

IV. LITERATURE CITED

1. Abdalla, I. M.; Abed, T. A. and Shafshak, N. S. (1983):
The response of winter sweet pepper to some seed-cold treatments. *Annals of Agric.Sc., Moshtohor*, Vol. 20, 1983.
2. Abed, T. A. and Eid, S. M. M. (1987): Effect of plant density and fertilization on yield and quality of tomato fruits. *Annals of Agric. Sc., Moshtohor*, Vol. 25 (4), 1987.
3. Adams, S. P. (1978): Effect of nutrition on tomato quality. *Grower*, 89 (20): 1142-1145.
(c.f. Hort. Abstr. 48: 9914, 1978).
4. Aliev, D. A. (1971): The effect of fertilizers on the yield of eggplant. *Trudy, Azerbardszhanskil Nauchnoissledovatel Skil Institute Zemledeliya*. 15, 64-69.
(c.f. Hort. Abstr. 43: 6898, 1973).
5. Allam, A. I. and Hollis, J. P. (1972): Sulfide inhibition of oxidases in rice roots. *Phytopathology* 62: 634-639.
6. Association of Official Agricultural Chemists, "A.O.A.C" (1970): *Methods of analysis*, 11th edition, Washington. D.C.
7. Bedard, R. and Therrien, H. P. (1970): Influence of potassium nutrition on cold resistance of the strawberry and changes in the mineral composition during hardening. *Natur. Can.* 97: 307-313.

8. Belousova, K. K. (1972): The effect of growing conditions on growth, development and branching in Solanum melongena. Referativnyi Zhurnal, 3 (55). 536.
(c.f. Hort. Abstr. 44: 491, 1974).
9. -----, (1973): The characteristics of growing development and branching in Capsicum annuum after hardening of seeds and seedlings. Referativnyi Zhurnal, 3 (55), 550.
(c.f. Hort. Abstr. 45: 393, 1975).
10. Brown, J. D. and Lilleland, O. (1946): Rapid determination of potassium and sodium in plant material and soil extracts by flame photometry. Proc. Amer. Soc. Hort. Sci., 48: 341-346.
11. Chen, H. F. and Li, P. H. (1974): Plant cold-hardness and freezing stress. Mechanisms and crop implication, Vol. 2. London, U. K. Academic Press (1982) 5-22.
12. Coolbear, P.; Newell, A. J. and Bryant, J. A. (1987): An evaluation of the potential of low temperature pre-sowing treatments of tomato seeds as a means of improving germination performance. Annals of Applied biology, 110 (1): 185-194, 1987.
13. Deli, J. and Tiessen, H. (1966): Interaction of temperature and light intensity on flowering of calwonder peppers. Proc. 17th Int. Hort. Congr. Md., 1, Abstr. 189.
14. Dimitrov, G. A. and Rankov, V. (1979): Periodic phosphorus and potassium application to early tomatoes. Gradinarska i Lozarska Nauka 16: 97-103.
(c.f. Hort. Abstr. 50: 7822, 1980).

15. Eid, S. M.; Farag, S. S. and Abed, T. A. (1988): Effect of nitrogen and phosphorus fertilizers as well as seed vernalization on growth, chemical composition, yield and quality of broad bean. *Annals of Agric. Sc., Moshtohor*, Vol. 26 (2), 1988.
16. El-Beheidi, M.; El-Mansi, A.; El-Sawah, M.; Metwali, A.; El-Feryni, M. and Hewidi, A. (1988): Effect of phosphorus, potassium and boron on cold resistance, growth, chemical composition of some tomato varieties. *2nd Hort. Sci. Conf. Fac. of Agric., Kafr El-Sheikh, Tanta Univ.*, September, 1988.
17. El-Sawah, M. H. (1981): Special effects of some fertilization methods on tomato production. Ph. D. Thesis, Hungarian Academy of Sciences Budapest Hungary, 148 PP.
18. El-Sawy, I. B. (1988): Effect of addition number and nitrogen, phosphorus and potassium fertilizers on tomato yield. *2nd Hort. Sci. Conf. Fac. of Agric. Kafr El-Sheikh, Tanta Univ.*, September, 1988.
19. Farag, S. S. A. (1984): Effect of some nutrients and growth regulators on growth, flowering, productivity, seed quality and some physiological aspects of squash and pepper. Ph. D. Thesis Fac. of Agric., Moshtohor, Zagazig Univ. 204 PP.
20. Filiosson, L. (1969): Growth regulators in Populus hemula L. Distribution of auxin and growth inhibitors. *Physiol. Plant*, 22: 1289-1301.
21. Gordon, S. A. and Weber, R. R. (1950): Colorimetric estimation of indole acetic acid. *Plant Physiol.*, 26: 192-195.

