

SUMMARY

Dawuhan Wetan Village is a fertile area with considerable potential in plant diversity. The diversity that can be developed in Dawuhan Wetan Village is the diversity of plants that have the potential as bioherbicides. The plants in Dawuhan Wetan Village that have the potential as bioherbicides are not widely known as species or for other information, so this needs to be further researched to be able to provide information about the species and morphological characters of plants that have the potential as bioherbicides that grow in Dawuhan Wetan Village.

This study aims to determine the morphological character and species of potential plants as bioherbicides in Dawuhan Wetan Village. This research was conducted in Dawuhan Wetan Village using a survey method with purposive sampling techniques. The independent variables observed in the form of morphological characters of plants have the potential to be bioherbicides. The dependent variables observed are plant species that have the potential to be bioherbicides. The parameters observed are the morphological character of plants, plant species, and the utilization of plant parts potentially as bioherbicides. The data obtained from the observation results are analyzed descriptively.

The morphological character of plants with potential as bioherbicides in Dawuhan Wetan Village shows diversity on root organs, rhizomes, stems, leaves, flowers, fruits and seeds. Plant species with the potential as bioherbicides that grow in Dawuhan Wetan Village obtained as many as 22 plant species from 17 families. The most common species found from the Poaceae family as many as 4 species.

Keywords: *bioherbicide, Dawuhan Wetan, inventory, morphology*

