

7. Development of Weed Control Sprayed Stratum Using Wooden Wastes and Coal Ash

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A method was developed for controlling weeds by spraying a stratum produced from wooden wastes, such as drift wood, and coal ash from thermal power plants. Spraying the substrate on paths in parks and roadside slopes is effective for keeping scenic beauty, recycling wastes, reducing maintenance costs and controlling weeds. Method for designing the mix proportion and applying the substrate were developed by conducting laboratory tests, field tests, and durability tests. The substrate is produced from chipped wooden wastes, coal ash, cement and water. Wooden wastes can be drift wood, branches of cut trees and construction wastes.

Key words : wooden wastes, coal ash, sprayed stratum, effective use, weed control