

循環農業技術與示範場域

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神農山莊

神農山莊場域介紹

神農山莊屬農、林、水、畜之綜合性農場，生產規模之家禽養殖肉雞 3,000-5,000 隻/期、蛋雞 2,000-2,500 隻/年不等，依市場及內部需求進行養殖量調整，經計算，雞糞量為 150-200 公噸/年。作物殘體、格外品、枯枝落葉等剩餘物質之年產出量則約 200-300 公噸，農場產生之農業剩餘物質經臺中區農業改良場之技術處理後，可 100% 循環利用於場域中。除此之外，以菇蕈生產剩餘物質進行雞舍墊料製作約需 200-250 公噸/年之量，總計本示範場域年循環之農業生產剩餘物質量可達 550-750 公噸。

Shennong Mountain Villa is a comprehensive farm. The production scale of poultry breeding broilers is 3,000-5,000/period and laying hens 2,000-2,500/year. The breeding volume is adjusted according to market and internal needs. Calculated, the amount of chicken manure is 150-200 tons per year. The annual output of crop residues, exceptional products, litter and other residual materials is about 200-300 tons. After the agricultural residual materials produced by the farm are processed by the technology of the Taichung District Agricultural Research and Extension Station, they can be recycled 100% in the field in. In addition, it takes about 200-250 tons/year for the production of chicken house litter with the surplus substances produced by mushrooms, and the total quality of the annual agricultural production residues in this demonstration field can reach 550-750 tons.



以菇草生產剩餘物質作為雞舍養殖用墊料之使用情形

Use of waste materials from mushroom production as bedding for chicken house breeding



循環物質利用場域處理情形

Recycling material utilization place



循環物質應用於葉菜種植之成效

The effect of using recycled materials in vegetable cultivation