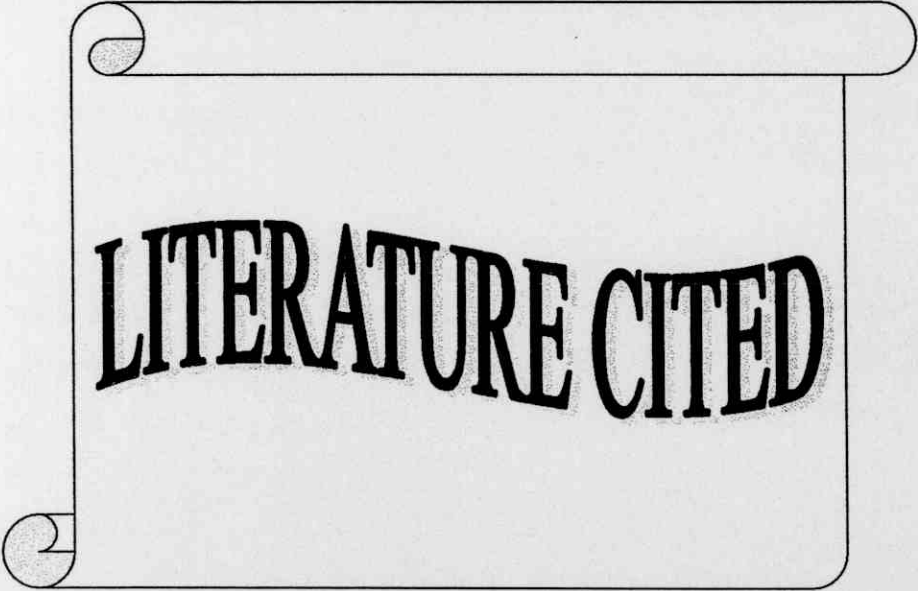
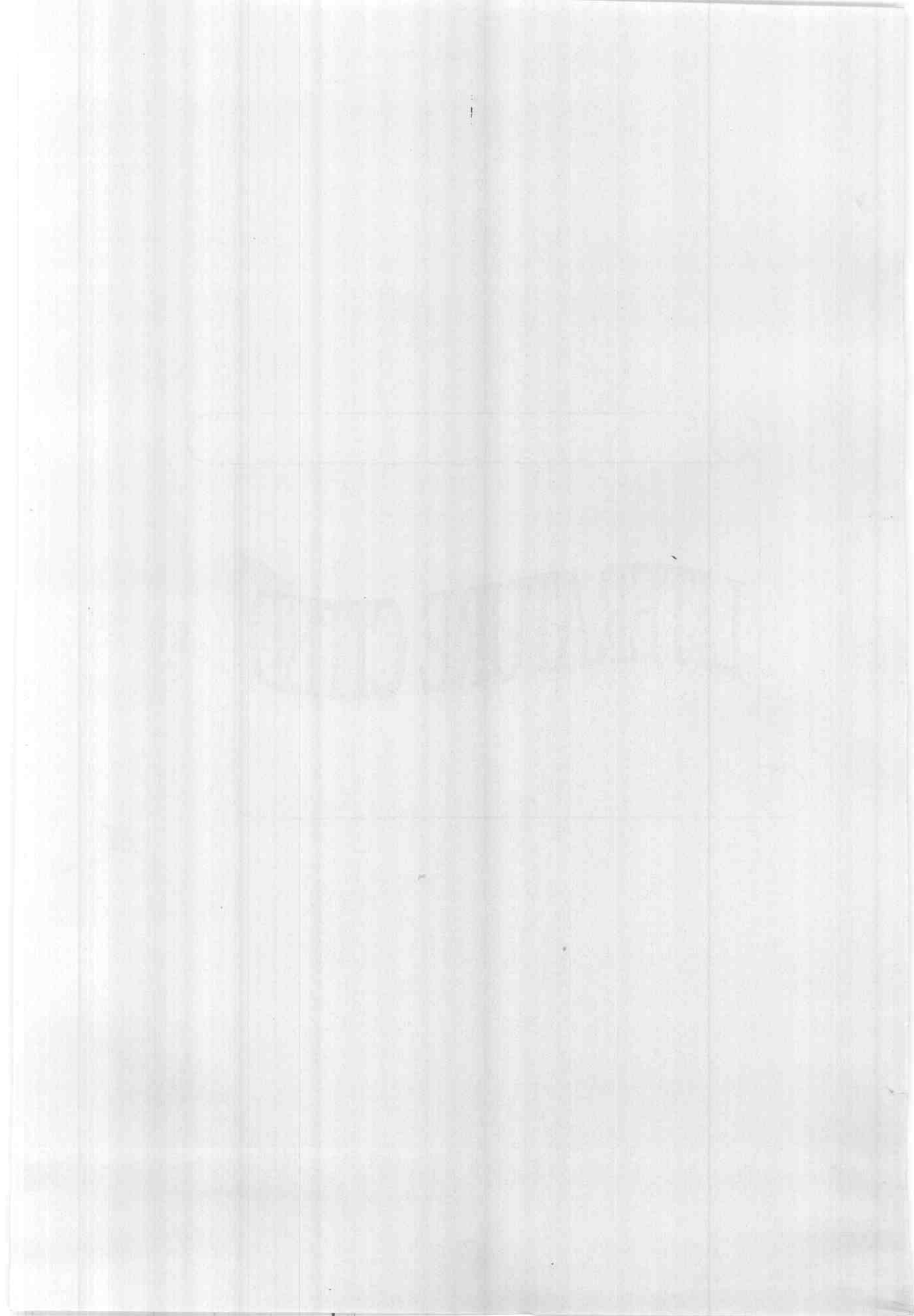




