A ready reckoner of fertilizer doses has been prepared considering different yield targets at different fertility status of the soils (Table 4) which will be useful for extension officers, scientists and farmers alike in balanced fertilization of crop for targeted yield. These equations will be useful in red, laterite and yellow soils (Inceptisols and Alfisols) which constitute 84% of the total geographical area of Odisha.

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Ants indicate urbanization pressure in sacred groves of southwest India: A pilot study

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Sacred groves may contain remnants of pristine and primary forests outside the state-owned protected area system. As they are small fragments and located in the neighbourhood of human settlements, towns, and cities, they are likely to be affected by urbanization. We studied the effect of urbanization on the ecosystem health of sacred groves of Kerala using litter-dwelling ants as the indicator taxa. Ants were pitfall-trapped (10–12 traps/sacred grove) from three rural and two urban sacred groves, and identified to species. Overall, 1,119 ants of 32 species and 6 subfamilies (Aenictinae, Dolichoderinae, Ectatomminae, Formicinae, Myrmicinae and Ponerinae) were collected. This corresponds to 76.54% of the estimated

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