عنوان مقاله:

Forecasting of organic crop yield based on fuzzy neural network system

محل انتشار:

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نویسندگان:

Alireza Karbasi - *Associate Professor of Agricultural Economic Department, Ferdowsi University of Mashhad,*

Nastaran Najkar - *Ph. D. Student of Agricultural Economic, Campus of Ferdowsi University of Mashhad*

خلاصه مقاله:

This paper evaluates the production yields of organic farming approach to an adaptive –network-based fuzzy inference system (ANFIS) – fuzzy data. For each type, ANFIS models have been constructed and tested in order to find the best ANFIS. The inputs that used for ANFIS network were pesticide, fertilizer, irrigation water, labor, energy (machine, electricity). Results are then compared with respect to mean absolute percentage error (MAPE), Root mean square normalized error (RMSE) and correlation coefficient (R).

کلمات کلیدی:
Adaptive- network- fuzzy system

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