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The Length of Growing Period in Dryland Farming – A Review

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Abstract: Dryland farming accounts for major part of food production worldwide .There are various factors to be considered in this farming to increase the crop production. Among those is the length of growing period, the soil type, cropping pattern used and the amount of water retaining capacity of soil .A wide knowledge of these factors will help to increase the crop productivity in dryland farming.

Keywords: Long LGP, Start of Growing Period and semi arid land

REFERENCES

[1]. Fischer, G.2009. No of growing period data. GAEZ project (IIASA/FAD)

- [2]. Inthavong, T., Tsubo, M., &Fukai, S. (2011). A water balance model for characterization of length of growing period and water stress development for rainfed lowland rice. Field Crops Research, 121(2), 291–301. Doi:10.1016/j.fcr.2010.12.01910.1016/j.fcr.2010.12.019
- [3]. Mahadevaswamy, M.,S Ramesh,S.S Sreenivas,2016.Determining the length of growing period for efficient crop planning and sustaining farm productivity in the rainfed STZ of Karnataka,**Tab.Res.42**,**No**,1:20-23
- [4]. Peterson, G. A., Unger, P. W., Payne, W. A., Stewart, B. A., Koohafkan, P., &Ramamoorthy, K. (2006). Dryland Agriculture Defined and Its Importance to the World. Agronomy Monograph. Doi:10.2134/agronmonogr23.2ed.c110.2134/agronmonogr23.2ed.c1
- [5]. R. P. SAMUI, R. BALASUBRAMANIAN and M. V. KAMBLE India Meteorological Department, Pune 411 005, India (Received 12 July 2011, Modified 15 December 2011).

