

- DANSO, S.K.A. Review: Estimation of N₂ fixation by isotope dilution: An appraisal of techniques involving ¹⁵N enrichment and their application- Comments. *Soil Biol. & Biochem.* 18 (1986) 243-244.
- DANSO, S.K.A., HARDARSON, G., ZAPATA, F., "Assessment of dinitrogen fixation potentials of forage legumes with N-15 techniques", Potentials of Forage Legumes in Farming Systems of Sub-Saharan Africa (Proc. Workshop Addis Ababa, 1985), (HAQUE, I., JUTZI, S., NEATE, P.J.H., Eds), ILCA (1986) 26-57.
- ESKEW, D. L. , Development of a N-15 labelling method for Azolla (Report for the Second RCM of the Azolla CRP Programme), International Rice Research Institute, Los Banos (1986)
- ESKEW, D.L., KOVACS, G., Interaction of urea and *Azolla* green manure applications of nitrogen for rice, American Society of Agronomy Meetings, Agron. Absts. (1986) 198.
- ESKEW, D.L., KOVACS, G., Interaction of urea and *Azolla* green manure application of nitrogen for rice (Report for the Second RCM of the Azolla CRP Programme), International Rice Research Institute, Los Banos (1986).
- HARDARSON, G., KUMARASINGHE, S., Legume inoculants and their use for tree cultivation (Paper presented at the FAO/IAEA Advisory Group Meeting on the Use of Nuclear and Related Techniques in Studying the Role of Trees in Restoring and Maintaining Soil Fertility), IAEA, Vienna (1986).
- HERA, C., POPESCU, A. Researches on symbiosis between *Rhizobium japonicum* and soybean. *Eurosoya*, Rome. 4 (1986) 72-90.
- KIRDA, C., ZAPATA, F., EOM, K.C. Surface neutron gauge as compared with core soil sampling and paraffin methods in soil water studies. Proc. 13th Int. Congress. Soil Science Society, Hamburg, (1986), 101-102.
- KUMARASINGHE, S., ZAPATA, F., KOVACS, G., ESKEW, D.L., DANSO, S.K.A. Evaluation of the availability of Azolla-N and Urea-N to rice using N-15. *Plant and Soil* 90 (1986) 293-299.
- OWIREDU, J.D., S.K.A. DANSO. An evaluation of streptomycin-resistant cowpea and *Bradyrhizobium japonicum* strains for suitability in ecological studies. *Nig. J. Sci.* 20 (1986) 17-22.
- SIN, G., HERA, C., ELIADE, G., BOLOGA, M., STANCIUA, A. Influence of improved cropping systems on nutrients and water utilization by plants, using nuclear techniques. Isotope and radiation techniques for efficient water and fertilizer use in semi-arid regions. IAEA TECDOC-372. Vienna, Austria. pp. 89-98.
- ZAPATA, F., AXMANN, H., BRAUN, H., "Agronomic evaluation of rock phosphate materials by means of radioisotope techniques", Proc. 13th Int. Congress Hamburg, 1986, Vol. 3, Int.. Soil Science Soc., Hamburg (1986) 1012-1013.
- ZAPATA, F., MAYR, L., ARRILLAGA, J.L., Performance test of the NOI-6e emission spectrometer (Report to the Department of Technical Co-operation, Field Procurement Section), IAEA, Vienna (1986).
- AFZA, R., HARDARSON, G., ZAPATA, F., DANSO, S.K.A., Effects of delayed soil and foliar N fertilization on yield and N₂ fixation of soybean, *Plant and Soil* 97 (1987) 361-368.
- BOWEN, G.D., S.K.A. DANSO. Nitrogen nutrition of perennials. IAEA Bulletin 29 (1987) 5-8.
- DANSO, S.K.A., C. HERA, DOUCKA. C. Nitrogen fixation in soybean as influenced by cultivar and *Rhizobium* strain. *Plant and Soil* 99 (1987) 163-174.
