

เอกสารอ้างอิง

- กีรติกร พูลทวี. 2544. การเสริมซีลเนียมคีเลตในอาหารที่มีต่อสมรรถภาพการผลิตกระด่ายรุ่น.
ปัญหาพิเศษ. ปริญญาวิทยาศาสตร์บัณฑิต. ภาควิชาสัตวศาสตร์ คณะเกษตรศาสตร์
มหาวิทยาลัยเชียงใหม่.
- ธวัชชัย คำรินทร์, โพธิ์ศรี สีลาภัทร และสุกัญญา ลินพิศาล. 2544. การวิเคราะห์ปริมาณซีลเนียม
ในน้ำนมมารดาโดยเทคนิคไฮโดรเจโนเรชันอะตอมมิกแอบซอฟท์ชันสเปกโกรโฟโตเมตรี.
รายงานผลการวิจัย. สถาบันวิจัยวิทยาศาสตร์สุขภาพ มหาวิทยาลัยเชียงใหม่.
- นิธยา รัตนาปันนท์ และ วิญูลย์ รัตนาปันนท์. 2535. โภชนาศาสตร์เบื้องต้น. คณะแพทยศาสตร์
มหาวิทยาลัยเชียงใหม่.
- บุญลือ เพื่อกผ่อง, บุญล้อม ชิวอิสรະกุล, สัญชัย จตุรสิทธา และขวัญชาติ อุดมครี. 2532.
การใช้ข้าวเปลือกเหนียวในอาหารสูตร. การศึกษาการย่อยได้ สมรรถนะการผลิตและ
คุณภาพของสุกรเพคผู้ เพคผู้ตอน เพคเมีย เพคเมียตอน ที่ใช้ข้าวเปลือกเหนียวบด
ในสูตรอาหาร. สุกรสารสน. ปีที่ 16, 61 : 9.
- ประกาศกระทรวงเกษตรและสหกรณ์. 2529. พระราชบัญญัติควบคุมคุณภาพอาหารสัตว์
พ.ศ. 2525. สูตรไฟศาล : กรุงเทพฯ. 151 - 154.
- ปราณี ผ่องแพ้ว. 2539. โภชนาศาสตร์ชุมชน : ในสังคมที่มีการเปลี่ยนแปลงภาวะแวดล้อมอย่าง
รวดเร็ว. ลิฟวิ่ง ทรานส์ มีเดีย จำกัด : กรุงเทพฯ.
- ศิริพร วงศ์เลิศประยูร. 2545. สถานการณ์สุกรปี 2544 และแนวโน้มปี 2545. สุกรสารสน. ปีที่ 28,
111 : 5.
- สัญชัย จตุรสิทธา. 2534. การจัดการเนื้อสัตว์. ภาควิชาสัตวศาสตร์ คณะเกษตรศาสตร์
มหาวิทยาลัยเชียงใหม่.
- สัญชัย จตุรสิทธา. 2543. เทคโนโลยีเนื้อสัตว์. โรงพิมพ์ชั่นบรรณการพิมพ์. เชียงใหม่.
- AOAC. 1984. Official Methods of Analysis. 14th edition. AOAC Inc.
- AOAC. 2000. Official Methods of Analysis of International. 17th edition. volume 1.
- AOAC international. Maryland.