LITERATURE CITED



VI - LITERATURE CITED

- Akkan, K.; S.; Cetiner, Y.; Aka-Kacar, and Yalcin-Mendi (1997) :** *In vitro* multiplication of clonal apple rootstocks M-9, M-26 and MM-106 by meristem culture. Acta Horticulturae. No. 441 325-327. University of Cukurova, Faculty of Agriculture, Department of Horticulture, Adana, Turkey.
- Ali, H.M.M.(2000) :** Trials to improve propagation of some citrus rootstocks by using embryoculture techniques. M.Sc. Hort. Depart., Fac. Of Agriculture, Moshtohor, Zagazig University.
- Al-Maarri, K.; Y. Amaud and E. Miginiac, (1986):** *In vitro* micropropagation of quince (*Cydonia oblonga* Mill.) Scientio-Horticulturae, 28(4): 315-321.
- A.O.A.C (1985) :** Official Methods of Analysis 14th ed. Association of official Agric. Chemists. Washington. DC, USA.
- Atkinson, C.J.; A.D.; Webster, M.; Policarpo, and A.Kuden, (1997):** Drought sensitivity of apple rootstocks. J. Acta Horticulturae. No. 451, pp. 171-178.
- Barlass, M. and K.G.M., Skene (1978):** *In vitro* propagation of grapevine (*Vitis vinifera* L) from fragmented shoot apices. Vitis 17:335-340. cited from Handbook of plant cell culture, Krul, W.R.; Mowbray, G.H. (1984). Vol. (2): 396-427.
- Baruah, A.; V. Nagaraju and V.A. Parthasarathy, (1996):** Micropropagation of three endangered citrus species. 1. shoot proliferation *in vitro*. Annals of Plant Physiology, 10(2), 124-128.

- Bayomy, M.K. (1998):** Studied on micropropagation of pomes. M.Sc. Thesis Hort. Dept. Fac.of Agric. Moshtohor, Zagazig Univ.
- Biasi, L. A. ; M. C.; Falco, A. P. M.; Rodringuez, B. M. J. Mendes, (2000):** Organogenesis from internodal segments of yellow passion fruit. Vo.57,No.4,pp.661-665.
- Bondok, A.Z.; S.Z. El-Agamy and A. Gomaa, (1987) :** Micropropagation of some apple scions and rootstocks. Egypt. J. Hort.,14(2):101-111.
- Caboni- E; MG; Tonelli- P; Lauri- D'-Angeli- and S;Damiano-C(1999):** *In vitro* shoot regeneration from leaves of wild pear.Plant – cell, Tissue – and- organ- Culture..
- Camargo,J.T.; G.R. Fortes, DE L.; J.B.DA; Silva, A.Q.; Centellas, and M.DE.F.Oliveira, (1998):** Evaluation of BAP concentrations for callogenesis/ organogenesis in apical and basal internodes of the apple rootstock cv. Marubakaido (*Malus prunifolia*). UFPel / FAEM, Pelotas, RS.CEP 96001-970.Brazil.
- Chandel, J.S.; and J.S Chauhan,.(1991):** Accumulation of praline, ABA and carbohydrate contents in starking Delicious apple on clonal rootstocks and their correlation with drought resistance.J.Progressive Horticulture. Vo.23,No.1-4, pp.5-11.
- Dantas-Ac-de-M,Nesi-An; LB ;Machado; J; Haerter- GR-de-L;de-L- Fortes- -GR Frotos (2002):** Establishment and multiplication of *Pyrus Spp.*cultivars *in vitro*.Depatrmento de Fitotecnia, FAEM/UFPEL, Brazil.
- Dumanoglu, H.; Y. Gulsen and Sugar ,(1994):** *In vitro* rooting of quince (*Cydonia oblonga* Mill.) Acta Horticulturae 367:36)-363.