- DANSO, S.K.A., ZAPATA, F., HARDARSON, G., FRIED, M., Nitrogen fixation in fababeans as affected by plant population density in sole or intercropped systems with barley, *Soil Biology and Biochemistry* 19 (1987) 411-415.
- HARDARSON, G., DANSO, S.K.A., ZAPATA, F., "Biological nitrogen fixation in field crops", Handbook of Plant Science in Agriculture (CHRISTIE, B.R., Ed.), CRC Press Inc. (1987) 165-192.
- HERA, C., ELIADE, G., BOLOGA, M. Devenir des engrais azotes dans le sol, Bulletin de L Academie des Sciences Agricoles et Forestieres. Nr. 17 : 65-82.
- REICHARDT, K., HARDARSON, G., ZAPATA, F., KIRDA, C., DANSO, S.K.A., Site variability effect of field measurement of symbiotic nitrogen fixation using the N-15 isotope dilution method, *Soil Biology and Biochemistry* 19 (1987) 405-409.
- SENARATNE, R., AMORNPIMOL, C., HARDARSON, G., Effect of combined nitrogen fixation of soybean (*Glycine max.* L. Merrill.) as affected by cultivar and rhizobial strain, *Plant and Soil* 103 (1987) 45-50.
- ZAPATA, F., DANSO, S.K.A., HARDARSON, G., FRIED, M., Time course of nitrogen fixation in field-grown soybean using nitrogen-15 methodology, *Agronomy Journal* 79 (1987) 172-176.
- ZAPATA, F., HARDARSON, G., DANSO, S.K.A., FRIED, M., Nitrogen fixation and translocation in field-grown fababeans, *Agronomy Journal* 79 (1987) 505-509.
- AXMANN, H., SEBASTIANELLI, A., ARRILLAGA, J.L., "Methods for N-15 determination", The Use of Nuclear Techniques in Studies of Soil/Plant Relationships: A Training Manual (HARDARSON, G., Ed.), IAEA, Vienna (1988) 30-36.
- AXMANN, H., ZAPATA, F., "Stable and radioactive isotopes", Use of Nuclear Techniques in Studies of Soil-Plant Relationships, Training Course Series 2 (HARDARSON, G., Ed.), IAEA, Vienna (1988) 1-29.
- DANSO, S.K.A. Nodulation of soybean in an acid soil: The influence of *Bradyrhizobium* inoculation and seed pelleting with lime and rock phosphate. *Soil Biol. & Biochem.* 20 (1988) 259-260.
- DANSO, S.K.A. The use of ¹⁵N enriched fertilizers for estimating nitrogen fixation in grain and pasture legumes. In: D.P. Beck and L.A. Materon (Eds.) Nitrogen fixation by legumes in Mediterranean Agriculture. (1988) pp. 345-358. Martinus Nijhof/Dr. W. Junk Publishers. The Netherlands.

- DANSO, S.K.A., C. LABANDERA., D. PASTORINI., S. CURBELO. Nitrogen fixation in a two-year old white clover-fescue pasture: influence of nitrogen fertilization. *Soil Biol. & Biochem.* 20 (1988) 261-262.
- DANSO, S.K.A., J.D. OWIREDU. Competitiveness of introduced and indigenous *Bradyrhizobium* strains for nodule formation in three soils. *Soil Biol. & Biochem.* 20 (1988) 305-310.
- DANSO, S.K.A., HARDARSON, G., ZAPATA, F., Dinitrogen fixation estimates in alfalfa-ryegrass swards using different nitrogen-15 labelling methods, *Crop Science* 28 (1988) 106-110.
- ESKEW, D.L., BOWEN, G., ZAPATA, F., "Soil Science Research Activities in Joint FAO/IAEA Programmes", Proc. 19th Annual Mtg European Society of Nuclear Methods in Agriculture (ESNA), Vienna (1988) 75 (abstract).
