

REFERENCES

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Abd El-Hafez, A.E. (1981).

Utilization of farm and industrial waste products for the production of single cell protein.

Ph.D. Thesis, Dept. Microbiology, Fac. of Agric., Ain Shams Univ.

Abd El-Hafez, A.M.; S.A.Z. Mahmoud; M. El-Sawy and E.M. Ramadan (1977).

Studies on protein production by yeasts. II- Protein, non protein production and amino acid content of yeast strains.

Zentralbl. Bakteriол., Parasitenkd., Infektionskr. Hyg., Abt. 2, 132(5): 631-640 (Eng.).

Alian, A.N.; Hoda G. El-Masry; Nagwa M. El-Shimi and M.A. Fadel (1990).

Utilization of pea peels sugar hydrolyzate in yeast protein production.

Annals Agric. Sci., Fac. Agric., Ain Shams Univ., Cairo, Egypt, 35(1): 157-166.

Altschul, A.M. (1958).

Processed plant protein food stuffs.

New York, Academic Press.

(c.f. Abd El-Hafez, 1981).

Andrew, S.P. (1981).

Effects of preparative processes on the composition and functional properties of protein preparations from *Candida utilis*.

J. Food sci. 46: 377-382.

A.O.A.C. (1975).

Official Methods of Analysis of Association of Official Analytical Chemists. Washington, D.C. 12th Ed.

A.O.A.C. (1980).

Official Methods of Analysis of Association of Official Analytical Chemists. Washington, D.C. 13th Ed.

Atalla, M.M. and M.M. Hussein (1985).

Single cell protein production from methanol.
Egypt. J. Microbiol., 20(1): 71-76.

Badr Eldin, S.M.; A.A. El-Nimr, A. Yousef and Y.B. Yousef (1984).

Salted whey utilization V- chemical composition of some yeasts grown on salted whey.
Egypt. J. Microbiol., 19(2): 261-264.

Bakr, A. and M.H. Shaker (1958).

Physiological studies on the phosphorus nutrition of peas.
Fac. of Agric., Cairo Univ., Egypt.

Beschkov, M.; M. Kirtocheva and D. Grigorova (1979).

Study of *Saccharomyces* yeasts for production of protein. II- Effect of the nitrogen source on the yield of yeast solids and the content of protein and nucleic acids in *Saccharomyces cerevisiae* 0578.

Vkusova Prom. St., Plovdiv, 26(1): 217-226.
(c.f. Chem. Abst. 95: 767092c, 1981).

Boiteux, S.; G. Villani; S. Spadari; F. Zambrano and M. Radman (1978).

Making and correcting errors in DNA synthesis, *In vitro* studies of mutagenesis. In "DNA Repair Mechanisms" P.C. Hanawalt, E.c. Friedberg and C.F. Fox, eds.), pp. 73-84. Academic Press, New York.

Bressani, R. (1968).

The use of yeast in human foods. In "single cell protein" Metales. R.I. and Tannenbaum, S.R., eds.) 67-78.
M.I. Press. Cambridg, Massachusetts and London, England.

Burrows, S. (1970).

Baker's yeast. In "the yeasts" (Rose, A.H. and Harrison, J.S. eds.) Vol. 3 pp. 349-420 Academic Press, London and New York.

Burton, K. (1965).

A study of conditions and mechanism of the diphenylamine reaction for the colorimetric estimation of DNA.
Biochemical J. 62: 315-322.

Charels, J.R.; C. Emile; F.S. Donald and C.P. Thomas (1972).

Production of fungal Protein from cellulose and waste cellulosic.
Environ. Sci. Technol. 6: 715.

Christen P.; R. Auria, C. Vega; E. Villegas and S. Revah (1993).

Growth of *Candida utilis* in solid state fermentation.
Biotechnol. Adv. 11(3): 549-557.
(c.f. Chem. Abst. 120, 189830f, 1994).

Daugulis, A.J. and D.H. Bone (1978).

Production of microbial protein from tree bark by *Phanerochaete chrysosporium*.
Biotechnol. Bioeng., xxs: 1639-1649.

Delaney, A.M. Rory; Robert Kennedy and D. Wally (1975).

