

**Sistem Pendukung Keputusan Pemilihan Pupuk Tanaman Cabai
Berdasarkan Umur Dan pH Tanah Dengan Metode TOPSIS *Fuzzy*.(
*The Decision Support System For Selecting Chili Plants Based on Age
and Soil pH Using the Fuzzy TOPSIS Method*)**
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ABSTRACT

A decision support system is an approach or methodology that is used to assist in decision making in order to support the provision of solutions for a management. The TOPSIS method has a concept where the chosen alternative is the best alternative which has the shortest distance from the positive ideal solution and the farthest distance from the negative ideal solution. the TOPSIS method will produce a ranking based on predetermined criteria and alternatives. Fuzzy logic is a method used to solve a problem that has an uncertainty value. In anticipating the scarcity factor of fertilizers, applying the Fuzzy method will facilitate the calculation of decision making based on the level of fertilizer content.

Keyword: *Decision Support System, TOPSIS, Fuzzy*