- Arora, S.P., K. Parvinder, S.S. Khirwar, R.C. Chopra, and R.S. Ludri. 1975. Selenium levels in fodders and its relationship with Degnala disease. *India. J. Dairy Sci.* 28 : 249.
- Ashmead, H.P. 1993. The Role of Amino Acid Chelates in Animal Nutrition. Noyes Publication. New Jersey.
- Cantor, A.H., D. Nash, and T.H. Johnson. 1984. Toxicity of selenium in drinking water of poultry. *Nutr Reports Int.* 29 : 683.
- Diaz-Alarcón, Juana P., Miguel Navarro-Alarcón, Herminia López-García de la Serrana, and María C. López-Martínez. 1996. Determination of selenium in meat products by hydride generation atomic absorption spectrometry-selenium levels in meat, organ meats, and sausages in Spain. *J. Agric. Food Chem.*, 44 : 1494.
- Dilworth, G.L. and R.S. Bandurski. 1977. Activation of selenate by adenosine – 5'- triphosphate sulfurlyase from *Saccharomyces cerevisiae*. *Biocheml J.* 163 : 521.
- Dinkel, C.A., J.A. Minyard, E.I. Whitehead, and O.F. Olsen. 1957. Selenium and Cattle. Circular no. 135 South Dakota agricultural experiment station.
- Dreosti, I.E. 1986. Selenium. *J. Food and Nutr.* 43 : 6.
- Driskell, J.A., X. Yuan, D.W. Giraud, M. Hadley, and M.J. Marchells. 1997. Concentration of selected vitamins and selenium in bison cuts. *J. Anim. Sci.* 75 : 2950.
- Dwyer, F.P. and D.P. Mellor. 1964. Chelating Agents and Metal Chelates. Academic Press. New York.
- FDA. 2000. Food compliance program : food composition, standards, labeling and economics dietary supplements-import and domestic. [Online].
<http://www.cfsan.fda.gov/~comm/cp21008.html>. [2000, February]
- Ganther, H.E. 1971. Reduction of selenotrisulfide derivative of glutathione to a persulfite analog by glutathione reductase. *Biochemistry.* 10 : 4089.
- Georgievskii, V.I., B.N. Annenkov, and V.I. Samokhin. 1982. Mineral Nutrition of Animal. Butterworths.
- Gerhard, N. S. 2000. Selenomethionine : A review of its nutritional significance, metabolism and toxicity. *J. Nutr.* 130 : 1653.
- Gerloff, B.J. 1992. Effect of selenium supplementation on dairy cattle. *J. Anim. Sci.* 70 : 3934.

- Goehring, T.B., I.S. Palmer, O.E. Olson, G.W. Libal, and R.C. Wahlstrom. 1984a. Effects of seleniferous grains and inorganic selenium on tissue and blood composition and growth performance of rats and swine. *J. Anim. Sci.* 59 : 725.
- Goehring, T.B., I.S. Palmer, O.E. Olson, G.W. Libal, and R.C. Wahlstrom. 1984b. Toxic effects of selenium on growing swine fed corn-soya bean meal diets. *J. Anim. Sci.* 59 : 733.
- Groce, A.W., E.R. Miller, K.K. Keahey, D.E. Ullrey, and D.J. Ellis. 1971. Selenium supplementation of practical diet for growing – finishing swine. *J. Anim. Sci.* 32 : 905.
- Hill, C.H. 1972. Interactions of mercury and selenium in chicks. *Federation proceeding.* 31 : 692.
- Hill, C.H. 1974. Reversal of selenium toxicity in chicks by mercury, copper, and cadmium. *J. Nutr.* 104 : 593.
- Hoekstra, W.G., J.W. Suttie, H.E. Ganther and W. Mertz. 1974. Trace Element : Metabolism in Animals 2. University park press. Baltimore.
- Iyengar, V. and J. Woittiez. 1988. Trace elements in human clinical specimens : evaluation of literature data to identify reference values. *Clinical Chem.* 34 : 474.
- Jenkins, K.J. and M. Hidiroglou. 1986. Tolerance of the pre-ruminant calf for selenium in milk replacer. *J. Dairy Sic.* 69 : 1865.
- Jin, W.E. 1984. Effect of selenium on pig production. *Chinese J. Vet. Med.* 10 : 29.
- Ku, P.K., E.R. Miller, R.C. Wahlstrom and A.W. Groce. 1973. Selenium supplementation of naturally high selenium diets for swine. *J. Anim. Sci.* 37 : 501.
- Levander, O.A., and C.A. Baumann. 1966. Selenium metabolism. VI. Effect of arsenic on the excretion of selenium in the bile. *Toxicology and applied pharmacology.* 9 : 106.
- Levander, O.A. 1989. Upper limit of selenium in infant formulas. *J Nutr.* 119(12 Suppl) : 1869.
- Lee, Y.B., K. Song, C.G. Kang, and G.M. Kim. 1988. Effect of selenium feeding on growing - finishing pig. *Korean J. Anim Sci.* 30 : 240.
- Mahan, D.C., J.E. Jones, J.H. Cline, R.F. Cross, H.S. Teague, and A.P. Grifo, Jr. 1973. Effecacy of selenium and vitamin E injections in the prevention of white muscle disease in young swine. *J. Anim. Sci.* 36 : 1104.

