

BIBLIOGRAPHY)

Abbey BW and Mark-Balm T

1988 Nutritional quality of weaning foods prepared from composite flours of maize, ungerminated and germinated cowpea. Nutrition Reports International 38(3): 519-1027.

Acharya CN

1934 Studies on the hydrolysis of starch by the enzymes of cholam malt (Sorghum vulgare). Indian Journal of Agricultural Science 4 : 476 - 536.

Achaya KT

1978 Fats in breastmilk. Ind J Nutr Dietet 15 : 149-180.

Aisien AO

1982 Enzymic modification of sorghum endosperm during seedling growth and malting. J Sci Food Agric 35 : 754.

Alvarado DG and Silva P

1967 Effect of fertilisers on the hydrocyanic content of 2 sorghum species. Agriculture in Tropics 23 : 469-476.

Araya H, Vera G and Pak N

1983 Effect of dietary energy density on food intake of preschool children in one meal. Nutr Rep Intl 28(5) : 965-971.

Badi S, Pedersen B, Monowar L and Eggum BO

1990 The nutritive value of new and traditional sorghum and millet foods from Sudan. Plant Foods for Human Nutrition 40 : 5-19. Bagchi KN and Ganguli HD 1943 Toxicology of young shoots of common bamboos (Bambusa arundinaceae willd). Indian Medical Gazette 78 : 40-42.

Barness LA

1987 History of infant feeding practices. Am J Clin Nutr 46: 168-170.

Bartlett JM

1917 The chemical composition of green sprouted oats. Maive Agric Exp Stn Bull 266.

Benson JA, Gray E and Fribourg HA

1969 Relation of hydrocyanic acid potential of leaf samples to that of whole plants of sorghum. Agronomy Journal 61 : 223-224.

Bhatty RS

1969 Note on the development of the proteolytic enzymes in germinating barley. Cereal Chem 46 : 74.

Bhise VJ, Chavan JK and Kadam SS

1988 Effects of malting on proximate composition and in vitro protein and starch digestibilities of grain sorghum.J Food Sci Technol 25 : 327.

Black RE, Brown KH, Becker ARMR and Merson MR

1982 Contamination of weaning foods and transmission of enterotoxigenic Escherichia coli diarrhoea in children in rural Bangladesh. Trans Roy Soc Trop Med Hyg 76 : 259-263.

Black RE, Lopez de Romava G, Brown KH, Bravo N, Bazalar OO and

1982 Kanashire HO

The incidence and aetiology of infantile diarrhoea and major routes of transmission in Hurascar Peres. Am J Epidemiol 189 : 785-799.

Bond JH and Levitt MD

1972 Use of pulmonary hydrogen (H₂) measurements to quantitate carbohydrate absorption. The Journal of Clinical Investigation. 51: 1219-1225.

Boralkar M and Reddy S

- 1985 Effect of roasting, germination and fermentation on the digestibility of starch and protein present in soybean. Nutrition Reports International 31(4): 833-836.
- Boyd FT, Aamodt OS, Bohstedt G and Truog E
- 1938 Sudan grass management for control of cyanide poisoning. Journal of American Society of Agronomy 30 : 569-582.

Brandtzaeg B, Malleshi NG, Svanberg U, Desikachar HSR and

1981 Mellander O

Dietary bulk as a limiting factor for nutrient intake in pre-school children. III. Studies of malted flours from ragi, sorghum and greengram. Journal of Tropical Pediatrics 27 : 184-189. Brydon GW, Mckay LF and Eastwood MA

Brydon GW, Mckay LF Eastwood MA

1986 Intestinal gas formation and use of breath measurement to monitor the influence of diet and disease. Dig Dis 4 : 1 - 12.

Buffa A

1971 Food technology and development. Part I. Processing low-cost nutritious native foods for world's hungry children. Factors, formulas, processes. Food Engineering : 79-106. Chamberlin JG and Stickney E

1973 Improvement of children's diet in developing countries : An analytical approach to evaluation of alternative strategies. Nutr Rep Intl 7(2) : 71-84.

Chandrasekhara MR and Swaminathan M

1953 Enzymes of ragi (Eleisine coracana) and ragi malt:I-Amylases. Journal of Scince of Industrial Research 12B : 51 - 56.

Chandrasekhara MR and Swaminathan M

- 1956 Enzymes of pearlmillet (Pennisetum typhoideum) malt:Part I-Amylases. Journal of Science of Industrial Research 16C : 35 - 39.
- Chavan JK, Kadam SS and Salunkhe DK
- 1981 Changes in tannin, free amino acids, reducing sugars and starch during seed germination of low and high tannin cultivars of sorghum. Journal of Food Science 46 : 638.

Chavan JK and Kadam SS

1989 Nutritional improvement of cereals by sprouting. CRC Critical Review in Food Science and Nutrition 28(5) : 401 - 437.

Ching GM and Schoolcraft I

1968 Physiological and chemical differences in aged seeds. Crop Sci 8 : 407.

Church MA

1977 The importance of food consistency in supplementary feeding and the weaning process. Cf: Eating more fats and oils as a step towards overcoming malnutrition. Dearden C, Harman P and Morley D. Tropical Doctor 10 : 137-142.

