ANNEXURE-II

**DESCRIPTION OF PIG VARIETY**

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| **Sl. No.** | **Item** | **Description** |
| **I. GENERAL DESCRIPTION** | | |
|  | Name of the variety |  |
|  | Background of such name |  |
|  | Name of organization |  |
|  | Specific purpose for which developed (breeding/fattening/any other *viz.* pork quality, bristle etc.) |  |
|  | Unique characteristic of variety |  |
|  | Details of development of Variety (flow diagram of breeding plan with detail description) |  |
|  | Composition of variety (blood inheritance, in percentage of base breeds) |  |
|  | State that the production characters are stabilized or not for last three generations. |  |
|  | Estimated present population (including field animals)  Effective population size  No. of breeding males  No. of breeding females |  |
|  | Specify the locations of field testing (minimum 3 locations) |  |
|  | Any other information |  |
| **II. PHYSICAL CHARACTERS** | | |
| a) | Morphological characters | |
| Colour  Distinctive colour marking, if any |  |
| Snout profile (Straight/Convex/Concave) |  |
| Ear (Erect/Pendulous/Horizontal) |  |
| Coat (Short/Long bristle) |  |
| Hoof placement (Partial/Full) |  |
| Topline (Concave/Straight) |  |
| Belly (Pendulous/Horizontal) |  |
| Number of teats |  |

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| **III. PERFORMANCE** *(based on minimum of 200 records for farm and 100 records for field conditions):* | | |
| a) | Body measurements (cm) | |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | Parameters | | On Farm performance | | | Field performance | | | | Mean | Range | N | Mean | Range | N | | Chest girth | Male |  |  |  |  |  |  | | Female |  |  |  |  |  |  | | Body length | Male |  |  |  |  |  |  | | Female |  |  |  |  |  |  | | Height at withers | Male |  |  |  |  |  |  | | Female |  |  |  |  |  |  | | Neck girth | Male |  |  |  |  |  |  | | Female |  |  |  |  |  |  | |
| b) | Production and reproduction | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | Trait | | On Farm performance | | | Field performance | | | | Mean | Range | N | Mean | Range | N | | Avg. Litter size at birth (no.) | |  |  |  |  |  |  | | Avg. Litter weight at birth (kg) | |  |  |  |  |  |  | | Avg. weight/piglet at birth (kg) | |  |  |  |  |  |  | | Avg. Litter size at weaning (no.) | |  |  |  |  |  |  | | Avg. Litter weight at weaning (kg) | |  |  |  |  |  |  | | Avg. weight/piglet at weaning (6Wks) (kg) | |  |  |  |  |  |  | | Pre-weaning growth rate (g/d) | |  |  |  |  |  |  | | Post-weaning growth rate (g/d) | |  |  |  |  |  |  | | Weight at 8 m of age/slaughter (kg) | |  |  |  |  |  |  | | Adult weight (kg) | Male |  |  |  |  |  |  | | Female |  |  |  |  |  |  | | Feed conversion efficiency (FCE)  Upto 8 months | |  |  |  |  |  |  | | **Adaptive traits** | | | | | | | | | Pre-weaning mortality rate (%) | |  |  |  |  |  |  | | Post-weaning mortality rate (%) | |  |  |  |  |  |  | | **Carcass traits** | | | | | | | | | Carcass weight (kg) | Hot |  |  |  |  |  |  | | Cold |  |  |  |  |  |  | | Dressing percentage (%) | |  |  |  |  |  |  | | Carcass length (cm) | |  |  |  |  |  |  | | Loin eye area (inch2) | |  |  |  |  |  |  | | Back fat thickness (cm) | |  |  |  |  |  |  | | **Reproduction traits** | |  |  |  |  |  |  | | i). Males: | | | | | | | | | Age at first mating (days) | |  |  |  |  |  |  | | ii) Females: | | | | | | | | | Age at first oestrus (days) | |  |  |  |  |  |  | | Oestrous cycle duration (days) | |  |  |  |  |  |  | | Oestrus duration (hrs) | |  |  |  |  |  |  | | Age at first mating (days) | |  |  |  |  |  |  | | Age at first furrowing (days) | |  |  |  |  |  |  | | Furrowing interval (days) | |  |  |  |  |  |  | | Lifetime number of furrowings | |  |  |  |  |  |  | | Productive life span (months) | |  |  |  |  |  |  | | |
| c) | Number of animals of proposed variety distributed year-wise for field study | |  |  |  |  | | --- | --- | --- | --- | | Year | No. of Animal distributed | States, where distributed | No of beneficiaries | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | | Total |  |  |  | |
| d) | Package of practice for optimal performance of the developed variety. |  |
| e) | Any specific geographical area for best performance of the variety |  |
| **IV. ADDITIONAL INFORMATION** | | |
| a) | Any other information (if any) |  |