ANNEXURE-II

**DESCRIPTION OF PIG VARIETY**

|  |  |  |
| --- | --- | --- |
| **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 malesNo. of breeding females |  |
|  | Specify the locations of field testing (minimum 3 locations) |  |
|  | Any other information |  |
| **II. PHYSICAL CHARACTERS** |
| a) | Morphological characters |
| ColourDistinctive 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 |  |

|  |
| --- |
| **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) |  |