Clark A

1936 Report on the effect of certain poisons contained in food plants of West Africa upon the health of the native races. Journal of Tropical Medicine and Hygiene 39 : 269.

Collison SE

1919 Prussic acid in sorghum. Fla Agric Exp Stn Bull 155 : 51-56.

Conn EE

- 1969 Cyanogenic glycosides. Agriculture Food Chemistry 17 : 519. Conn EE and Butler GW
- 1969 The biosynthesis of cyanogenc glycosides and other simple nitrogen compounds. In Harborne JB and Swain T ed. Perspectives in phytochemistry. Academic Press, London, pg 47.

Conn EE

1973 Cyanogenetic glycosides. In Strong FM ed. Toxicants occuring in foods. National Academy of Sciences, Washington DC, Second edition pg 302.

Conn EE

1978 Cyanogenesis, the production of hydrogen cyanide by plants. In: Kesler RF, Van Kamper KR and James LF ed. Effect of poisonous plants on livestock. Academic Press, New York.

Conn EE

1979A Cyanide and cyanogenic glycosides. In: Rosenthal GA ed. Herbivores, their interaction with secondary plant metabolites. Academic Press, New York.

Conn EE

1979B Biosynthesis of cyanogenic glycosides. Naturwissenschaf-ten 66 : 28-34.

Corder AM and Henry RJ

1989 Carbohydrate degrading enzymes in germinating wheat. Cereal Chemistry 66 (5): 435 - 439.

Corkill L

- 1942 Cyanogenesis in white clover (Trifolium repens) V. The inheritance of cyanogenesis. New Zealand. Journal of Science and Technology B 23 : 178.
- Dada LO and Muller HG
- 1983 The fate of aflatoxin B1 in the production of Ogi, a Nigerian, a Nigerian sorghum porridge. J Cereal Sci 1 : 63 : 70.
- Dada LO and Dendy DAV
- 1987 Preliminary study of effect of various processing techniques on the cyanide content of germinated sorghum. Tropical Sciences 27 : 101-104.

Dalby A and Tsai CY

1976 Lysine and tryptophan increases during germination of cereal grains. Cereal Chem 53 : 222.

Dearden C, Harmon P and Morley D

1980 Eating more fats and oils as a step towards overcoming malnutrition. Tropical Doctor 10: 137-142.

Deshpande S

19873 Study on the effect of a wheat Amylase Rich Food on wheat based young child foods. Unpublished M Sc Dissertation. Dept. of Foods and Nutrition. M S University of Baroda. Baroda.

Desikachar HSR

1980 Development of weaning foods with high caloric density and low hot paste viscosity using traditional technologies. Food and Nutrition Bulletin 2(4): 4-10.

Devadas RP, Chandrasekhar M and Bhooma N

1984 Nutritional outcomes of a rural diet supplemented with low cost locally available foods. III. Development and introduction of weaning foods for infants. Ind J Nutr Dietet 21 : 82-88.

Doublier JL, Colonna P and Mercier C

1986 Extrusion cooking and drum drying of wheat starch. II. Rheological characterisation of starch pastes. Cereal Chemistry 63(3): 240-246.

Dronzek BL, Hwang P and Bushuk W

1972 Scanning electron microscopy of starch from sprouted wheat. Cereal Chem 49: 309-313.

Duncan MD, Schaefer C, Sibley B and Fonseca NM

- 1984 Reduced growth velocity in exclusively breastfed infants. Am J Dis Child 138 : 309-313. Dunstan WR and Henry TA
- 1902 Cyanogenesis in plants. Part II. The great millet Sorghum vulgare. Philosophical Transactions of Royal Society of London, Series A. 199 : 399-410.
- El Faki HA, Bhavanishankar TN, Tharanathan RN and Desikachar HSR
- 1983 Flatus effect of chick pea (Cicer arietinum), cow pea (Vigna sineusis) and horse gram (Dolichas biflorus) and their isolated carbohydrate fractions. Nutrition Reports International 27(5) : 921-929.

Evans JR

1986 International health : a rationale. ASM News 52 : 460-464.

Eyjolfsson R

1970 Recent advances in the chemistry of cyanogenic glycosides. In: Zechmeister L ed. Advances in the chemistry of organic nature products. Springer-Verlag Vienna, New York, Vol 28.

FAO/WHO

1973 (Food and Agriculture Organisation/World Health Organisation). Energy and protein requirements. WHO, Geneva, Switzerland. Technical Report Series 522.

FAO

1977 Dietary fats and oils in human nutrition : a joint FAO/WHO Report. Food and Nutrition Paper 3. Rome: FAO.

FAO/WHO/UNU

1985 Energy and protein requirements. WHO Technical Report Series 724.

Folker BF and Yocum EW

1958 The respiration of barley plants. X. Respiration and the metabolism of amino acids and proteins in germinating grain. New Phytol 57 : 106.

