

## **ABSTRAK**

Tujuan penelitian ini adalah untuk menganalisis karakteristik dan kelayakan serta hubungan kelayakan dengan karakteristik usahatani wortel di Kecamatan Lembah Gumanti. Penelitian ini dilaksanakan pada Bulan Maret 2023. Penentuan lokasi penelitian dilakukan secara sengaja (*purposive*), data yang digunakan adalah data primer dan data sekunder. Metode analisis yang digunakan dalam penelitian ini adalah metode deskriptif kuantitatif. Hasil penelitian menunjukkan bahwa Karakteristik petani wortel di Kecamatan Lembah Gumanti Kabupaten Solok sebagai berikut, (1) Umur responden terbanyak berada pada umur 47-50 tahun sebanyak 14 responden (29,17%) (2) Tingkat pendidikan, responden terbanyak adalah SMA sebanyak 20 responden (41,66%). (3) Luas lahan responden mayoritas berlahan sempit sebanyak 26 responden (54,17%) (4) Jumlah tanggungan keluarga yang terbanyak 4 – 5 orang sebanyak 31 responden (64,58%) (5) Pengalaman berusahatani, responden mayoritas berpengalaman sebanyak 40 responden (83,33%) (2) Kelayakan usahatani wortel di Kecamatan Lembah Gumanti layak untuk di usahakan dengan nilai R/C 2,73.

### **Kata Kunci : Karakteristik, Kelayakan, Hubungan**

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*The aim of this research is to analyze the characteristics and feasibility as well as the relationship between feasibility and the characteristics of carrot farming in Lembah Gumanti District. This research was carried out in March 2023. The research location was determined purposively, the data used were primary data and secondary data. The analytical method used in this research is a quantitative descriptive method. The results of the research show that the characteristics of carrot farmers in Lembah Gumanti District, Solok Regency are as follows, (1) The age of the majority of respondents was 47-50 years old with 14 respondents (29.17%) (2) Education level, the largest number of respondents was high school with 20 respondents (41.66%). (3) The majority of respondents' land area is narrow, 26 respondents (54.17%) (4) The largest number of family dependents is 4 - 5 people, 31 respondents (64.58%) (5) Farming experience, the majority of respondents are experienced, 40 respondents (83.33%) (2) The feasibility of carrot farming in Lembah Gumanti District is feasible with an R/C value of 2.73.*

*Keywords: Characteristics, Feasibility, Relationship*