- Mahan, D.C. and A.L. Moxon. 1978a. Effect of adding inorganic or organic selenium source to the diets of young swine. *J. Anim. Sci.* 47 : 467.
- Mahan, D.C. and A.L. Moxon. 1978b. Effect of increasing the level of inorganic selenium supplementation in the postweaning diets of swine. *J. Anim. Sci.* 46 : 384.
- Mahan, D.C. and A.L. Moxon. 1984. Effect of inorganic selenium supplementation on selenosis in postweaning swine. *J. Anim. Sci.* 58 : 1216.
- Mahan, D.C. 1985. Effect of inorganic selenium supplementation on selenium retention in postweaning swine. *J. Anim. Sci.* 61 : 173.
- Mahan, D.C. and P.L. Magee. 1991. Efficacy of dietary sodium selenite and calcium selenite provided in the diet at approved, marginally toxic, and levels to growing swine. *J. Anim. Sci.* 44 : 229.
- Mahan, D.C. and Y.Y. Kim. 1996. Effect of inorganic or organic selenium at two dietary levels on reproductive performance and tissue selenium concentration in first – parity gilts and their progeny. *J. Anim. Sci.* 74 : 2711.
- Mahan, D.C. and N.A. Parrett. 1996. Evaluationg the efficacy of selenium – enriched yeast and sodium selenite on tissue selenium retention and serum glutatione peroxidase activity in grower and finisher swine. *J. Anim. Sci.* 74 : 2967.
- Mahan, D.C., T.R. Cline. and B. Richert. 1999. Effects of dietary levels of selenium - enriched yeast and sodium selenite as selenium source fed to growing – finishing pig on performance tissue selenium, serum glutathhione peroxidase activity, carcass characteristics, and loin quality. *J. Anim. Sci.* 77 : 2172.
- Marin - Guzman, J., D.C. Mahan, Y.K. Chung, J.L. Pate, and W.F. Pope. 1997. Effect of dietary selenium and vitamin E on boar performance and tissue response, semen quality, and subsequent fertilization rate in mature gilts. *J. Anim. Sci.* 75 : 2994.
- Maynard, L.A. and J.K. Loosli. 1969. Animal Nutrition. 6th edition. McGraw Hill. Back company.
- McConnel, K.P., and D.M. Roln. 1966. Respiratory excretion of selenium. *Proceedings of the society for experimantal biology and medicine.* 123 : 919.
- Mihailovic, M., P. Radetic, and I. Vukovic. 1984. The influence of selenium deficiency on the incidence of PSE – muscle in pigs. *Acta Veterinaria Yugoslavia.* 34 : 279.