Frank J F

1988 Enteropathogenic Escherichia coli. Food Technology 42 : 192 - 193.

Fritzdorff B, Pomeranz Y and Bechtel DB

1982 Malt modification assessed by histochemistry, light microscopy and transmission, and scanning electron microscopy. J Food Sci 47 : 786.

Fukai T and Nikumi Z

1956 Degradation of starch in the endosperm of rice. J Biochem Tokyo 43 : 33.

Gable W and Kruger W

1920 The toxic action of Rangoon beans (Abstract). Muensch. Med. Wochscha. 67:214-215.

Gandhi HI

1985 Studies on rice based malted mixes. Unpublished M Sc dissertation. University of Baroda. Baroda.

Ghorpade VM and Kadam SS

Germination in Handbook of World Food Legumes : Nutritional Chemistry, Processing and Utilization. Salunkhe DK and Kadam SS Eds. CRC Press, Boca Raton, FL, in press.

Ghose B, Adikary J and Banerjee NC

1981 Changes in some metabolites in rice seed during aging with special reference to seedling vigor. Seed Sci Technol 9 : 469.

Glennie CW

1983 Polyphenol changes in sorghum grain during malting. J Agric Food Chem 31: 1295.

Gopalan C and Patwardhan VM

1951 Some observations on the nutritional oedema syndrome. Indian Journal of Medical Research 5 : 132.

Gopalan C

1968 Kwashiorkor and marasmus : evolution and distinguishing features. In: McCance RA and Widdowson EM ed. Calorie deficiencies. Churchill, London pg 49-58.

Gopaldas T, Inamdar F and Patel JB

1982 Malted versus roasted young child mixes : viscosity, storage and acceptability trials. Indian Journal of Nutrition and Dietetics 19 : 327.

Gopaldas T, Mehta P, Patil A and Gandhi H

1986 Studies on reduction in viscosity of thick rice gruels with small quantities of an Amylase-Rich Cereal Malt. Food and Nutrition Bulletin 8(4) : 42-47.

Gopaldas T

1989 Simple traditional methods for reducing dietary bulk of cereal based diets in rural homes. Proceedings of Nutrition Society of India 34 : 73-84.

Gopaldas T, Deshpande S and John C

1988 Studies on a wheat Amylase-Rich Food (ARF). Food and Nutrition Bulletin 10(3): 55-59.

Gopaldas T, Deshpande S, Vaishnav U, Shah N, Mehta P, Tuteja S, Kanani S and Lalani K

1991 The transfer of a simple dietary bulk reduction technology of weaning gruels by Amylase-Rich Foods (ARFs) from laboratory to urban slum. Food and Nutrition Bulletin.

Gopaldas T and John C

1992 Evaluation of a controlled 6 months feeding trial on intake by infants and toddlers fed a high energy-high bulk versus high energy low bulk gruel in addition to their habitual home diet. J Trop Pediatr 38 : 278-283.

Gordon JE, Chitkara ID and Wyon JB

1963 Weanling diarrhoea. Am J Med Sci 245 : 345-377.

Gordon JE, Wyon JB and Ascoli W

- 1967 The second year death rate in less developed countries. American Journal of Medical Science 254 : 357-380.
- Gorz HJ, Haag WJ, Specht JE and Haskins FA
- 1977 Assay of p-hydroxybenzaldehyde as a measure of hydrocyanic acid potential in sorghums. Crop Science 17: 578-582.

Greenwood CT and Milne CE

1968 Studies on starch degrading enzymes part VIII. A comparison of α -amylases from different sources : Their properties and action pattern. Die Starke 5 : 139 - 145.

Gujral S

1968 Nutritional studies on children in the post-weaning period. M Sc Dissertation, Dept of Foods and Nutrition, Faculty of Home Science, M S University, Baroda.

Hamad AM and Fields ML

1979 Evaluation of the protein quality and available lysine of germinated and fermented cereals. J Food Sci 44 : 456.

Hansen M, Pedersen B, Munck L and Eggum BO

1989 Weaning foods with improved energy and nutrient density prepared from germinated cereals. 1. Preparation and dietary bulk of gruels based on barley. Food and Nutrition Bulletin 11(2): 40-45.

Harinder K and Bains GS

1987 High α-amylase flours : Effect of pH, acid and salt on paste charecteristics. Cereal Chemistry 64 (6) : 359 - 363.

Harmon SM, Kaulter DA and Solomon HM

- 1987 Bacillus cereus contamination of seeds and vegetable sprouts grown in a home sprouting kit. J Food Protection 50(1) : 62-65.
- Harper JM and Jansen RG
- 1985 Production of nutritious precooked foods in developing countries by low-cost extrusion technology. Food Reviews International 1(1): 27-97.

Harvington JD

1966 Hydrocyanic acid content of Piper, Trudan I, and six sorghum Sudan grass hybrids. Pa Agric Exp Stn Bull 735

Hellstrom A, Hermansson AM, Karlsson A, Ljungqvist B, Mellander O

1981 and Svanberg U

Dietary bulk as a limiting factor for nutrient intake with special reference to the feeding of pre-school children. II. Consistency as related to dietary bulk - a model study. J Trop Ped 27 : 127-135.

