

" PORK'S WATER DRINK WITH MOLASSES LIKE
SUBSTITUTE OF PARTIAL GRAINS RATION. "

An research work was performed in the experimental posta "Cofradia" property of the Facultad de Medicina Veterinaria y Zootecnia de la Universidad de Guadalajara, located in the Municipio of Tlajomulco of Zúñiga in the state of Jalisco, with the purpose to prove the effectiveness of replacing 10 % grain sorghum in feed lots rations in their growing, development and finishing porks stages, according 16, 14 y 12 % of crude protein in any case to 5 % of molasses mixed in water that porks usually drink ad-libitum. It's necessary to take the measurement of feeding consumption and conversion of the sample treated to compare this parameters with the witness, after that to make an economical analysis of production costs by kilogramos of meat in relation to feeding cost into the area of this study.

The present work performed, was made in base of two experiments; in the first we have utilized 36 porks selected by chance improving the productivity of growing and development stages with 16 and 14 % of crude protein in each case; in the second, it was performed with 20 porks selected by chance improving in this case the development and finishing productive stages with 14 and 12 % of crude protein in each case. In both experiments the lots were separated in two similar amounts of animals with the same weight, age, sex, vaccination and had the standard instalations, being in each case one for experimental and one for witness.

Conclusion.- The economical results obtained by experimentally with this form of feeding (treated lots) gave a saving of 16.62 % in the first experiment and 6.76 % in the second experiment in relation to the feeding costs in the traditional form (witness lots).

Note.- At the present time we are making a similar research, but with a light difference, we are utilizing 5 % of sugarcane molasses mixed with balanced feed rations and we use that in substitution to a 10% of grain sorghum. The preliminary results of this work pointing out great similitude with to mix the final molasses with the drinking water for the porks and offer it to them in ad-libitum.

Selected references: Babatunde G.; M. Fetunga B.L. and Oyeguna U.A. J.Anim.Sci.40:632-639; Bancourt R; Bravo FCO, Cabello Eduardo. Técnica Pecuaria en México 38.42; Brooks C.C. and I.I. Iwanaga. J.Anim. Sci.26:741; Buitrago J.H., Obando J. Maner J. Corzo M. Moncada. I.C.A.- C.I.A.T. 7-14; Burgstaller. G 1975 23.(8) 267-268; Combs G.E. and Wallace H.D. 1970 Florida Agrs. Exp. Sta. Gainesville Florida; Cruz Samuel de la. S.A.R.H. 1981; Iwanaga I.I. and L.K. Utagaky. Anim. Soc. Production No. 10:27; LY J. Diaz J. Journal Cuban of Agricultural; Maner J, Gallo J., Corzo and

Buitrago J. 1969. Anim. Sci. Vet. 29:139; Manzano Gómez J. de J.1977 Agr. U. de G.; Rico - C., Menchaca M.A. 1979 Cuban Ciencia Animal v.13 (3) 273-281.; Roman P.H., F.Bravo, H. Merino. 1971 tesis MVZ. U. A. de Mex.; Shimada Armando M.V.Z. y H. Merino M.V.Z. Depto de Nutrición del I.N.I.P. SAG, Mex.; U.N.P.A.S.A. 1981 - (estadísticas); Walter R. Thesis Ecole Nat. - Vet. Alfort No. 39; Wyllie D., Lekule F.P. -- World Agricultural Economics and Rural Sociology Abstracts; Zorrilla J. Forty years of research on pig nutrition at the Nird 25-37; Gómez Priego H. Programa Nacional de Aprovechamiento Forrajero. 1981.