Composition of *Saccharomyces fragilis* biomass grown on lactose permeate.
J. Sci. Food Agric. 26: 1177-1186.

Difco Manual (1974).

Manual of dehydrated culture media and reagents for microbiological and clinical laboratory procedure, 9th ed., Reprinted difco Laboratories, Detroit, Michigan, U.S.A.

Edozien, J.C.; U.U. Udo; V.R. Yong and N.S. Scrimshaw (1970).

Effect of high levels of yeast feeding on uric acid metabolism of young men *Nature* 228: 180-181.
(c.f. Hammouda, 1988).

El-Ashwah, E.T.; N.M. Eid and A.K. Said (1980).

Utilization of yeast in nutrition. II- Evaluation of yeast protein and its potential use as a food supplement.
Egypt. J. Microbiol., 15(1-2): 81-90.

El-Ashwah, E.T.; N.M. El-Shimi and F.A. Ismail (1981).

Studies on mycelial production and utilization from fungi imperfecti. I. Environmental conditions and large scale fermentation.
Egypt. J. Microbiol., 16(1-2): 87-96.

El-Ashwah, E.T.; I.T. Musmar; F.A. Ismail and A. Alian (1978).

Effect of molasses-corn steep liquor media on yield and protein concentration.
Egypt. J. Microbiol., 13(1-2): 47-56.

Elias, A.N.; A.A. Ramadan; M.F. Hussien; A.Y. Gibriel and H.A. Seda (1983).

Protein production from mixed cultures of bacteria and yeast.
Egyptian Society of Applied Microbiology Proc. V. Conf. Microbiol., Cairo, May 1983 Vol. I- Part I- Fermentation Microbiol. Paper No. 7.

El-Masry G. Hoda (1983).

Utilization of Egyptian rice straw in production of celluloses and microbial protein. Effect of various pretreatment on yields of protein and enzyme activity.
J. Sci. Food Agric. 34: 725-732.

El-Masry, H.G.; A.M. Alian; N.M. El-Shimi and M.A. Fadel (1990).

Nutritional evaluation of *Hansenula polymorpha* protein grown on sugar hydrolyzate of pea peels.
Annals Agric. Sci.; Fac. Agric., Ain Shams Univ., Cairo, Egypt, 35(1): 167-175.

El-Masry, H.G.; O.Y. Mansour and M.S. Foda (1983).

Production of single cell protein on black liquor of pulp mills in Egypt.
Egypt. J. Microbiol., 18(1-2): 87-98.

El-Nawawy, A.S. and M.A. Fouda (1973).

Utilization of Egyptian molasses in the production of single cell protein. A comparative study on the three different yeasts.
Agr. Res. Rev. Cairo. 51(2): 207-210.

El-Nimr, A.A.; S.M. Badr El-Din; Y. Ghali and Y.B. Yousef (1982).

Salted whey utilization. I- Salt tolerance of yeasts.
Egyptian J. Dairy Sci., 10: 1-5.

El-Sawy, M.; S.A.Z. Mahmoud; A.M. Abd El-Hafez and E.A. Ramadan (1977).

Studies on protein production by yeasts. II- Effect of different levels of nitrogen and phosphorus.
Zentralbl. Bakteriologie, Parasitenkd. Infektionskr. Hyg., abt. 2, 132(7): 641-647 (Eng.).
(c.f. Chem. Abst. 88: 72964g, 1978).

El-Sayed, M.M.; A.A. Hamdy and S.A. El-Assar (1988).

Optimization of protein production from *Aspergillus niger*.
Egypt. J. Microbiol., 23(2): 301-314.

El-Wafai, N.A.; M.S. Abd El-Sabour and H. Abd El-Basit (1994).

effect of gamma radiation on plasmid DNA damage of some
bacterial strains.
Zag. J. Agric. Res. 21(1): 79-89.

FAO (1957).

Food and Agriculture Organization of the United Nations.
Protein Requirements (FAO Nutritional Studies No. 16, Rome,
1957).

FAO (1970).

Food and Agriculture Organization of the United Nations.
Amino acid content of foods and biological data on protein.
Protein Requirements (FAO Nutritional Studies No. 24, Rome,
1970).

