



# AGONDA GOAN; A PRIDE INDIGENOUS LIVESTOCK BREED OF GOA

**A**gonda Goan is medium sized local pig of Goa which is black with short snout and rough bristles. It is preferred mainly for pork production and for sausage making and breed is known for its high dressing percentage. Agonda Goan pig has been validated in its breeding tract and found true to breed characteristics which therefore registered under ICAR-National Bureau of Animal Genetic Resources-NBAGR (Accession No: INDIA\_PIG\_3500\_AGONDAGOAN\_09003) during 2015. This is the third indigenous pig breed registered in the country, the other two being Ghunghroo (West Bengal) and Niang Megha (Meghalaya).

## Breeding tract and population distribution

Breeding tract of Agonda Goan pig is geographically distinct and isolated, without overlapping with that of any other recognized indigenous pig breed. It is well adapted to local coastal environment. Agonda Goan pigs are distributed in both the districts (North and South Goa) of Goa state and its population is sufficiently large (37,556 according to 19<sup>th</sup> Livestock census); however, South Goa seems to have more number of animals.

It is reared in both North Goa and South Goa district of the Goa State. This pig is densely populated in Tiswadi, Bardez and Pernem Talukas of North Goa and Mormugao, Salcete, Quepem and Canacona Talukas of South Goa. Pig breeders/farmers are maintaining the animals with high purity and the population is evolved through their continuous selection.

Agonda Goan Breed of the pig plays major role in the profitability of pig rearing in Goa region. Early maturity, good mothering ability, better adoption and sustain on scavenging are the important characters of this breed. It is better for crossbreeding with exotic breed so as to get better adaptability and disease resistance.



## Breed characteristics



This pig is mostly black colored some time white patches on legs and face are found. It has rough bristles black and gray in color with slightly concave topline. Male animals are little wild in nature weighing 40-60 kgs and get sexually mature early i.e. 78 to 120 days. Females are good mothers.

## Important Physiological Parameters

Parameters	Male	Female
Weight at birth	630 g (300 - 900 g)	580g (280 - 900 g)
Weight at breeding	40 to 60 kg	46 to 73 kg
Age at breeding	5 - 6 months	6 - 8 months
Age at early sexual maturity	4 months (78 - 120 days)	5 months
Oestrus cycle	--	16 - 21 days
Oestrus duration	--	22 - 36 hrs
Litter size	--	7 - 9 piglets
Gestation period	--	112 days
Back fat thickness	4.5 - 5 cm	4.5 - 5 cm
Dressing percentage	70 - 72 %	70 - 72 %



## Publications

- Chakurkar, E. B., Naik, S. S., Barbuddhe, S. B., Karunakaran, M., Naik, P. K., & Singh, N. P (2016). Seminal attributes and sperm morphology of Agonda Goan pigs. *Journal of Applied Animal Research*, 44(1), 130-134.
- Chakurkar, E. B., Naik, P. K., Swain, B. K., & Singh, N. P. (2014). Performance of Crossbred Pigs Reared Under Traditional and Scientific Feeding Practices in Goa. *Animal Nutrition and Feed Technology*, 14(2), 405-409.
- Chakurkar, E. B., Naik, P. K., Swain, B. K., & Singh, N. P. (2012). Performance of Different Breeds of Piglets on Starter Diets. *Indian Vet. J.*, 89(4), 85-86
- Chakurkar, E. B. (2012). Scientific Pig farming. Extension folder 50/2012.
- Chakurkar, E. B. (2009). Synchronization of estrus in local and Large White Yorkshire sows under coastal climatic conditions. *Indian Journal of Animal Reproduction*, 30(2), 39-41.



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