- ESKEW, D.L., KUMARASINGHE, K.S. Azolla conserves fertilizer nitrogen in rice production. *Agron. Abs.* S3-109p.
- HARDARSON, G., DANSO, S.K.A., ZAPATA, F., Dinitrogen fixation measurements in alfalfa-ryegrass swards using nitrogen-15 and influence of the reference crop, *Crop Science* 28 (1988) 101-105.
- HARDARSON, G., ZAPATA, F., DANSO, S.K.A., "Biological nitrogen fixation research and training activities of the Joint FAO/IAEA Programme", Proc. 19th Annual Mtg European Society of Nuclear Methods in Agriculture (ESNA), Vienna (1988) 93 (abstract).
- HARDARSON, G., ZAPATA, F., DANSO, S. K. A., GOLBS, M., "Effect of N fertilization on N₂ fixation in fababean (*Vicia faba* L. var. minor)", Nitrogen Fixation: Hundred Years After (BOTHE, DE BRUIJN, NEWTON, Eds), Gustav Fischer, Stuttgart and New York (1988) 814 (abstract).
- KIRDA, C., HARDARSON, G., ZAPATA, F., REICHARDT, K., Spatial variability of root zone soil water status and of fertilizer N uptake by forage crops, *Soil Technology* 1 (1988) 223-234.
- KIRDA, C., "Use of neutron water and gamma density gauges in soil water studies", Use of Nuclear Techniques in Studies of Soil-Plant Relationships, Training Course Series 2 (HARDARSON, G., Ed.), IAEA, Vienna (1988) 165-205.
- LABANDERA, C., S.K.A. DANSO., D. PASTORINI., S. CURBELO., V. MARTIN.
- Nitrogen fixation in a white clover-fescue pasture using three methods of nitrogen-15 uptake. *Agron. J.* 80 (1988) 265-268.
- OWIREDU, J.D., S.K.A. DANSO. Response of soybean (*Glycin max* (L.) Merrill.) to *Bradyrhizobium japonicum* inoculation in three soils in Ghana. *Soil Biol. & Biochem.* 20 (1988) 311-314.
- SANGINGA, N., Nodulation and growth of some nitrogen fixing trees in relation to nutrient levels and *Rhizobium* in Nigeria, Zaire and Zimbabwe, Nitrogen Fixing Tree Research Reports 6 (1988) 3-5.
- SANGINGA, N., DANSO, S.K.A., BOWEN, G.A., "Nodulation and growth responses of *Allocauarina* and *Casuarina* species to P fertilization on an acid soil", Frankia Symposium (Proc. Int. Conf. Connecticut, 1988), Plant and Soil (1988) 30 (abstract).
- SANGINGA, N., MULONGOY, K., AYANABA, A., Response of *Leucaena/Rhizobium* symbiosis to mineral nutrients in Southwestern Nigeria, *Plant and Soil* 112 (1988) 121-127.
- SANGINGA, N., MULONGOY, K., AYANABA, A., Nodulation and growth of *Leucaena leucocephala* (Lam.) de Wit as affected by inoculation and fertilizer, *Plant and Soil* 112 (1988) 129-135.
- SANGINGA, N., MULONGOY, K., AYANABA, A., Nitrogen contribution of *Leucaena/Rhizobium* symbiosis to soil and a subsequent maize crop, *Plant and Soil* 112 (1988) 137-141.
- SENARATNE, R., HARDARSON, G., Estimation of residual N effect of fababean and pea on two succeeding cereals using N-15 methodology, *Plant and Soil* 110 (1988) 81-89.
- SENARATNE, R., HARDARSON, G., LIYANAGE, N.D.L., "Effect of soybean cultivation on the nitrogen balance in soil", Nitrogen Fixation: Hundred Years After (BOTHE, DE BRUIJN, NEWTON, Eds), Gustav Fischer, Stuttgart and New York (1988) 833 (abstract).