- Duncan, H.B. (1955)** : Multiple range and multiple F.test-
Biometrices, II: 1-42.
- El-Tarras, A.; Y.A. Hossni and A.A. ElBanna (2000)** :Application of
RAPD analysis for identification and genetic analysis of
somaclonal variation in *Ananas comosus* Variegatum.
Egyption Journal of Horticulture . 26:197-108.
- Emam, M.E. (1997)** :Physiological studies on some small fruit plants
by using tissue culture trchniques. M.Sc. Thesis, Hort., Fac.
Agric. Moshtohor, Zagazig Univ., Egypt.
- Farid,S.A.(1997)**: Studies on the vegetative propagation of some nut
trees. M.Sc.Thesis, Hort., Fac. Agric. Moshtohor, Zagazig
Univ.,Egypt.
- Fernandez- RT; RL Perry-;and JA Flore- (1997)**:Drought response
of young apple trees on three rootstocks: growth and
development. Department of Horticulture, Michigan state
Univeresity , East Lansing,MI48824-1325, USA.
- Fitchet, M. (1990)**: Clonal propagation of Queen and smooth caynne
pineapples. Acta Horticulturae. No.275:261-266.
- Fitchet, M.; D.P. Bartholoment and K.G. Rehrach (1993)**:
Maximum utilization of pineapple crowns for
micropropagation 1st Int. Pineapple Symposium, Honolulu,
Hawaii, USA, 2-6 Nov. 1992.Acta. Horticulturae, No.334:325-
330.
- Forsee,W.T.(1938)** : Determination of sugars in plant material
photometric methods. Indus. Eng. Chem. Anal. Ed. 10:411-
416.

- Gabr, M.F. and B. Tisserat (1985):** Propagation palms *in vitro* with special emphasis on the date palm (*Phoenix dactylifera*) L. Scientia Hort. 25(3): 255-262.
- Gamage-N; T- Nakanishi; plas-LHW-Van(ed).; and GJ-de -Klerk- (2000):** High shoot proliferation using carry over effect of TDZ. Graduate School of Science and Technology, Kobe University, Kobe, Japan.
- Golosin, B. and Radojevic, (1985):** Effect of phloroglucinol on *in vitro* propagation of M27 jugostovensko vocarstno, 19(73/74), (3/4): 371-378 (Plant Growth Reg. Abs., 12, 979).
- Guan-Huiyuan; GJ-de Klerk; Guan-Hy; GJ and de-Klerk- (2000):** Stem segments of apple microcutting take up auxin predominantly via the cut surface and not via the epidermal surface. Scientia- Horticulturae 86:1, 23-32.
- Gulsen, Y. and H. Dumanoglu, (1991):** The effect of sucrose, agar and pH on shoot multiplication and quality in quince a micropropagation. Acta. Horticulturae, 289: 116-126.
- Hagagy, N.A.A. (1992):** Comparative studies on the effect of cytokinins and cytokinin like substance on growth index of banana (William's cv) via tissue culture techniques. Annals of Agric. Sci. Moshtohor. 30(3): 1369-1378.
- Hammerschlag, F.A. (1982):** Factors influencing *in vitro* multiplication and rooting of the plum rootstock Myrobalan (*Prunus cerasifera* Ehrh) J. Amer. Soc. Hort. Sci., 107(1) 44-47.
- Harada, H. and Y. Murai (1996):** Clonal propagation of *Poncirus trifoliata* through culture of shoot primordia. Journal of Horticultural Science, 71(6): 887-892.

