community continues to carry out or enforce the Covid-19 protocol in order to minimize the addition of patients who are positive for Covid-19.

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