- DANSO, S.K.A., G.D. BOWEN. Methods of inoculation and how they influence nodulation pattern and nitrogen fixation using two contrasting strains of *Bradyrhizobium japonicum*. *Soil Biol. & Biochem.* 21 (1989) 1053-1058.
- ESKEW, D.L., J. KAPUYA., S.K.A. DANSO. Nitrate inhibition of nodulation and nitrogen fixation by supernodulating nitrate-tolerant symbiosis mutants of soybean. *Crop Sci.* 29 (1989) 1491-1496.
- HARDARSON, G., GOLBS, M., DANSO, S.K.A., Effect of nodulation patterns on nitrogen fixation by soybean (*Glycine max* (L.) Merrill.), *Soil Biology and Biochemistry* 21 (1989) 783-787.
- KIRDA, C., DANSO, S.K.A., ZAPATA, F., Temporal water stress effects on nodulation, nitrogen accumulation and growth of soybean, *Plant and Soil* 120 (1989) 49-55.
- PAPASTYLIANOU, I., S.K.A. DANSO. Effect of nitrogen fertilization and cropping system of the reference crop on estimation of N₂ fixation by vetch using the ¹⁵N method. *Plant and Soil* 114 (1989) 227-233.
- SANGINGA, N., S.K.A. DANSO., G.D. BOWEN. Nodulation and growth response of *Allocauarina* and *Casuarina* species to phosphorus fertilization. *Plant and Soil* 118 (1989) 125-132.
- SANGINGA, N., MULONGOY, K., AYANABA, A., Effectivity of indigenous rhizobia for nodulation and early nitrogen fixation with *Leucaena leucocephala* grown in Nigerian soils, *Soil Biology and Biochemistry* 21 (1989) 231-235.

- WADISIRISUK, P., DANSO, S.K.A., HARDARSON, G., BOWEN, G.D., Influence of *Bradyrhizobium japonicum* location and movement on nodulation and nitrogen fixation in soybean, Applied and Environmental Microbiology 55 (1989) 1711-1716.
- ZAPATA, F., HARDARSON, G., FAO/IAEA research and training programmes in soil fertility at the IAEA's Seibersdorf Laboratories, Vienna, IAEA Bulletin 31 (1989) 55-60.
- ZAPATA, F., BAERT, "Air nitrogen as fertilizer", Soils for Development (Proc. Symp. Ghent, 1989), (VAN CLEEMPUT, O., Ed.), Belgium (1989) 61-84.
- AWONAIKE, K.O., "Inorganic N x *Bradyrhizobium* strain interaction on cowpea (*Vigna unguiculata*) varietal performance in the field, using the ¹⁵N isotope dilution technique", Plant Nutrition - Physiology and Applications (VAN BEUSICHEM, M.L., Ed.), Netherlands (1990) 675-682.
- AWONAIKE, K.O., KUMARASINGHE, K.S., DANSO, S.K.A., Nitrogen fixation and yield of cowpea (*Vigna unguiculata*) as influenced by cultivar and *Bradyrhizobium* strain, Field Crops Res. 24 (1990) 163-171.
- AWONAIKE, K.O., OLUFAJO, O.O., ADU, J.K., "Influence of rhizobia inoculation on soybean (*Glycine max.* L.) performance in Nigeria", Maximiser la FBA pour la Production Agricole et Forestière en Afrique (GUEYE, M., MULONGOY, K., Eds), Senegal (1990) 15-26.
- AXMANN, H., "Methods for ¹⁵N determination", Use of Nuclear Techniques in Studies of Soil-Plant Relationships, Training Course Series 2, IAEA, Vienna (1990) 55-60.
- AXMANN, H., SEBASTIANELLI, A., ARRILLAGA, J.L., "Sample preparation techniques of biological material for isotope analysis", Use of Nuclear Techniques in Studies of Soil-Plant Relationships, Training Course Series 2, IAEA, Vienna (1990) 41-54.
