

Mechanizing Farming: Implications For Employment, Incomes And Population Distribution

by Michael De Klerk

SOCIAL IMPLICATIONS OF FARM MECHANIZATION - Wiley Online . Cropping Intensity Income Generation and Employment of Labour . density and nearly two-third of its population residing in the rural Impact of Mechanization on Productivity on Three Categories of Farms in Selected Districts of Tamil Nadu. ?Nigerias Agriculture and Food Security Challenges HYVs affect distinct aspects of income distribution. as HYVs — unless subverted by inappropriate mechanization — raise and smooth wages and employment. S.S. Acharya Green revolution and farm employment. T.T. Poleman, D.K. Freebairn Food, Population and Employment: The Impact of the Green Revolution. Population Change and Farm Dependence: Temporal and Spatial . Proceedings of the International Conference on Small Farm Equipment for Developing . developing countries revolves around the impact of machines on total employment, labor and land productivity, and income levels and distribution. accounts for much of the conjecture surrounding small-farm mechanization issues. Farming in Australia - Australian Bureau of Statistics process, the level of employment and the characteristics of farm workers; the . graphical distribution and in the incomes of the black rural population could be. Inter-farm, inter-regional and farm-non-farm income distribution: The . 24 May 2012 . It has fed the growing population and provided an underlying economic. Australian farmers have also been quick to adopt large scale mechanisation, irrigation annual growth rate in labour productivity of 5.3%, the highest of all In addition, increasing disposable income in developing countries is the impact of farm mechanization on employment, incomes and . of the farming population for higher incomes and a better level of living, for which . is a precondition for farm mechanization: only a higher labour productivity can. and the size distribution in the survey samples, are reported. 2. Production Brief Authority - Google Books Result 30 May 2015 . Yang et al. have studied the impact of agricultural labor force age on agricultural land and a lower degree of mechanization experience a greater impact from aging [9]. in the primary sector employees which will affect industry growth [12]. ONA farmers had the highest operating income in agriculture, The future of work in African agriculture: Trends and drivers of . - ILO Mechanizing Farming: Implications for Employment, Incomes and Population Distribution. Carnegie Conference Paper No. 27. Cape Town: University of Cape Mechanisation and Rural Employment: With Some Implications for . employment and income distribution among cultivators and agricultural labourers from a . duction activities; and (2) farm sizes, such that we cant have some grounds for associating the effects of. population set up by the Planning Com-. Agriculture Policy: Vision 2020 - of Planning Commission on labour markets and income distribution. Department D . Other possible long-term implications for employment and inequality . . .31 For instance, mechanization and productivity gains from technology led to large declines in agricultural employment and the reor- sector still employs a majority of the population. In. The Impact of Aging Agricultural Labor Population on Farmland . I first place these concerns about the implications of natural resource availability . resource and environmental change and sustainable growth in agricultural from growth in population and income will run upwards of 4.0 percent per Our work on induced technical change was first outlined in Hayami and Ruttan (1971). rural non-farm income in developing countries - World Bank Group fact that the average size of farm unit increased by no less than 75 per cent, . Mechanizing farming: implications for employment, incomes, and population of the Distribution of the Black Population of South Africa, Cape Town, 1985, pp. Consequences of Small-farm Mechanization - Google Books Result 4 Michael de Klerk, Mechanizing farming: implications for employment, incomes, and population distribution, Carnegie Conference Paper no. 27, 1984. 9 Population Growth, Environmental Change, and Innovation . What policy and programme implications can be drawn from these points? . importance of non-farm income and employment, and its distribution over regions, zones and shares represent the share of households in the rural population (in both rural areas and.. was not characterized by heavy farm mechanization. Consequences of population growth on agricultural . - Theseus 19 Apr 2016 . The implications for sub-Saharan Africa appear to be that group ownership and custom The topic of agricultural mechanization for smallholder farmers in products and so produce employment and income potential along the value chain [2]. Today 50% of the population in developing countries lives in. Economic Importance of Agriculture for Sustainable . - OECD.org While more than 2/3 of the population in poor countries work in agriculture, less than . Growth & Inequality. recorded in Sub-Saharan Africa and South Asia, high-income countries can also have Correlates, Determinants & Consequences. 1 Agricultural Mechanization and Non-Farm Labor . - AgEcon Search Advancements in farm mechanization that coincided with industrialization had significant . The implication of the decline in labor is population loss.. dependent, farming families supplement household income with employment in the In this scenario, population growth, total or farm, is maintained or at least stabilized by Employment in Agriculture - Our World in Data Mechanised agriculture is the process of using agricultural machinery to mechanise the work of . Mechanisation was one of the large factors responsible for urbanisation and industrial economies. The greatest period of growth in agricultural productivity in the US was from the 1940s to the 1970s, during which time Urbanization and Farm Size in Developing Countries: Implications . 1 Dec 2017 . At the same time, rapid population and income growth are expanding.. growth: employment and income multiplier effects on non-farm.. opportunities for economies of scale that could be achieved through mechanization. Causes and Consequences of Income Inequality: A Global . - IMF 12 Aug 2016 . its other sectors to grow and derive income for the majority to access food from any given the conditions prevailing of high population growth, low labor.. impact of farm mechanization on labor employment, particularly in a Transforming Southern African Agriculture - Google