Farag, M.K.; M.N. El-Rify and S.H. Abou El-Hawa (1982).

Effect of different concentrations of sugar, ethyl alcohol, tannic
acid and sulfur dioxide on the production of single cell protein.
Assiut J. Agric. sci. Vol. 13(1): 49-60

Flood, A.E. and C.A. Priestley (1973).

Two improved methods for the determination of soluble
carbohydrates.
J. Sci. Food Agric. 24: 953.

Foda, M.S.; M.S. El-Gharabli; S.A. Soliman; K. Nagib and H.A. Murad (1986).

Production of single cell protein from food industry wastes: III- Optimization of some culture conditions affecting fungal growth.

Egypt. J. Microbiol., spec. Issue, pp. 111-124.

Frey, C.N. (1930).

History and development of the yeast industry. Ind. Eng. Chem. 22: 1154-1162.

(c.f. Hammouda, 1988).

Gamal, R.F.; E.M. Ramadan; M. El-Sawy and H.M. Abd El-Hady (1985).

Studies on the production of single cell protein using *Candida utilis* and *C. pelluculosa* P₆ in the fermentor as a fed batch culture.

Annals Agric. Sci., Fac. Agric., Ain Shams Univ., Cairo Egypt. 30(2): 755-771.

Gewally, E.M. (1978).

Production of fungal protein from vegetable wastes.

Zagazig J. Agric. Res., 4(1).

Ghanem, K.M.; A.H. El-Refai and M.A. El-Gazaerly (1991).

Protein-enriched feedstuff from beet pulp.

World J. of Microbiology and Biotechnology 7: 365-371.

Gray, W.D. (1962).

Microbial protein from the space age.

Develop. Indus. Microbiol., 3: 63-71.

Gray, W.D.; F.F. Och and M.A. El-Seoud (1964).

Fungi imperfecti as a potential source of edible protein.
 Develop. Indus. Microbiol., 5: 384-389.

Hammouda, H.I.A. (1988).

Chemical studies on protein from some microbial sources.
 Ph.D. Thesis, Dept. Soil, Fac. Agric., Ain Shams Univ.

Han, Y.W. and Callihan, C.D. (1974).

Cellulose fermentation: Egypt. of substrate pretreatment on
 microbial growth.
 Appl. Microbiol. 27: 159-165.

**Hargrove, R.E.; F.E. McDonough; D.E. La Croix and J.A. Alford
 (1976).**

Production and properties of deproteinized whey powders.
 J. Dairy Sci., 59: 25-33.
 (c.f. "Whey and Lactose processing" eds by J.G. Zadow.
 Elsevier applied science London and New York)

Harris, G. (1958).

The chemistry and biology of yeast.
 (A.H. Cook, ed.) pp. 438-586. Academic Press, I.N.C.
 Publishers, New York.
 (c.f. Hammouda, 1988).

Herbert, D.; P.J. Phipps and R.E. Strang (1971).

Chemical analysis of microbial cells. In "Methods in
 Microbiology" Vol. 58. J.R. Norris and D.W. Ribbons eds. pp.
 209-344 Academic press, London and New York.

Herbert, D.; R. Flosworth and R.C. Telling (1956).

The continuous culture of bacteria, a theoretical and
 experimental study.
 J. Gen. Microbiol., 14: 601-622.

- Hodge, H.M. and Hildebrondt, F.M. (1954).**
Alcoholic fermentation of molasses. In "Industrial fermentation" (L.A. Underkofler and R.J. Hickey, eds) pp. 73-94.
Chemical Publishing Co., INC.
- Hong, S. and K. Jang (1976).**
Growth conditions for the biomass yield of two methanol utilization yeast spp.
Proc. Coll-Nat. Sci., Sect. 4 (Seoul Natl-Univ.) (1): 153-167.
(c.f. Chem. Abst. 87, 182577, 1977).
- Hopkins, T.R. (1982).**
Protein with reduced nucleic acid.
Eur. Pat. Appl. Ep. 50, 831.
(c.f. Chem. Abst. 97: 37536h, 1986).
- Hopkins, T.R. (1986).**
Production of protein with reduced nucleic acid.
(Phillips Petroleum Co.) European patent EP 0050: 831 B1.
(c.f. Food Sci. Tech. Abst. 18(9), 130).
- Imperial Chemical Industries Ltd (1977).**
Treatment of unicellular protein.
Imperial Chemical Industries Ltd Blg. 844, 127.
(c.f. Chem. Abst. 87, 132327j, 1977).
- Ingram, M. and J. Farkash (1977).**
Microbiology of foods pasteurized by ionizing radiation.
Acta Alimentaria, vol. (2): 123-185.
- Jackson, M.L. (1973).**
Soil Chemical Analysis.
Constable & Co. London.