- AXMANN, H., ZAPATA, F., "Stable and radioactive isotopes", Use of Nuclear Techniques in Studies of Soil-Plant Relationships (HARDARSON, G., Ed.), Training Course Series 2, IAEA, Vienna (1990) 9-34.
- BOWEN, G.D., N. SANGINGA., S.K.A. DANSO. Biological nitrogen fixation in Agroforestry- An overview. Proc. 14th Int. Soil Sci. Congr. Kyoto, Japan. (1989) Vol. 111 pp. 170-175.
- DANSO, S.K.A. Evaluation of biological nitrogen fixation in plants. In: Maximiser la Fixation Biologique de L Azote pur la Production Agricole et Forestiere en Afrique. (M. Gueye., K. Mulongoy., DOMMERGUES Eds.) (1990) pp.258-271.
- DANSO, S.K.A.. KAPUYA, J., HARDARSON, G., Nitrogen fixation and growth of soybean as influenced by varying the methods of inoculation with *Bradyrhizobium japonicum*, Plant and Soil 125 (1990) 81-86.
- DANSO, S.K.A., KUMARASINGHE, K.S. Assessment of potential sources of error in nitrogen fixation measurements by the N-15 isotope dilution technique. Plant and Soil. 125 (1990) 87-93.
- DANSO, S.K.A., ZAPATA, F., AWONAIKE, K.O., The effect of post-emergence supplemental inoculation on nodulation and symbiotic performance of soybean (*Glycine max*, L. Merrill) at three levels of soil nitrogen, Appl. Environ. Microbiology 56 (1990) 1793-1798.
- HARDARSON, G., "Genotypic variation in nitrogen fixation by *Phaseolus vulgaris*", Use of Stable Isotopes in Plant Nutrition, Soil Fertility and Environmental Studies (Proc. Int. Symp. Vienna, 1990), IAEA, Vienna (1990) 187-188.
- HARDARSON, G. (Ed.), Use of Nuclear Techniques in Studies of Soil-Plant Relationships, Training Course Series 2, IAEA, Vienna (1990) 223 pp.
- HARDARSON, G., DANSO, S.K.A., "Use of ¹⁵N to assess biological nitrogen fixation", Use of Nuclear Techniques in Studies of Soil-Plant Relationships (HARDARSON, G., Ed.), Training Course Series 2, IAEA, Vienna (1990) 129-160.
- KUMARASINGHE, K.S., "Techniques in studies of photosynthesis", Use of Nuclear Techniques in Studies of Soil-Plant Relationships, Training Course Series 2 (HARDARSON, G., Ed.), IAEA, Vienna (1990) 138-164.
- SANGINGA, N., BOWEN, G.D., DANSO, S.K.A., Genetic variability in symbiotic nitrogen fixation within and between provenances of two *Casuarina* species using the ¹⁵N labelling methods, Soil Biol. Biochem. 22 (1990) 359-547.
- SANGINGA, N., BOWEN, G.D., DANSO, S.K.A., Assessment of genetic variability for N₂ fixation between and within provenances of *Leucaena leucocephala* and *Acacia albida* estimated by ¹⁵N labelling techniques, Plant and Soil 127 (1990) 169-178.
- SANGINGA, N., BOWEN, G.D., DANSO, S.K.A., Assessment of provenance variation in growth and P uptake of *Faidherbia albida* grown at low levels of phosphate, Nitrogen Fixing Tree Research Report (1990) 133-135.
- SANGINGA, N., DANSO, S.K.A., ZAPATA, F., BOWEN, G.D., Influence of reference trees on N₂ fixation estimates in *Leucaena leucocephala* and *Acacia albida* using ¹⁵N -labelling techniques, Biol. Fertil. Soils 9 (1990) 341-346.
- SANGINGA, N., ZAPATA, F., DANSO, S.K.A., BOWEN, G.D., Effect of successive cuttings on uptake and partitioning of ¹⁵N among plant parts of *Leucaena leucocephala*, Biol. Fertil. Soils 9 (1990) 37-42.