Hitchcock NE, Gracey M and Gilmour AI

1985 The growth of breastfed and artificially fed infants from birth to twelve months. Acta Paediatrica Scandinavia 74 : 240-245.

Hofvander Y and Underwood B

1987 Processed supplementary foods for older infants and young children with special reference to developing countries. Fd Nutr Bull 9 (1) : 1-7.

Howling D

1989 Mechanisms of starch enzymolysis. International Biodeterioration 25 : 15 - 19. Hsu KH, Kim CJ and Wilson LA

1983 Factors affecting the water uptake of soyabeans during soaking. Cereal Chemistry 60: 208-211.

Hunt JN and Stubbs DF

1975 The volume and energy content of meals as determinants of gastric emptying. J Physiol 245 : 209-225.

Hurst E

1942 The poisonous plants of New South Wales. Snelling Printing Works, Sydney.

Hwang P and Bushuk W

1973 Some changes in the endosperm proteins during sprouting of wheat. Cereal Chem 50:1

Ibrahim Y and D'Appolouia BL

1979 Sprouting in hard red spring wheat. Baker's Dig 53 : 17.

ICMSF

- 1974 International Commission on Microbiological Specifications for Foods. cf Mathur R and Reddy V. 1983 Bacterial contamination of infant foods. Ind J Med Res 77 : 342-346.
- IS Bureau of Indian Standards.
- 1969 IS 5401, 5402, 5403. Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi.
- IS Indian standard specifications for protein rich food
- 1973 Supplements for infants and preschool children. IS No. 7021.

Isherwood RJ, Dimond C and Longhurst S

1988 Breast feeding and weaning practices in relation to nutritional status of under-5 children in North Bangladesh. Journal of Tropical Paediatrics 34: 28-31.

Jansen GR, O'Deen L, Tribelhorn RE and Harper JM

1981 The calorie densities of gruels made from extruded corn-soy blends. Food and Nutrition Bulletin 3(1): 39-44.

Jelliffe DB and Jelliffe EFP

1970 The urban avalanche and child nutrition. J Amer Diet Assoc 57 : 11.

John C and Gopaldas T

1988 Reduction in the dietary bulk of soya- fortified bulgar wheat gruels with wheat based amylase-rich food. Food and Nutrition Bulletin 10(4) : 50-53.

John C

1989 Studies on reduction of dietary bulk of young child foods with Amylase/Amylase Rich Foods. Unpublished Ph D dissertation. M S University of Baroda. Baroda.

Jones DA

1966 On the polymorphism of cyanogenesis in Lotus corniculatus L. Selection by animals. Canadian Journal of Genetic Cytology 8 : 556.

Jones M

1969 Amino acid metabolism of germinating Barley. Brew Dig 44 : 60.

Jood S, Mehta U, Singh R and Bhat CM

1985 Effect of processing on flatus producing factors in legumes. Journal of Agriculture and Food Chemistry 33(2): 268-271.

Jung GA, Lolly G, Shih SC and Reid RL

1964 Studies with Sudan grass. I. Effect of growth stage and level of nitrogen fertilizer upon yield of dry matter; estimated digestibility of energy, dry matter, protein, amino acid composition and pressic acid potential. Agronomy Journal 56 : 533-537.

Kapoor S

1986 Studies on Amylase Rich Food from maize (Zea mays) with respect to amylase activity, viscosity reduction property, keeping quality and suitability for its use in maize based weaning gruels. Unpublished M Sc dissertation. M S University of Baroda. Baroda.

Kent-Jones DW and Amos AJ

1967 Modern Cereal Chemistry. Food Trade Publishing, London.

Ketiker AO, Akinrele IO, Keshiuro OO and Akinnovo OO

1978 Changes in hydrocyanic acid concentration during traditional processing of cassava into "garric" and "lafuni". Food Chem 3 : 221-228.

Khan A, Kolte AV and Shiralkar ND

1977 Minimizing dry matter loss in malting of sorghum and maize. J Food Sci Technol 14 : 275 - 277.

King RD and Puwastein P

1987 Effects of germination on the proximate composition and nutritional quality of winged (Psopocarpus tetragonolobus) seeds. J Food Sci 52 (1): 106 - 108.

Kingsbury JM

1964 Poisonous plants of the United States and Canada. Prentice Hall, Englewood Cliffs N J.

Kneen EE

1944 A comparative study of the development of amylases in germinating cereals. Cereal Chemistry 21 : 304 - 314.

Korula S, Chandrasekhar MR, Indiramma K, Swaminathan M and

1961 Subrahmanyan V

Nutritive value of balanced malt foods. Indian Journal of Medical Research 49:880.

Kulkarni AV, Mande SA, Dhumal TD and Singh SS

- 1990 Elaboration of amylases in germinating green gram. Food and Nutrition Bulletin 11 (4): 54 - 57.
- Kylen AM and McCready RM
- 1975 Nutrients in seeds and sprouts of alfalfa, lentils, mung beans and soybeans. J Food Sci 40 : 1008.

Lasekan OO

1991 A preliminary study of the comparative malting qualities of Sorghum bicolor and Sorghum guineensis. Food Chemistry 39 : 241 - 247.