Kallel-Mhiri, H.; C. Valance; J.M. Engasser and A. Micol (1994).

Yeast continuous mixed cultures on whey permeate and hydrolysed starch.

Process Biochem. Vol. 29(5): 381-386.

Ind. Appl. Microb. Vol. 30(8): 5089-A (1995).

Katranushkova, Ch.; B. Tsvetkova and L. Losseva (1992).

Influence of the growth rate on amino acid content in yeasts.

Academic bulgare des sciences. Tome 45(10).

Khaled, G.M.; R.R. Francis; M.E. Ramadan and R.A. Wasef (1985).

Amino acids content of single cell protein produced from rice husks hydrolysate medium.

Annals Agric. Sci., Fac. Agric., Ain Shams Univ., Cairo, Egypt. 30(1): 63-73.

Kihlberg, R. (1972).

"The microbe as a source of food" In "Annual review of microbiology (C.E. Clifton; S. Raffel and M.P. Storr). Vol. 26 pp. 427-466.

Annual Rev. INC. Palo Alto, California, U.S.A.

Kimura, M. (1960).

Optimum mutation rate and degree of dominance as determined by the principle of minimum genetic load.

J. Genet. 57: 21-34.

Kircheva, M.; M. Beshkova and D. Grigorova (1979).

Study *Saccharomyces* yeast for production of microbial protein. III. Effect of the phosphorus source on the yield of absolutely dry yeast and the content of protein and nucleic acids in *Saccharomyces cerevisiae* 9578.

Nauchni. Tr. Vissh. Inst. Khusova Prom. St. Plov-div. 26(1): 227-235.

(c.f. Chem. Abst. 95, 167093f, 1981).

Kotov, V.B. (1978).

Neutralization of nutrient substrates of yeasts. *Gidroliz. Proizvod* (6), 9.

(c.f. Chem. Abst. 90: 70570t, 1981).

Lawford, G.R.; A. Kligerman and T. Williams (1979).

Production of high quality edible protein from *Candida* yeast grown in continuous culture.

Biotechnol. Bioeng., XXI: 1163-1174.

Lasziity, R.E. and M.B. Abdel-Samei (1984).

Proteins and free amino acids of sugar cane molasses.

Szesipor 32(4): 142-143.

(c.f. Chem. Abst. 103, 3892i, 1985).

Lee, K.Y. and S.T. Lee (1995).

Yeast biomass production from concentrated sugarcane stillage using a thermotolerant *Candida rugosa*.

J. Microbiol. Biotechnol. 5(2): 114-116.

(c.f. Chem. Abst. 123, 141820n, 1995).

Madi, A.; A. El-Nagar; Y.A. Shehata; K. Abd El-Hafez and A.A. Abu-Zeid (1975).

Production of fodder yeast by *Saccharomyces cerevisiae* grown on Egyptian black strap molasses. *Indian J. Microbiol.*, 15: 27-30.

Manilal, V.B.; C.S. Norayanan and C. Balagopalan (1991).

Cassava strach effluent treatment with concomitant single cell protein production.

World J. of Microbiology and Biotechnology 7: 185-190.

Mansour, S.M. (1988).

Production of fungal proteins from starchy wastes.

M.Sc. Thesis, Dept. Microbiol., Fac. Agric., Ain Shams Univ.,
Cairo, Egypt.

Martin, A.M. and V.I. Bailey (1984).

Study on the acid hydrolysis of peats: I- Extraction of
carbohydrates.

J. Chem. Tech. Biotechnol., 34: 70-74.

Mateles, R.I. and S.R. Tannenbaum (1968).