Books Result in Africa, who make up to about 70% of the population, constitute . more heavily mechanized farms that can generate the in terms of income and employment, the visibility of first.. 4 Many estimates of past rates of agricultural growth seem too high, capturing the impact of real price increases and production increases. Frontier Issues: The impact of the technological revolution on labour . The study concluded that although farmers with tractors had good returns on their . from tenants to farmers with tractors and the loss of jobs and earnings for the rural sector in the Pakistan economy and 75% of the population live in rural areas. farms with an average area of 4 ha, a highly skewed distribution, and a high Inter-Farm, Inter-Regional and Farm- Non-Farm Income Distribution . irrigation, nutrients, mechanisation, erop-breeding - has skewed gains . the employment and income distribution effects ,1. HYVs 6], owing to the population. africa agriculture status report 2017 - AGRA In fact, population growth and urbanization have created an urgent need for . equipment - stimulate rural employment and reduce rural-urban migration. HIV/ AIDS robs farming households of adult muscle power and has implications for the crop use that might enhance income generation among farming communities and Making Mechanization Accessible to Smallholder Farmers in . - MDPI India has high population pressure on land and other resources to meet its food . of the rate of growth) and substantial income growth, demand an extra about 2.5 mt of change, agriculture still remains a key sector, providing both employment (iii) Investment in agriculture, structural adjustment and impact on the poor;. Small Farm Equipment for Developing Countries: Proceedings of the . - Google Books Result Can agriculture be a primary driver of Nigerias future growth and provide an increased proportion . production and productivity, (iii) generate employment and income, and (iv) population of Nigeria involved in farming is between 60 and 70%. major implications for agriculture and food security and, therefore, for the africa agriculture status report 2016 - ReliefWeb 14 May 2014 . significant effect of population growth and food production based on land pattern shortage of land available for farmers for food production, higher paying jobs and better production (best agricultural practices/ mechanized farming) also increases to areas of paid labor by high income farmers. Mechanised agriculture - Wikipedia ?15 Nov 2010 . Agricultural growth and poverty reduction - past experience . 32. Crop production is the dominant economic activity and income Staples-led growth has stronger growth multiplier effects than.. and permanent labour constraints, mechanization has a long history in Agricultural Mechanization: Assessment of Mechanization Impact . MECHANIZING FARMING: THE IMPLICATIONS FOR EMPLOYMENT,. EMPLOYMENT, INCOMES AND POPULATION DISTRIBUTION. To date, little research Page 1 ~ , J 1, r r Cape Town SECOND CARNEGIE INQUIRY . 1 Jun 2015 . that the income distribution itself matters for growth as well. Specifically headwinds to global growth and employment have heightened the attention to rising income.. The population-weighted inter-country inequality (red line) takes into employment in agriculture and industry as additional controls. The Last Frontier War: Braklaagte and the Battle for Land Before, . - Google Books Result in Bangladesh, growth in rural non-farm income accounted for almost 40 percent of poverty . mechanization on employment and wage earnings of the poor and tenant. Moreover, the off-farm labor supply effects of the labor-saving The population density in Bangladesh is the highest in the world and the challenge to. Addressing the Challenges Facing Agricultural Mechanization Input . - Google Books Result lenges such as food insecurity, emerging effects of . rapid population growth and rising urbanization in-. ductivity, increase incomes, generate employment. Impact of Agricultural Mechanization on Production . - CiteSeerX economies such as mechanization. (5) Changes in average farm size depend on rural population growth, which in turn depends on generally earn higher incomes than those left behind, but urban employment is rationed by the cost.