Lay MMG and Fields ML

1981 Nutritive value of germinated corn and corn fermented after germination. Journal of Food Science 46 : 1069.

Lemar LE and Swanson BG

1976 Nutritive value of sprouted wheat flour. J Food Sci 41 : 719.

Levitt MD, Hirsch P, Fetzer CA and Sheahan M

1987 H2 excretion after ingestion of complex carbohydrates. Gastroenterology 92 : 383-389.

Lin DL and Pomeranz Y

1976 Structural and mineral composition of malt sprouts. Brew Dig 51 : 52.

- Lineback DR and Ponpipom s
- 1977 Effects of germination of wheat, oats and pearlmillet on alpha amylase activity and starch degradation. Die Starke 2 : 52 60.

Lizotte PA, Cynthia HA and Duke SH

1990 Purification and characterisation of pea epicotyl β -amylase. Plant Physiology 92:615-621.

Ljungqvist BG, Mellander O and Svanberg U

Dietary bulk as a limiting factor for nutrient intake in pre-school children. I. A problem description. J Trop Ped 27: 68-73.

Lloyd RC and Gray E

1970 Amount and distribution of hydrocyanic acid potential during the life cycle of plants of three sorghum cultivars. Agronomy Journal 62 : 394-397.

Lorenz K

1974 The history, development and utilization of triticale. Crit Rev Food Sci Technol 5 : 175.

Lorenz K

1980 Cereal sprouts : composition, nutritive value and food applications. Crit Rev Food Sci Nutr 13 : 353.

MacLeod AM, Biol MI, Duffus JH and Johnston CS.

1968 Development of hydrolytic enzymes in germinating grain. J Inst Brew 70 : 521 - 524. Malleshi NG and Desikachar HSR

1979 Malting quality of new varieties of ragi (Eleusine coracana). J Food Sci Technol 16: 149.

Malleshi NG and Desikachar HSR

1982 Formulation of a weaning food with low hot paste viscosity based on malted ragi (Eleusine coracana) and green gram (Phaseolus radiatus). Journal of Food Science and Technology 19: 192-197.

Malleshi NG and Desikachar HSR

1985 Milling, popping and malting characteristics of some minor millets. J Food Sci Technol 22:400.

Malleshi NG and Desikachar HSR

1986 Nutritive value of malted millet flours. Qual Plant. Plant Food Hum Nutr 36 : 191.

Malleshi NG, Daodu MA and Chandrasekhar A

1989 Development of weaning food formulations based on malting and roller drying of sorghum and cowpea. International Journal of Food Science and Technology 24: 511-519.

Marero LM, Payuwo EM, Aguinaldo AR and Homma S

- 1988 Nutritional characteristics of weaning foods prepared from germinated cereals and legumes. Journal of Food Science 53 (5) : 1399- 1402.
- Martorell R, Lechtig A, Yarbrough C, Delgado H and Klein RE
- 1978 Energy intake and growth in an energy deficient population. Ecol Fd Nutr 7: 147-154.

Master K

1981 Acceptability trials with malted versus roasted RTE mixes on preschool children (1-5 years) and mothers of lower middle socio-economic group in Baroda. M Sc Dissertation, Dept of Foods and Nutrition, Faculty of Home Science, M S University, Baroda.

Mathur R and Reddy V

1983 Bacterial contamination of infant foods. Ind J Med Res 77 : 342- 346.

Mayer AM and Poljakoff-Mayber A

1963 The Germination of Seeds. MacMillan, New York.

Mbugua SK

1988 Fermented "uji" as a nutritionally sound weaning food. In "Improving young child feeding in Eastern and Southern Africa. Household level food technology". IDRC, Canada, pg 168-173.

McBee GG and Miller FR

1980 Hydrocyanic acid potential in several sorghum breeding lines as affected by nitrogen fertilization and variable harvests. Crop Science 20 : 232-234.

McConnell WB

1977 Studies on wheat plants using 14carbon compounds. V. Germination studies with labeled wheat seeds. Can J Biochem Physiol 35 : 1259.

McHale SD

1988 Using substituted starch for the estimation of α -amylase in a mixed system. J of Enzymology 32 (2) : 120-122.

Mellander O, Vahlquist B and Mellbin T

1959 Breast-feeding and artificial feeding. The Norbotten study. Acta Paediatr Scand Suppl 116. Mellander O and Svanberg U

1984 Compact calories, malting and young child feeding. In: Jelliffe DB and Jelliffe EFP ed. Advances in international maternal and child health. Clarendon Press 4 : 84-95.

Mensah P, Tomkins AM, Drasar BS and Harrison TJ

- 1991 Antimicrobial effect of fermented Ghanian maize dough. J Appl Bact 7 : 203-210.
- Mensah P, Drasar BS, Harrison TJ and Tomkins AM
- 1991 Fermented cereal gruels : Towards a solution of the weanling dilemma Food and Nutrition Bulletin 13(1) : 50-57.
- Miller LP
- 1973 Glycosides. In: Miller LP ed. Phytochemistry. Van Nostrand Reinhold Co. New York Vol 1.

