

Original Article

## Manpower Utilization in New Born Management Activities in Organized Swine Farm

Mamta<sup>1</sup>, Mukesh Singh<sup>2</sup>, Manav Singh<sup>3</sup>, Rajneesh Sirohi<sup>4</sup>, Deep Narayan Singh<sup>5</sup>

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### Abstract

Rearing of pigs in India is predominantly occupied by marginal, small and semi-medium farmers which are mostly following unorganized system of pig production. Intensive pig production has been grown all around the world and also have quite a potential in India as well. Labour in an organized farm is the most critical resources which influences the profitability of it. Information about the manpower utilization for various pig farm operations is essential for the viewpoint of manpower deployment and management. A Time motion study was conducted at Swine Production Farm, IVRI, Izatnagar, Bareilly, Uttar Pradesh to find out the existing manpower utilization in new born management activities for litters belonging to Desi, Landrace, and Crossbred breed dams. Three litters consisting of 7 piglets each were utilized to record the time spent in different management activities in each group of dam. The time spent in cleaning of farrowing pen was significantly higher ( $p < 0.05$ ) for Desi dam than the landrace and Crossbred dams. Time spent in attending new borne activities was also significantly higher ( $p < 0.05$ ) for Desi dam than the landrace and Crossbred dams.

**Keyword:** pigs; manpower; new born management; Desi; Landrace; and Crossbred dams.

## INTRODUCTION

In India pig rearing and pork industry are in the hands of traditional pig keepers belonging

**Author's Affiliation:** <sup>1,4,5</sup>Assistant Professor, Department of Livestock Production Management, College of Veterinary Science and Animal Husbandry, Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya Evam Go-Anusandhan Sansthan, Mathura 281001, Uttar Pradesh, India, <sup>2</sup>Principal Scientist, LPM Division, Indian Veterinary Research Institute, Izatnagar, Bareilly 243122, Uttar Pradesh, India, <sup>3</sup>Veterinary Officer, Government Veterinary Hospital, Baghpat 250626, Uttar Pradesh, India.

**Coresponding Author:** Mamta, Assistant Professor, Department of Livestock Production Management, College of Veterinary Science and Animal Husbandry, Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya Evam Go-Anusandhan Sansthan, Mathura 281001, Uttar Pradesh, India.

**E-mail:** drmamta.vety@gmail.com

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to the lowest socio-economic stratum.<sup>2</sup> Rearing of pigs in India is predominantly occupied by marginal (52.36%), small (20.9%) and semi-medium (15.42%) farmers<sup>1</sup> and mostly they are following unorganized system of pig production as simple backyard pigs, pigs living on garbage belts to family operated farms. Intensive pig production has been grown all around the world and has increased with greater pace in Asian countries in more recent years.<sup>3</sup> Restructuring of farms and agribusinesses is constantly occurring through mergers, consolidations and reorganization.<sup>4</sup> Growth in pig production industry has been accompanied by a shift to confinement farms and farms with multiple sites and by the use of many cost saving technologies.<sup>5</sup> Labour is an important resource in the seven day-a-week piggery business