(Eds.), Single cell protein (MIT Press), Cambridge,
Massachusetts and London.

Meyer, E.W. (1966).

Proceedings of the international conference on soy protein
foods, soya protein concentrates and isolates (USDA, ARS,
Peoria, 1966). p. 144.

(c.f. Lawford *et al.*, 1979).

Monib, M.; A. Abd El-Bakey; I.M. Ghazi and M. Abd Alla (1984).

Effect of different carbon and nitrogen sources on mycelial and
protein yields from certain fungi.

Annals Agric. Sci., Fac. Agric., Ain Shams Univ., Cairo,
Egypt. 29(2): 647-660.

Montgomery, R. (1961).

Further studies of the phenol sulphuric acid reagent for
carbohydrates.

Biochem. Biophys. Acta, 48: 591-593.

Moo-Young, M.; D.S. Chahal and D. Vlach (1978).

Single cell protein from various chemically pretreated wood
substrates using *Chaetomium cellulolyticum*.

Biotechnol. Bioeng., XX: 107-118.

Moo-Young, M.; Y. Chisti and V. Dagmar (1993).

Fermentation of cellulosic materials to mycoprotein foods.

Biotechnol. adv. 11(3): 469-479.

(c.f. Chem. Abst. 120, 189829n, 1994).

Moon, N.J.; E.G. Hammond and A.G. Bonita (1978).

Conversion of cheese whey and whey permeate to oil and single cell protein.

J. Dairy Sci. 61(11):1537-1547.

Moreira, A.R.; J.A. Phillips and A.E. Humphrey (1981).

Utilization of carbohydrates by *Thermomonospora* sp. grown on glucose, cellobiose and cellulose.

Biotech. bioeng. Vol. XXIII pp. 1325-1338.

Morimota, H. and M.T. Saeki (1985).

A fermentation starting material.

Brit. U.K. Pat. Appl. GB2, 152, 057.

31 Jul. 1985, JP. Appl. 821197, 139.

(c.f. Chem. Abst. 104, 90869, 1986).

Murad, H.A.; S. Abd El-Ghani and K. El-Shenawy (1992).

Bioconversion of whey permeate into *Kluyveromyces lactis* biomass.

Egyptian J. Dairy Sci. 20: 261-271.

Nabben, F.J.; M.V.M. Lafleur; J.M. Sikkers; A.C. Loman and H. Loman (1984).

Repair of damage in double stranded (Φ X 174 CRF) DNA due to radiation-induced water radicals. Int. J. Radiat. Biol. 45: 379-388.

Nelson, N. (1944).

A photometric adaptation of the somogyi method for the determination of glucose.

J. Biol. Chem. 153: 375.

Nkumah, N.I.; H.W. Doelle and A.F. Ogunye (1979).

The effect of different inoculum preparations and pH on the growth of *Geotrichum candidum* using different types of starch.

Food Process Engineering, I: 914-919.

Nour El-Din, N.A. and M.E. El-Habbal (1986).

Utilization of maize waste products for production of microbial protein. 6- Evaluation of the biomass of some microorganisms grow on maize stover.

Annals Agric. Sci., Fac. Agric., Ain Shams Univ., Cairo, Egypt. 31(1): 131-146.

Nour El-Din, N.A.; M.E. El-Habbal and S.M. Hamdy (1988).

Utilization of maize waste products in production of microbial protein 7- The nutritive value of penicillium grown up on maize stems.

Annals Agric. Sci., Fac. Agric., Ain Shams Univ., Cairo, Egypt. 33(1): 163-174.

Olbrich, H. (1956).

Die "Molasses". Isntitute fur Garung Sgewerbe, Berlin.

(c.f. Burrows, 1970).

Osborn, T.B. and L.B. Mendel (1916).

Quantitative comparison between casein, lactalbumen and edestine for growth or maintenance.

J. Biol. Chem. 26: 1-23.

Oser, B.L. (1951).

Method for integrating essential amino acid content in the nutritional evaluation of protein.

J. of the American Dietetic Assoc., 27: 396.

(c.f. Mansour, 1988).

Osman, M.A. and A.M. Bezbaradov (1986).