٢.

Miller BF

1978 Effects of sprouting on nutritional value of wheat in Proc 10th Natl Conf Wheat Utilisation Research, Tucson AZ. November 16 to 18, 1977. ARM W-4.

Montgomery RD

1965 The medical significance of cyanogen in plant foodstuffs. American Journal of Clinical Nutrition 17:103.

Muckle TB and Stirling HG

1971 Review of the drying of cereals and legumes in the tropics. Trop Stored Prod Inf 22:11. Nagy D, Weildein W and Hixon RW

1941 Factors affecting solubility of corn proteins. Cereal Chem 18: 514.

Nahrstedt A

1973 Cyanogenic glycosides in higher plants (Abstract). Unsersever Zeit 2: 147-155.

Nattress LA, Mehta T, Mitchell ME, Pullman WA and Finney PL

1987 Formulation and nutritive value of weaning food from germinated food grains. Nutrition Research 7 : 1309-1320.

Nayak VR

1983 Studies on roasted, malted and combination of roasted +

malted RTE mixes with respect to viscosity, recipe formulation, acceptability and shelf life. Unpublished M Sc dissertation. M S University of Baroda. Baroda.

Nelson N

1944 A simple method for estimation of free sugars. J Biol Chem 153: 375 - 378.

Nicol BM

1971 Protein and calorie concentration. Nutr Rev 29 : 3-8.

Nielsen MT, Meade RE, Paulsen GM and Hoseney RC

1978 Improvement of wheat protein quality by germination. In: Proc 10th Natl Conf Wheat Utilization Research. Tucson AZ. November 16 to 18, 1977. ARW-N-4.

NNMB

1983 National Nutrition Monitoring Bureau. Report on the nutrient intake of different demographic groups in ten states of India. Nutr News 4 (1).

Nout MJR, Hautvast JGAJ, Vander Haar F, Marks WEW and Rombouts FM

1988 Formulation and microbiological safety of cereal-based weaning foods. Proceedings of Workshop on "Improving young child feeding in Eastern and Southern Africa, Household level food technology". IDRC, Canada pg 245-260.

Novellie L

1962 Kaffircorn malting and brewing studies. XI. Effect of malting conditions on the diastatic power of Kaffircorn malt. J Sci Food Agric 13 : 115.

Opuku AR, Ohenhen SO and Ejiofor N

- 1981 Nutrient composition of millet (Pennisetum typhoides), grains and malts. J Agric Food Chem 29 : 1247.
- Osborne TB and Mendel LB
- 1914 Nutritive properties of proteins of maize kernel. J Biol Chem 18:1.

Osontukun BO

- 1968 An ataxic neuropathy in Nigeria. Brain 91 : 215 217.
- Osontokun BO, Monekosso GL and Wilson J
- 1969 Relationship of a degenerative tropical neuropathy to diet. British Medical Journal 1: 547 - 549.
- Osontukun BO, Singh SP and Martinson FD
- 1970 Deafness in tropical nutritional ataxic neuropathy. Tropical Geographical Medicine 22 : 281 284.

PAG (United Nations Protein-Calorie Advisory Group)

1973 Is there a protein problem? WHO Chronicle 27 : 487-491.

Paiva SL

1953 Pattern of growth of selected groups of breast-fed infants in Iowa city. Pediatrics 11: 38-47.

Patel CS and Wright MJ

1958 The effect of certain nutrients upon the hydrocyanic acid content of Sudan grass grown in nutrient solution. Agronomy Journal 50: 645-647.

Patel P

1988 A study on the malting properties of Kodo millet (Paspalum scorbiculatum) : Effect of various Amylase Rich Foods on the bulk reducing property of Kodo based gruels. (Unpublished) M Sc Dissertation, Dept of Foods and Nutrition, M S University, Baroda.

Panasiuk O and Bills DD

1984 Cyanide content of sorghum sprouts. J Food Sci 49 : 791-793.

Pathirana RA, Sivayogasundaram K and Jayatissa PM

1983 Optimization of conditions for malting of sorghum. J Food Sci Technol 20 : 108.

Payne PR

1976 Nutrition planning and food policy. Food Policy 107-115.

Pertet AM, Van Praag E, Kinoti SN and Waiyakil P

1988 Weaning food hygiene in Kiambu, Kenya. Proceedings of workshop on "Improving young child feeding in Eastern and Southern Africa. Household Level Food Technology". IDRC, Canada pg 234-239.

Pomeranz Y and Robbins GS

1971 Malt sprouts : their composition and use. Brew Dig 46 : 58.

Pomeranz Y and Shauds HL

1974 Gibberellic acid in malting of oats. J Food Sci 39 : 950.

Poskitt EME

Energy needs in the weaning period. In: Ballabriga A and Rey J ed. Weaning : Why, what and when? Nestl Nutrition Workshop Series Vol 10. Raven Press, New York p 45-54.