- Hirimburegama , K.; L.P.J. Wijeshinghe; M.(ed). Hayashi; A.(ed.)**
Kano and E.Goto (1992): *In vitro* growth of *Ananas comosus* L. Merr (pineapple shoot apices) on different media . International Symposium on Transplant Production Systems. Biological, Engineering and Socioeconmie Aspects, Yokohama, Japan, 21-26 July 1992. Acta Horticulturae, No. 319:203-208.
- Imed Dami and G.Harrison ; Hughes (1996):** Effect of PEG-induced water stress on *in vitro* hardening of 'Valiant' grap.Department of Horticulture, Colorado State University Fort Collins, CO 80523, USA(*requests for offprints).
- Jones, O.P.; R.H. Zimmerman; I.M. Fordham, and M.E.Hopgood, (1985):** Propagation *in vitro* of some dwarf apple trees. J.Hort.Sci.,60-141.
- Joung, H. and K.C. Kom (1983):** Studies on the shoot-typ culture of M-7, M-16 and MM-106 apple rootstocks. J. of Korean Soc. Hort. Sci., 24(2):135-143. (Hort. Abst., 54:7852).
- Jun-Jihae; Chung- Kyeongho; Jeong- Sangboug; Hong-Kyunghy; Kang-Sangjo;Jun-JH; Chung-KH;Jeong=SB;Hong-KH; Kang-SJ(2001):** Rapid multiplication of M.9 apple rootstocks *in vitro* . Korean – Journal –of- Horticultural- Science- and – Technolgy. 19:1,34-38.
- Kantharajah, A.S. and Dodd, W.A.(1990):***In vitro* micropropagation of *Passiflora edulis* (purple passion fruit). Annals of Botany, Vo.65,No.3,pp.337-339.
- Kawata, K.; C .Ushida; F.Kawai; M.Kanamori; and A. Kuriyama; (1995):** Micropr opagation of passion fruit from subcultured

multiple shoot primordial. Journal of Plant Physiology,,Vo.147,No.2,pp.281-284.

Kaynas,N.; Kaynas, K.; and M. Burak, (1996): Drought resestance of Granny smith and Amasya apple cultivars grafted on different rootstocks. Acta Horticulturae No.441,225-229.Atatuka Central Horticultural Research Institute , Yalova, Turkey.

Klerk-GJ-de; de-Klerk-GJ; Cassells-AC (ed.); Doyle-BM(ed.); Curry-RF (2000): Rooting treatment and the ex vitrum performance of micropropagated plants. Acta – Horticulturae. 530:277-288.

Lam T.W. ; R. Ernst, J. Arditti, and S. Ichihashi, (1991): The effect of complex , additives and 6-(gemma, gemma-dimethylallylamino)-purine on the proliferation of phalaenopsis protocorms. Dept. of Development & Sell Biology, Univ. of Calif., Irvin., CA92717,USA.Lindleyana 6:24-26.

Lan Yanping;Zhou Jun;Cao Hui;Xu XueFeng;Han Zhenhai (2001):Effect of Jasmonic acid on the leaf stomatal movement and drought resistance of young apple trees. Journal of fruit Scince. Vo.18, No.3, pp.133-135.

Larsen, P.;A.Harbo;S. Klungsan and T.C.Asheim (1962): On the biogenesis of some indole compounds in Acetobacter xylinum Phy. Pl., 15:552-565.

Le, C. L. (1985): *In vitro* clonal propagation of apple (*Malus domestica* Brokh.,cultivar Gravenstein).Revue Suisse de Viticultur d' arboriculture et d' Horticulture, Vo.17,No.5,pp.311-315,

- Morell, A.S.(1941):**Rapid determination of reducing sugars. Indus. Eng. Chem. Anal. Ed.13:321-241.
- Morini, S.; and R.Sciutti, (1991) :***In vitro* propagation of quince clonal rootstocks. Agricultura Mediterranea, 121(1):56-57.
- Murashige , T and Skoog(1962):** A revised medium for rapid growth and bioassays with tobacco. Tissue culture. Physiol. Plan, 15:473-497.
- Nunes, J.C. De O.; A.Barpp; F.C. Silva; and E.L. Pedrotti, (1999):** Micropropagation of rootstock 'Marubakaido' (*Malus prunifolia*) through meristem cultre.Revista Brasileira de Frucicultura. 21(2)191-195. Departamento de Fitotecnica.
- Omura, M. and T. Hidaka (1992):** Shoot tip culture of citrus. 1- Culture conditions. Bulletin of the Fruit Tree Research Station. No.22,23-26.
- Otahola, V. (2000):** Plant regeneration of passion fruit (*Passiflora edulis* f. Flavicarpa. through leaf disc *in vitro* culture J. Bioagro, Vo. 12, No.3, 71-74,
- Otoni, W.C. V. W. D.Casali; P. R.Cecon; M.R.Davey; and J. B. Power (1995):** Plant regeneration from leaf mesophyll-derived passion fruit (*Passiflora coccinea* Aubl.) protoplast.J. Revista Ceres, Vo.42, No.243, pp.461-467.
- Otoni, W.C. and S.L. Teixeira (1991):** *In vitro* clonal propagation of *Citrus sinensis* L. Obs. Cv. Pera using young nodal segments. 1- Influence of cytokinins. Revista Ceres, 38(215):17-24.[Hort. Abst. 62(4):3438].
- Pereira, J. E. S.; A. DE M. Dantas; A.DE. Rossi; G.R.DE L. Fortes; L.C.Vahl, (1998):** Effect of different concentrations of alumination on '*in vitro*' multiplication and rooting of the

apple cultivar 'Marubakaido' (*Malus prunifolia* Willd.Borkh.).UFPEL, Postal 403,CEP96001-970, Pelotas(RS), Brazil.