- Miltimore, J.E., A.L. van Ryswyk, W.L. Pringle, F.M. Chapman. and C.M. Kalnin. 1975.
 Selenium concentrations in British Columbia forage, grain, and processed feeds.
Can. J. Anim. Sci. 55 : 101.
- Minson, D.J. 1990. Forage in Ruminant Nutrition. Academic press, New York, U.S.A.
- Moir, D.C. and H.G. Masters. 1979. Hepatosis dietetica, nutritional myopathy mulberry heart disease and associated hepatic selenium level in pig. *Aus. Vet. J.* 55:360.
- Mutetikka, D.B. and D.C. Mahan. 1993. Effect of pasture, confinement, and diet fortification with vitamin E and selenium on reproducing gilts and their progeny. *J. Anim. Sci.* 71 : 3211.
- Nahapetian, A.T., M. Janghorbani, and V.R. Young. 1983. Urinary trimethylselenonium excretion by the rat : effect of level and source of ⁷⁵Se – selenium. *J. Nutr.* 113 : 401.
- National Institutes of Health. 2001. Selenium. [online]. <http://www.cc.nih.gov>. [2001, March].
- NRC. 1988. Nutrient Requirements of Swine. 9th edition. National academy press.
- Oldfield, J.E. 1992. Selenium in Fertilizers. Selenium - Tellurium Development Association. Grimbergen.
- Oster, O., G. Schmiedel. and W. Prellwitz. 1988. The organ distribution of selenium in German adults. *Biol. trace ele. res.* 15 : 23.
- Poley, W.E. and A.L. Moxon. 1938. Tolerance levels of seleniferous grains in laying ration. *Poult Sci.* 17 : 72.
- Reilly, C. 1996. Biological Role of Selenium. Selenium in Food and Health. Blackie academic and profesiane.
- Richold, M., M.F. Robinson, and R.D.H. Stewart. 1977. Metabolic studies in rats of ⁷⁵Se incorporated in vivo into fish muscle. *Br. J. Nutr.* 388 : 19.
- Sandholm, M. 1974. Selenium carrier protein in mouse plasma. *Acta pharmacologica et toxicologica.* 35 : 424.
- Scott, M.L. and J.N. Thompson. 1971. Selenium content of feedstuffs and effects of dietary selenium levels upon tissue selenium in chicks and poults. *Poult Sci.* 50 : 1742.
- Shi, B. and Spallholz, J. E. 1994. Selenium from beef is highly bioavailable as assessed by live glutathione peroxidase (EC 1.11.1.9) activity and tissue selenium. *Br. J. Nutr.* 72 : 873.

- Stadlober, M., M. Sager and K.J. Irgolic. 2001. Effect of senate supplemented fertilisation on the selenium level of cereals – identification and quantification of selenium compounds by HPLC – ICP – MS. *Food Chem.* 73 : 357.
- Steel, R.G.D. and J.H. Torrie. 1980. Principles and Procedures of Statistics. New York : McGraw – Hill Book Company, Inc.
- Stewart, R.D.H., N.M. Griffiths., C.D. Thomson. and M.F. Robinson. 1987. Quantitative selenium metabolism in normal women. *Br. J. Nutr.* 40 : 45.
- Thomson, C.D. and M.F. Robinson. 1986. Urinary and faecal excretions and absorptions of a large supplement of selenium : superiority of selenate over selenite. *Am. J. Clin. Nutr.* 44 : 659.
- Underwood, E.J. 1971. Selenium Trace Element in Human and Animal Nutrition. Academic press New York and London.
- Underwood, E.J. and N.F. Suttle. 1999. The Mineral Nutrition of Livestock. 3rd edition, CABI publishing. U.S.A.
- Versieck, J. and R. Cornelis. 1989. Trace Elements in Human Plasma or Serum. CRC press.
- Voigt, G.L. 2000. Hematology Techniques and Concepts for Veterinary Technicians. Iowa State University press.
- Whelan, B.P., N.J. Barrow and D.W. Peter. 1994. Selenium fertilizers for pastures grazed by sheep I selenium concentration in whole blood and plasma. *Aus. J. Agri. Res.* 45 : 863.
- Wichtel, J.J., A.J. Craigie, D.A. Freeman, H. Varela – Alvarez, and N.B. Williamson. 1996. Effect of selenium and iodine supplementation on growth rate and on thyroid and somatotropic function in dairy calves at pasture. *J. Dairy Sci.* 79 : 1965.
- Wilkinson, J.E., M.C. bell, J.A. Bacon and C.C. Melton. 1977. Effect of supplemental selenium on swine II growing – finishing. *J. Anim. Sci.* 44 : 229.
- Yang, G., R. Zhou. and S. Yin. 1989. Studies of safe maximal daily dietary selenium intake in a seleniferous area of China I. Selenium intake and tissue selenium levels of the inhabitants. *Journal of trace elements and electrolytes in health and disease.* 3 : 77.