Radley JA

1968 Starch and its derivatives. 4th Edition. Chapman and Hall Ltd. London.

Raj EA

1989 A study on the development of an Amylase Rich Food from bunti (Echinochloa stagnina) and its use in preparation of low bulk weaning gruels.(Unpublished) M Sc Dissertation, Dept of Foods and Nutrition, M S University, Baroda.

Rajalakshmi R and Ramakrishnan CV

1977 Formulation and evaluation of meals based on locally available foods for young children. World Review of Nutrition and Dietetics 27 : 34-104.

Ram PC, Lodha ML, Srivastava KN, Tyagi RS, Singh J and Mehta SL

1979 Improving nutritive value of maize by germination. Journal of Food Science and Technology 16:258.

Ranhotra GS, Loewe RJ and Lehmann TA

1977 Bread-making quality and nutritive value of sprouted wheat. J Food Sci 42:1373.

Reed G and Underkofler LA

1966 Enzymes in food processing. Food Science and Technology A series of monographs. Academic press. London, New York.

Riggs TJ, Sanada M, Morgan AG and Smith DB

1983 Use of acid gel electrophoresis in the characterization of "B hordein protein in relation to malting quality and mildew resistance of barley. J Sci Food Agric 34: 571.

Ring SG, Gee JM, Whittam M, Oxford P and Johnson IT

1988 Resistant starch : Its chemical form in foodstuffs and effect on digestibility in vitro. Food Chem 28 : 97-109.

Robbins GS and Pomeranz Y

1971 Amino acid composition of malted cereals and malt sprouts. Am Soc Brew Chem Proc: 15.

Roberts EH

- 1973 Loss of viability : chromosomal and genetic aspects. Seed Sci Technol . 1 : 515.
- Robyt JF and Whelan WJ
- 1968 The α-amylases. In Radley JA ed. Starch and its derivatives. 4th Edition Chapman and Hall Ltd. London pg 430 - 476.

Romon AV, Bender AE and Morton ID

1987 Formulation and processing of a weaning food based on rice, cowpeas and skim milk powder. Hum Nutr Fd Sci Nutr 41F : 15-22.

Rowland MGM, Barrel RAE and Whitehead RG

1978 Bacterial contamination in traditional gambian weaning foods. The Lancet January 21: 136 - 138.

Rowland MGM

1986 The weanlings dilemma : Are we making progress? Acta Paediatr Scand Suppl 323 : 33-42. Rutishauser IHE and Frood JDL

1

1973 The effect of a traditional low fat diet on energy and protein intake, serum albumin concentration and body weight in Ugandan children. Br J Nutr 29 : 261-268.

,

Rutishauser IHE

1975 The dietary background to protein energy malnutrition in West Mengo district, Uganda. In: Child in the African Environment : growth, development and survival. Ed. Owor R, Ongom VL and Kirya BCE. Afr Lit Bur Nairobi Cf: Jelliffe DB and Jelliffe EFP ed. Adv Int Mat Child Health Claredon Press 1984 4 : 84-95.

Sakoane AL and Walsh A

1988 Bacteriological properties of traditional sour porridges in Lesotho. Proceedings of workshop on "Improving young child feeding in Eastern and Southern Africa. Household level food technology". IDRC, Canada p 261- 266.

Salunkhe DK, Chavan JK and Jadhav SJ Eds.

1984 Nutritional and Processing Quality of Sorghum. Oxford and IBH, New Delhi, India.

Salunkhe DK, Kadam SS and Chavan JK

1985 Post-harvest biotechnology of food legumes. CRC Press, Boca Raton, FL.

Sanstedt RM, Kneen E and Blish MJ

1939 A standardised Wohlgemuth procedure for alpha amylase activity. Cereal Chemistry 16:712-723.

Seigler DS

1975 Isolation and characterisation of naturally occuring cyanogenic compounds. Phyto-chemistry 14:9-29.

Seigler DS

1976 Plants of the northeastern United States that produce cyanogenic compounds. Economic Botany 30: 395-407.

Shade E

1980 Weight grains in breast-fed infants. Newsletter, Nursing Mother's Association of Australia April 3-9.

Shimango C

1988 Fecal contamination of weaning foods in Zimbabwe. Proceedings of workshop on "Improving young child feeding in Eastern and Southern Africa. Household level food technology". IDRC, Canada p 240-244.

Singh DP and Tauro P

1977 Evaluation of bajra (Pennisetum typhoideum) for malting quality. J Food Sci Technol 14 : 255.

Smith DB

1972 The amino acid composition of barley grain protein during development and germination. J Agric Sci 78 : 265.

Steyn DG and Rimington C

1935 The occurrence of cyanogenetic glucosides in South African species of acacia. I. Onderstepoort J Vet Sci An Ind.

Svanberg U

1988 Dietary bulk in weaning foods and its effect on food and energy intake. In: Alnwick D, Moses S and Schmidt OG eds. "Improving young child feeding in Eastern and Southern Africa. Household level food technology". IDRC 265e - Canada 272-285. Svanberg U, Sjogren E, Lorri W, Svennerholm AM and Kaijser B.

1992 Inhibited growth of common enteropathogenic bacteria in lacticfermented cereal gruels. World Journal of Microbiology and Biotechnology. 8 : 601 - 606.