Pierik, R.L.M.(1987) :*In vitro* culture of Higher planrs. Dept. of Hort. Agroc., Univ. Wageningen. The Netherlands, Martinus, Nijhoff Pub. Dordrecht, Boston, Lancaster, pp. 66-79.

Pottino, B.G.(1981): Methods in plant tissue culture. Dept.of Hort. Agric. College ,Maryland Univ. College Park, Maryland USA pp.8-29.

Rahaman, A.A.S.; V. Nagaraju and V.A. Parthasthy (1996) : Response of embryoids of certain *Citrus* species to two cytokinins. *Annals of Plannt Physiology*, 10(1);45-49.

Ranjit,M.; N.S. Upadhyay (1987): *In vitro* propagation of apple rootstock (*Malus prunifolia* L.).*Journal of the Institute of Agriculture and Animal Science*, Nepal.Ref.8,pp.53-59.

Resch, B. L. (1986): Influence of genotype and cytokinins on *in vitro* shoot proliferation of grapes. *J.Amer. Soc. Hort. Sci.*,11:138-141.

Ribas,A.F.; F. Denis; M. Quoirin; R.A.Ayub, (2002): Vitamin mixtures on yellow passion fruit regeneration.*J.Ciencia Rural*,Vo.32,No.2,pp.237-241.

Samarin, A.(1989): A comparative study of effects of nutrient media of cultural conditions on shoot multiplication of *in vitro* cultures of *Camellia japonica* explants *J.Hort.Sci.*64:73-79.

Santa-Catarina-C;Maciel-S-da-C;Denardi-F;pedrotti-EL; Da-c-Maciel-S(2001): Micropropagation of 'Selecao 69' apple rootstock tollar rot (*Phytophthora cactorum*). *Mestranda em*

- Standardi, A. and F. Romani, (1990):** Effect of some anti-oxidants on *in vitro* rooting of apple shoots. Hortscience, 25(11):1435-1436.
- Tewary, P.K.; Ardhana Sharma; M.K. Reghunath; A. Sarkar (2000):** *In vitro* response of promising mulberry (*Morus sp.*) genotypes for tolerance to salt and osmotic stresses. Plant Growth Regulation, Vo.30, No.1, pp.17-21.
- Turk, A.B.; J. Smole and A. Siftar, (1992):** Micropropagation of plumectotype (*Prunus domestica* L.) as rootstock for apricot. Acta Hort., 300:111-114.
- Vinterhalter, B. and M. Neskovic, (1992):** Factors affecting *in vitro* propagation of quince (*Cydonia oblonga* Mill). J. Hortscience, 67(1):39-43.
- Wang, Q.C.; H.R. Tang; Q. Quan and G.R. Zhou, (1994):** Phenol induced browning and establishment of shoot-type explants of "Fuji" apple and "Jinhua" pear cultured *in vitro*. Hortscience, 69(5): 833-839.
- Welander, M. (1991):** Micropropagation of the apple rootstock M-26, Lanta ruksuniver Sitet. Hortscience, 58:22.
- Wiesman, Z.; J. Riov and E. Epstein, (1988):** Comparison of movement and metabolism of indole-3-acetic acid and indole-3-butyric acid in mung bean cuttings. Physiol. Plant, 74:556-560.
- Williams, H.; P. Chichlilo and H. Renolds (1965):** Official methods of analysis of the association of official agriculture chemists 10th ed. (Ass. Of Agric. Chem.)
- Yae, B.W.; Yim, Y.J. and Jo, H.M. (1986):** Factors affecting shoot proliferation and root initiation of the apple cv. Fuji (*Malus*

domestica Brokh.) in vitro .J. of the Korean Society for Horticultural Science. Vo.27, No.4, pp.353-358.

Zaied, N.S.(1997): Studies on the vegetative propagation of stone fruit trees. Ph. D. Hort., Fac. Agric. Moshtohor. Zagazig University.

Zhang-Lei; Wang -Zhenxing; Gan- Changqiang; Wang-ZhenRu; Zhang-L; Wang-ZX; Gan-CQ; ZR .Wang (1998): Study on the indoor graft techniques for *in vitro* pear explants. Department of Horticulture, Lianjin Agricultural College, Tiajin, China.