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Influence of Carbon fixation on the mitigation of Greenhouse Gas emissions from Livestock activities in Italy and the achievement of Carbon neutrality

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Abstract

the soil, the production of fertilizers and pesticides then subtracted otherproduction cycles. from the atmosphere. In addition, the emissions fixed by the main

Among the greenhouse gas emissions due to livestock activities crops of zootechnical interest was calculated, electricity, fuels, and there is, in addition to rumen methane, that which derives from the the operation of machines, were also taken into account. The fermentation and management of manure from farmed animals, results of this elaboration show that in Italy the CO2 fixed in the To feed the farmed animals, plants are used that fix carbon and vegetation cultivated to feed animals is about 10% higher than the therefore subtract carbon dioxide from the atmosphere. The sum of that emitted by the animals reared and by the entire emissions related to rumen fermentations, those related to process that is part of it. It could therefore be argued that the manure, management, and spreading of animals of species influence of carbon fixation should probably be taken into account reared in Italy, as well as manure released by grazing animals to calculate the environmental impact in terms of carbon footprint were quantified and summed. The emissions due to the of agricultural and animal products. In this way, carbon neutrality respiration of animals were calculated and the carbon dioxide and would be demonstrated, which characterizes the production from the cultivation of plant species, attributable to the working of processes of agricultural products and animal productions unlike

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