- SANGINGA, N., ZAPATA, F., DANSO, S.K.A., "Nitrogen fixation in tropical trees: Estimations based on ¹⁵N techniques", Maximiser la FBA pour la Production Agricole et Forestière en Afrique (GUEYE, M., MULONGOY, K., Eds), Senegal (1990) 337-350.
- SANGINGA, N., ZAPATA, F., DANSO, S.K.A., BOWEN, G.D., "Effect of successive cuttings on nodulation and nitrogen fixation of *Leucaena leucocephala* using ¹⁵N dilution and the difference methods", Plant Nutrition

- Physiology and Appl. (Proc. 11th Plant Nutrition Colloquium Wageningen, 1989), (VAN BEUSICHEM, M.L., Ed.), Wageningen (1990) 667-674.

- SATTAR, M.A., A.K. PODDER., S.K.A. DANSO. Response of chickpea germplasm to mixed culture inoculation with three exotic Rhizobium strains using isotopic technique. Bangladesh J. Sci. Res. (Special Issue) (1990) : 73-80
- SENARATNE, R., HARDARSON, G., "Effect of nitrogen application on the ^{15}N value of soil", Use of Stable Isotopes in Plant Nutrition, Soil Fertility and Environmental Studies (Proc. Int. Symp. Vienna, 1990), IAEA, Vienna (1990) 135-136.
- SOUGOUFARA, B., S.K.A. DANSO., H.G. DIEM., Y.R. DOMMERGUES. Estimating N_2 fixation and N derived from soil by *Casuarina equisetifolia* using labelled ^{15}N fertilizer: some problems and solutions. Soil Biol. & Biochem. 22 (1990) 695-701.
- ZAPATA, F., "Field experimentation in isotope aided studies", Use of Nuclear Techniques in Studies of Soil-Plant Relationships (HARDARSON, G., Ed.), Training Course Series 2, IAEA, Vienna (1990) 35-40.
- ZAPATA, F., "Isotope techniques in soil fertility and plant nutrition studies", Use of Nuclear Techniques in Studies of Soil-Plant Relationships (HARDARSON, G., Ed.), Training Course Series 2, IAEA, Vienna (1990) 61-127.
- ZAPATA, F., AXMANN, H., Use of radiotracers P-32/P-33 for the agronomic evaluation of rock phosphate sources, Training Publication, IAEA, Vienna (1990) 30 pp.
- ZHANG, Z., ZAPATA, F., BOWEN, G.D., "Infectiveness and effectiveness of two *Frankia* strains on three genotypes of *Casuarina* species", Advances in Casuarina Research and Utilization (Proc. Int. Workshop Cairo, 1990), (EL-LAKANY, M.H., TURNBULL, J.W., BREWBAKER, J.L., Eds), Cairo (1990) 149-155.
- AWONAIKE, K.O., "Soil N balance studies involving cowpea in symbiosis with *Bradyrhizobium* in S.W. Nigeria as influenced by host cultivar, inoculum strain and growth stage, using the ^{15}N technique", Stable Isotopes in Plant Nutrition, Soil Fertility and Environmental Studies (Proc. Int. Symp. Vienna, 1991), IAEA, Vienna (1991) 235-237.
- AWONAIKE, K.O., KUMARASINGHE, K.S., DANSO, S.K.A., Nitrogen assimilation and distribution in field-grown cowpea at various growth stages, Soil Sci. Soc. Am. J. 55 (1991) 81-85.
- BOWEN, G.D., ZAPATA, F., "Efficiency in uptake and use of nitrogen by plants", Stable Isotopes in Plant Nutrition, Soil Fertility and Environmental Studies (Proc. Int. Symp. Vienna, 1991), IAEA, Vienna (1991) 349-362.