Production of single cell protein from Egyptian cane sugar molasses. III- Determination of nucleic and amino acids content, protein fractions and protein digestability of the yeast *Candida humicola* 6.

Egypt. J. Microbiol., Spec. Iss. pp. 101-110.

Osman, M.A.; A.M. Bezbaradov and L.E. Voina (1983).

Production of single cell protein from Egyptian cane sugar molasses. II- Effect of some enviromental and nutritional conditions on growth and protein content of *Candida humicola*.

Egypt. J. Microbiol. 18(1-2): 79-85.

Peppler, H.J. (1968).

Industerial production of single cell protein from carbohydrates. In "single cell protein" R.I. Mateles and S.R. Tannenbaum eds. pp. 229-242 MIT. Press, Cambridge, Massachusetts and London, England.

Peppler, H.J. (1970).

Food Yeast. In "the yeast" (by A.H. Rose and J.S. Harrison eds.) Vol. 3, Academic Press, London.

(c.f. Farag *et al.*, 1982).

Prescott, S.C. and C.G. Dunn (1959).

Industerial Microbiology.

Mc Graw-Hill Book Company, INC. New York, Toronto, London.

Pyke, M. (1958).

The technology of yeast. In "Chemistry and Biology of yeast".
A.H. Cook (Ed.) pp. 535-586. Academic press, New York.

Pyler, F.S. (1973).

Baking Science and Tech. vol. II- Siebel publishing Co.
Chicago, II.
(c.f. Murad *et al.*, 1992).

Quiery, P.; N. Therien and A. Leduy (1979).

Production of *Candida utilis* protein from peat extracts.
Biotech. Bioeng. Vol. XXI pp. 1175-1190.

Racle, F.A. (1962).

Production of fungal protein from black strap molasses.
Paper No. 553. Dept. Botany and Plant Pathology, Ohio State
University.
Cited after El-Ashwah *et al.* (1981). Egypt. J. Microbiol.,
16(1-2): 87-96.

Ramadan, E.M. (1973).

Studies on yeast.
Ph.D. Thesis, Dept. Microbiol., Fac. Agric., Ain Shams Univ.,
Cairo, Egypt.

Ramadan, E.M. (1982).

Single cell protein from yeast.
The third regional training course of the Egyptian society of
applied microbiology. Cairo, Egypt. 6-25 March, 1982.

Ramadan, E.M.; M. El-Sawy; Rawia F. Gamal and Hemmet M. Abd El-Hady (1985).

Growth parameters of yeast grown on agricultural residues using shake flasks as a batch culture.

Annals Agric. Sci., Fac. Agric., Ain Shams Univ., Cairo, Egypt. 30(1): 25-45.

Ramadan, E.M.; M. El-Sawy; S.A.Z. Mahmoud and A.E. Abd El-Hafez (1983a).

Nutritive value of some yeasts grown on agroindustrial by-products.

Egyptian Society of Applied Microbiology. Proc. V. Conf. Microbiol., Cairo, May 1983. Vol. 1. Part 1- Fermentation Microbiol. Paper No. 23: 345-365.

Ramadan, E.M.; S.A.Z. Mahmoud; M. El-Sawy and A.E. Abd El-Hafez (1983b).

Biological activity of some yeasts grown in molasses and whey as continuous cultures.

Egyptian Society of Applied Microbiology. Proc. V. Conf. Microbiol., Cairo, May 1983. Vol. 1. Part 1- Fermentation Microbiol. Paper No. 22:

Ramadan, E.M.; S.A.Z. Mahmoud; F.M. Thabet and M.N. Ibrahim (1984).

Protein and nucleic acids contents of *Candida tropicalis* T3 and *Saccharomyces cerevisiae* RI.

J. Agric. Res. 8: 24-38.

Reade, A.E. and K.F. Gregory (1975).

High temperature production of protein-enriched feed from cassava by fungi.

Appl. Microbiol. 30: 897-904.

Reed, G. (1972).

Yeast Food.

The Baker's Digest, 46: 16.

(c.f. Murad *et al.*, 1992).

Reinefeld, E.; K.M. Bliesser; M. Palm and J. Mueller (1971).

Reducing substances in technical sugar juice. Detection of some non-saccharides.