Tajuddin KM

1981 Acceptability and nutritional status trials on preschool children (1- 5 years) using malted versus roasted Ready-To-Eat (RTE) mixes at Baroda and Pondicherry. M Sc Dissertation, Dept of Foods and Nutrition, Faculty of Home Science, MS University, Baroda.

Tapper SA and Reay PF

1973 Cyanogenic glycosides and glucosinolates. In: Butler GW and Baily RW ed. Chemistry and biochemistry of herbage. Academic Press London and New York Vol 1.

Taylor JRW

1983 Effect of malting on the protein and free amino acid composition of sorghum. J Sci Food AGric 34 : 885.

Telek L

- 1983 Toxic substances in potential plant sources for leaf protein preparation. In: Telek L and Graham HD ed. Leaf protein concentrates. AVI Publishers, p 295-395.
- TFNC (Tanzania Food and Nutrition Centre)
- 1978 Dietary bulk as a limiting factor for nutrient intake with special reference to the feeding of preschool children. Report No 250.

Thomson LU and Yoon JH.

1984 Starch digestibility as affected by polyphenols and phytic acid. Journal of Food Science. 49 : 1228 - 1229.

Tomkins A, Alnwick D and Haggerty P

1988 Fermented foods for improving child feeding in Eastern and Southern Africa : A review. In: Alnwick D, Moses S and Schmidt OG ed. "Improving young child feeding in Eastern and Southern Africa. Household level food technology". IDRC 265e, Canada, p 136-167.

Tontisirin K, Moaleeckoonpairoj B, Dhanamitta S and Valyasevi A

1981 Formulation of supplementary infant foods at the home and village level in Thailand 13(3): 37-41.

Trowell HC and Muwazi EMK

1945 Severe and prolonged underfeeding in African children (the Kwashiorkor syndrome of malignant malnutrition) Archives of Diseases in Childhood 20: 110-116.

Tsai CY, Dalby A and Jones RA

1975 Lysine and tryptophan increases during germination of maize seed. Cereal Chem 52: 356.

UNICEF.

1993 Child malnutrition : Progress towards the world summit for children goal. Publicaton from the statistics and monitoring section of the UNICEF planning and coordination office. UNICEF. New York.

Van Steenberg WM, Mossel DAA, Kusin JA and Jansen AAJ

- 1983 Machakos project studies agents affecting health of mother and child in a rural area of Kenya. Trop Geogr Med 35 : 193-197. Venkatachalam PS, Susheela TP and Rau P
- 1967 Effect of nutritional supplementation during early infancy on growth of infants. J Trop Pediatr 13(2) : 70-76.

Viehover A

1940 Edible and poisonous beans of the Lima type (Phaseolus lunatus L) Thailand Scientific Bulletin 2:1.

Wahed MA, Mahalanabis D, Begum M, Rahman M and Islam MS.

1993 Energy dense meals liquified by amylase of germinated wheat : Effect on the viscosity, osmolality, energy and protein content of a rice-porridge and on the growth of pathogenic bacteria. In Press.

Wang HL, Ruttle DI and Hesseltine CW

1969 Antibacterial compound from a soybean product fermented by Rhizopus oligosporus (33930). Proc Soc Exp Bio Med 579-583.

Wang YD and Fields ML

1978 Germination of corn and sorghum in the home to improve nutritive value. J Food Sci 43 : 1113.

Waterlow JC and Payne PR

1975 The protein gap. Nature 258 : 113-117.

Waterlow JC and Thomson AM

1979 Observations on the adequacy of breast feeding. Lancet 2 : 238- 242.

Watt DM

1974 Sprouts grow in your kitchen. Sunset 15:64.

Whistler RL and Paschall EF

1967 Starch : Chemistry and technology. Vol II Academic Press, New York.

Whitehead RG, Paul AA and Rowland MGM

1980 Lactation in Cambridge and in the Gambia. In: Wharton BA ed. Nutrition in childhood. Topics in Paediatrics 2. Tunbridge Wells : Pitman Medical p 22-33.

Whitehead RG

1982 Comparative energy intakes in two year old Ugandan and English children. Cf: Effect of dietary energy density on food intake of preschool children. Araya et al (1983) Nutr Rep Intl 28(5) : 965-971.

Wijga M, Vyas U, Vyas A, Sharma V, Pandya N and Nabarro D

1983 Feeding, illness and nutritional status of young children in rural Gujarat. Human Nutrition : Clinical Nutrition 37C : 255-269.

Williams CD

1933 A nutritional disease of childhood associated with maize diet. Archives of diseases in childhood 8: 423-433.

Williams CD

1938 Child health in Gold Coast. Lancet 1 : 97-102.

Windish WW and Mhatre NS

1965 Microbial amylases. In: Umbreit WW ed. Advances in applied microbiology. Vol 7 AP New York.

Wolf DD and Washko WW

1967 Distribution and concentration of HCN in a sorghum - Sudan grass hybrid. Agronomy Journal 59 : 381-382.

Yocum LE

1925 The translocation of food materials of the wheat seedling. J Agron Res 31 : 727.