- DANSO, S.K.A. The natural and artificial methods of ^{15}N labelling of soil to estimate biological nitrogen fixation: Review of symposium papers. In: Proc. Int. Symposium on the use of Stable Isotopes in Plant Nutrition, Soil fertility and Environmental Studies. IAEA, Vienna (1991) pp 147-152.
- DANSO, S.K.A., S. CURBELO., C. LABANDERA., D. PASTORINI. Herbage yield and nitrogen fixation in a triple-species mixed sward of white clover, lotus and fescue. Soil Biol & Biochem. 22 (1991) 65-70.
- DANSO, S.K.A., ZAPATA, F., BOWEN, G.D., SANGINGA, N., "Applications of ^{15}N methods for measuring nitrogen fixation in trees", Stable Isotopes in Plant Nutrition, Soil Fertility and Environmental Studies (Proc. Int. Symp. Vienna, 1991), IAEA, Vienna (1991) 155-168.
- ESKEW, D.L., J. KAPUYA., S.K.A. DANSO. Nitrate inhibits nodulation of supernodulating soybean mutants. In: P.M. Greshoff, L.E. Roth., G. Stacey and W.L. Newton (Eds,) Nitrogen Fixation: Achievements and Objectives. Chapman and Hall Publishers, New York.
- HARDARSON, G., BLISS, F. A., CIGALES-RIVERO, M.R., HENSON, R. A., KIPE-NOLT, J. A., LONGERI, L., MANRIQUE, A., PEÑA CABRIALES, J. J., PEREIRA, P., TSAI, S.M., SANABRIA, C. A., "Genotypic variation in nitrogen fixation by *Phaseolus vulgaris* L.", Stable Isotopes in Plant Nutrition, Soil Fertility and Environmental Studies (Proc. Int. Symp. Vienna, 1991) IAEA, Vienna (1991) 178-191.
- HARDARSON, G., BOWEN, G.D., Rhizobial inoculants for leguminous crops. Package labelling and quality control (Report of the Expert Consultation on Legume Inoculant Production and Quality Control), FAO, Rome (1991) 131-142.
- HARDARSON, G., DANSO, S.K.A., ZAPATA, F., REICHARDT, K., Measurements of nitrogen fixation in fababean at different fertilizer rates using ^{15}N isotope dilution and "A-value" methods, Plant and Soil 131 (1991) 161-168.
- HERA, C., TIANU, M., ELIADE, G. Contribution of nitrogen from soil and fertilizer to sunflower yield in trials with ^{15}N . IAEA - Proceedings SM-313. pp. 408-410.
- KUMARASINGHE, K.S., ESKEW, D.L. Application of N-15 isotope techniques in Azolla-rice studies. In: Proc. of Int. Symposium on the "Use of Isotopes in Plant Nutrition, Soil Fertility and Environmental Studies". IAEA, Vienna, Austria. (1991) pp. 169-178.
- MATERON, L.A., S.K.A. DANSO. Nitrogen fixation in two annual medic legumes as affected by inoculation and seed density. Field Crops Res. 26 (1991) 161-168.
- PAPASTYLIANOU, J., S.K.A. DANSO. Nitrogen fixation and transfer in vetch and vetch-oats mixtures. Soil Biol. & Biochem. 23 (1991) 447-452.

- SANGINGA, N., G.D. BOWEN., S.K.A. DANSO. Intra-specific variation in growth and P accumulation of *Leucaena leucocephala* and *Gliricidia sepium* as influenced by soil phosphata level. *Plant and Soil* 33 (1991) 201-208.
- SANGINGA, N., MANRIQUE, K., HARDARSON, G., Variation in nodulation and N₂ fixation by the *Gliricidia sepium/Rhizobium* spp. symbiosis in a calcareous soil, *Biol. Fert. Soils* 11 (1991) 273-278.
- ZAPATA, F., AXMANN, H., Agronomic evaluation test of rock phosphate materials by means of radioisotope techniques, *Pédologie XLI-3* (1991) 291-301.