Zucker, 24: 420-426.

(c.f. Chem. Abst. 75: 99353a).

Reusser, F.; J.F.T. Spencer and H.R. Sallans (1957).

Protein and Fat content of some mushrooms grown in submerged culture.

National Research Council of Canada. Issued paper No. 4571.

(c.f. Monib *et al.*, 1984).

Richards, K.A. (1954).

Diagnosis and improvement of saline and Alkali soils.

U.S. Regional Salinity Laboratory Riverside, California.

Rosenberg, H.J. (1959).

Protein and amino acid nutrition.

(A.A. Albanese, ed). P. 381.

Academic Press, New York.

Roshkova, Z.; I. Papova, A. Ponorska, S. Angelova and T. Shyusarenko (1981).

Possible utilization of enzyme hydrolyzate from sugar beet pulp for production of feeders on the yeast growing process.

Nauchni Tr., Vissh Inst. Khranit Vkusova Prom. St., Plovdiv 27: 189-198.

(c.f. Chem. Abst. 97, 19792e, 1982).

Saini, V.S.; D.K. Adhikari; P.S. Patel; J. Von and V.R. Sista (1993).

Treatment of citric acid industry effluents with simultaneous of protein-rich biomass.

J. Ind. Pollut. Control, 9(1): 37-43.

(c.f. Chem. Abst. 120, 189828m, 1994).

Saunders, R.M. (1983).

Western Regional Research Center USDA Berkeley CA 94710.

FAO Agric. Services Bulletin, 1983

(c.f. Mansour, 1988).

Schneider, W.C. (1945).

Phosphorus compounds in animal tissue. Extraction and estimation of deoxypentose nucleic acid and of pentose nucleic acid.

J. Biol. Chem. 161: 293.

Schutle-Fronhlinde, D. (1987).

Biological consequences of strand breaks in plasmid and viral DNA.

Br. J. Cancer 55: 129-134.

Scrimshaw, N.S. (1973).

Single cell protein for human consumption. In "Single cell protein" Vol. I. Wang, D.I.C. and Tannenbaum, S.P. eds., MIT Press Cambridge, Massachusetts, London-England.

Scrimshaw, N.S. (1975).

Single cell protein for human consumption. An over view. In Tannenbaum, S.R. and Wang, D.I.C. eds Single cell protein II, 24-45.

(c.f. Hammouda, 1988).

Scutt, J.E. (1967).

Process Biochem., 2(9): 20-31.
(c.f. Hammouda, 1988).

Sekeri-Pataryas, K.H.; K.A. Mitrakos and M.K. Georgi (1973).

Yields of fungal protein from carob sugars.
Econ. Bot., 27: 311-319.

Selim, H. Mohsen, M. Abd El-Safei and A. El-Diwany (1991).

Production of single cell protein from yeast strains grown in
Egyptian vinasse.
Bioresour Technol 36(2): 157-160.
[c.f. Biol. Abst. 92(8): AB-412].

Shacklady, C.A. (1975).

Value of single cell protein for animals.
In single cell protein II. S.R. Tannenbaum, S.R. and Wang,
D.I.C. eds. pp. 489-504. MIT. Press, Cambridge, Mass.
U.S.A.
(c.f. Hammouda, 1988).

Shih, Y.H. and C. Wey-Bang (1981).

Automatic control for fed-batch culture of single cell protein.
Biotech. Bioeng. Vol. XXIII pp. 1491-1499.

Shukla, J.P. and B.D. Kapoor (1956).

Proc. Congr. Int. Soc. Sugar-Cane-Technologists. 9th India 2,
498-505.
(c.f. Hammouda, 1988).

Singer, T.P.; E. Rocca and E.B. Keavney (1966).

In "Flavin and Flavoprotein" by E.C. Slatyer ed. pp. 391-429,
Elsevier, Amsterdam. (c.f. Farag *et al.*, 1982).

Sinskey, A.J. and S.R. Tannenbaum (1975).

Single cell protein II, D.I.C. Wang and S.R. Tannenbaum eds.,
MIT. Press, Cambridge.

Snyder, H.E. (1970).

