



Research Article

Validation and assessment of economic impact of agro advisories issues based on medium range weather forecast for Dharwad district of Karnataka

■ U.V. MUMMIGATTI, N.E. NAVEEN, P. THIMME GOWDA AND U.K. HULIHALLI

ARTICLE CHRONICLE :

Received:

22.02.2013;

Revised :

08.04.2013;

Accepted:

05.05.2013

SUMMARY : The validation of medium range weather forecast issued from NCMRWF on various weather parameters and the impact of agro advisories issued based on this medium range weather forecast for Dharwad district of Karnataka between the period from 2001-02 to 2010-11 are discussed in this paper. The usability of different forecast weather elements was more than 70 per cent in most of the years except for rainfall which was less than 50 per cent. Further, the feed back from farmers for rating of revealed that the advisories issued for day to day farm activities, indicated that 35 per cent as excellent and 32 per cent as satisfactory. The economic impact varies from 4.76 to 16.66 % economic gain to the AAS farmers over non AAS farmers based on the crops they cultivated.

How to cite this article : Mummigatti, U.V., Naveen, N.E., Gowda, P. Thimme and Hulihalli, U.K. (2013). Validation and assessment of economic impact of agro advisories issues based on medium range weather forecast for Dharwad district of Karnataka. *Agric. Update*, 8(1&2): 260-264.

KEY WORDS:

Weather forecast, Per cent usability, Agro-advisories, Economic impact

Author for correspondence :

U.V. MUMMIGATTI

Integrated Agromet
Advisory Services,
Directorate of Research,
University of
Agricultural Sciences,
DHARWAD (KARNATAKA)
INDIA

Email: aasunitdharwad@gmail.com

See end of the article for
authors' affiliations