Microbial sources of protein. In "Advances in food research"
(C.O. Chichester, E.M. Mark and G.F. Stewart eds.)
Academic Press, New York.

Sobkowicz, G. (1976).

Yeast from molasses. In "Food from waste" by G.G. Brich,
K.J. Parker and J.T. Worgan. Applied Science Publishers LTD
London.

Speidel, H.K. and E.O. Bennett (1972).

Conversion of deteriorated metal cutting fluid into protein.
Biotechnol-Bioeng., 14: 361.

Stouthamer, A.H. (1986).

Yield studied in microorganisms.
pp. 12 Coll. Patterns of Progress. Meadowfield publishing Co.,
London, England.

Tannenbaum, S.R., C.L. Cooney; A.M. Demain and L. Hawerbery (1978).

Non-photosynthetic single cell protein. In "Protein Resources
and Technology" (M. Milner, N.S. Scrimshaw and D.I.C.
Wang, eds.). pp. 502-521.

Massachusetts Institute of Technology- Sponsored by the
National Science Foundation. AVI Publishing Company, INC.

Tannenbaum, S.R.; A.J. Sinsky and S.R. Maul (1973).

U.S. Patent No. 3; 720.
(c.f. Ramadan, 1982).

Tawfic, K.A.; E.M. Ramadan and M.G.A. Kuchari (1989).

Selection of some methylotrophic yeasts.

Annals Agric. Sci., Fac. Agric. Ain Shams Univ., Cairo, Egypt.
34(1): 15-27.

Tonnius, F.G. (1981).

Processing of single cell proteins-reduction of nucleic acid content in baker's yeast.

Chem. Ing. Tech. 53: 279.

(c.f. Chem. Abst. 95: 5101e, 1981).

Touw, V.J.H.; J.B. Verberne; J. Reted and H. Loman (1985).

Radiation-induced strand break in ϕ x 174 replicative form DNA: an improved experimental and theoretical approach. Int. J. Radi. Biol., 48: 567-578.

Trimazi, I.H.; M. Chaudhry and S.F.H. Shafiq (1973).

Determination of the optimum condition for the propagation of baker's yeast on molasses.

Pak. J. Sci. Ind. Res. 16: 120-122.

(c.f. Chem. Abst. 80, 13162s, 1974).

Tsvetkova, B.; Ch. Katranushkova and L. Losseva (1993).

Influence of furfural on the activity of glutamate dehydrogenase in yeasts.

Comptes rendus de L'Academic bulgare des Sciences. Tome 46, N°7, 67-70.

Von Uden, N. and Carmo Sausa (1957).

Yeasts from the bovine caecum.

J. Gen. Microbiol. 16: 385-395.

Wagner, P. and Parnas (1931).

The chemical analysis of food and food products.

Biochem. 2: 155-253.

Walter, F.G. (1953).

The manufacture of compressed yeast.
2nd ed. Champan and Hall, London.
(c.f. Burrows, 1970).

Ward, J.F. (1985).

Biochemistry of DNA lesion.
Radiat. Res., Suppl. 8: 103-111.

White, J. (1954).

Yeast technology.
Champan and Hall, London.
(c.f. Hammouda, 1988).

Widner, K. and O.B. Eggum (1966).

Protein hydrolysis. A discription of the method used at the
department of animal Physiology. In Copenhagen.
Acta Agriculture a Scandinavica, 16: 115.

Worgan, J.T. (1974).

Single cell protein.
Plant Foods Man 1(2): 99-112.

Yang, H.H.; D.W. Thuget and S.P. Yang (1979).

Reduction of endogenous nucleic acid in a single cell protein.
Appl. Environ. Microbiol. 38: 143-147.

Youssef, K.A.; M.E.S. Abdulla and K.A.A. Mashal (1988).

Factors affecting accumulation of proteins and lipids within
mycelia of some osmophilic fungi.
Annals Agric. Sci., Fac. Agric., Ain Shams Univ., Cairo,
Egypt. 33(1): 127-141.

Zahran, M. (1989).

The effect of enzyme or radiation-induced double strand breaks on the survival of plasmid and viral DNA.

Ph.D. Thesis. Fac. of Biol. Ruhr. Univ. Bochum West Germany.