22. Gupita, A. and Shukla, V. (1977): Response of tomato (Lycopersicon esculentum, Mill.) to plant spacing, nitrogen, phosphorus and potassium fertilization. India, J. of Hort. 34: 270-276.
23. Hennart, J. W. (1985): Pregermination treatments of vegetable seeds. Informatore Agriario 41 (9): 109-118.
24. Higazy, M. A.; Kheir, N. F.; El-Habbasha, K. M. and Bakry, M. O. (1974): Nitrogen metabolism, pigment and sugar content of pea plant as affected by light intensity and treating seeds with low temperatures. Abstr. of the second Egyptian Congress of Botany. Assiut Univ., 26-28 March.
25. -----; El-Habbasha, K. M.; Kheir, N. F. and Bakry, M. O. (1976): Vernalization of pea (Pisum sativum, L.) seeds and its influence on the growth, flowering, chemical composition and yield of the plant. Egypt. J. Hort., 3 (2): 163-177, 1976.
26. Jaramillo, V. J.; Munoz, A. R. and Cardona, P. E. (1978): The response of tomato to fertilization with N,P,K and various minor elements in alluvial soils of vall del. Cauca (Colombia) Revista Instituto Colombiano Agropecuario 13 (3): 455-463. (c.f. Hort. Abstr., 50: 2615, 1980).
27. John, M. K. (1970): Colorimetric determination of phosphorus in soil and plant materials with ascorbic acid. Soil Sci. 109: 214-220.

28. Kaneshiro, M. A. B.; Faleiros, R. R. S.; Satori, J. L.; Melow, W. J.; Pizauro, J. M. and Banzatto, D. A. (1984): Effect of nitrogen and phosphorus levels on some chemical characteristics of tomato fruit harvested at different maturity stages. (c.f. Hort. Abstr., 55: 1208, 1985).
29. Ledov'skii, S. Y. and Bondarenko, G. L. (1974): Increasing the cold resistance of tomato transplants with CCC. OVOCHIVNITSTVO BASHTANUISTVO RESP. MIZHVID Temat. Nauk. Sbornik 18, 34. (c.f. Hort. Abstr. 46: 1300, 1976).
30. Levitt, J. (1980): Responses of plants to environmental stress. Academic Press, New York. Vol. 1 Chilling. "Freezing and high temperature stress". Academic Press, New York, London, 2nd Ed.
31. Madzarova, D. (1962): The influence of hardening seeds and seedlings on cold hardness, earliness and cropping of tomato. Agrobiologija, 1962 (5) 5: 705-708. (c.f. Hort. Abstr. 42: 3194, 1972).
32. Maxwell, D. P. and Bateman, D. F. (1967): Changes in the activities of some oxidase in extracts of Rhizoctonia infected bean hypocotyl in relation to lesion maturation. Phytopathology, 57: 132-136.
33. Michel, K. G.; Hamilton, J. K.; Robers, P. A. and Smith, F. (1956): Colorimetric method for determination of sugars and related substances. Analytic Chemistry. 28; No. 3.

34. Moore, T.C. and Bonde, E. K. (1962): Physiology of flowering in peas. *Plant physiol.*, 39: 149.
35. Murphy, J. and Riely, J. P. (1962): A modified single solution method for the determination of phosphate in natural water. *Anal. Chem. Acta.* 27: 31-36.
36. Pollock, C. J. (1986): Fructans and the metabolism of sucrose in vascular plants. *New Phytologist* 104, 1-24.
37. ----- and Lloyd, E. J. (1987): The effect of low temperature upon starch, Sucrose and fructan synthesis in leaves. *Annals of Botany*, 60: 231, 1987.
38. Pregl, E. (1945): "Quantitative organic micro-analysis" 4th Ed. J. Chundrill, London 94-111.
39. Radwan, A. A.; Billah, M. E.; Hassan, A. A. M. and Omerah, M. R. (1980): Vegetative growth and yield of strawberry as affected by cold storage of runners and transplanting date. *Egypt. J. Hort.*, 7 (2):93-107.
40. Scott, S. J. and Jones, R. A. (1986): Cold tolerance in tomato. II. Early seedling growth of *Lycopersicon* spp. *Physiologia Plantarum*, 66 (4): 659-663, 1986.
41. Shafshak, N. S. (1987): Response of pea to vernalization of seed. *Annals of Agric. Sc., Moshtohor*, Vol. 25 (3): 1627-1641.
42. Snedecor, G. W. and Cochran, W. G. (1968): "Statistical Methods". Iowa Stat. Univ. Press, Ames. U.S.A. 6th Ed., 593 PP.

43. Stamber, J. (1974): The effect of low temperature treatment of germinating capsicum plants on further growth and development. Sbornik UVTI, Zahradnictvi, 1 (4): 241.
(c.f. Hort. Abstr., 46: 1235, 1976).
44. Tropina, L. P. and Nezhdanova, Z. A. (1975): The reaction of sweet pepper to low temperature. Referativnyi Zhurnal, 7 (55) 603.
(c.f. Hort. Abstr. 46: 461, 1976).
45. Wallace, T. (1926): An experiment on the winter killing of vegetable crops in market gardens. J. Pomol. Hort. Sci. 5: 205-209 (Biol. Abstr. 2: 2679).
46. Wang, C. Y. (1985): Modification of chilling susceptibility in seedlings of cucumber and zucchini squash by the bioregulator paclobutrazol. Scientia Hort. 26 (4) : 293-298, 1985.
47. Yasinska, D. G. (1972): The effect of seed chilling and treatment with fertilizers on tomato yield. Referativnyi Zhurnal, 9, 55: 360.
(c.f. Hort. Abstr. 44: 4014, 1974).
48. Zaki, M. E.; Helal, R. M. and Gabal, M. R. (1982): Effect of vernalization of broad bean seeds on plant vegetative growth, flowering and yielding ability. Annals of Agric. Sc., Moshtohor, Vol. 17: 217-255.
49. Zurawicz, E. and Stushnoff, C. (1977): Influence of nutrition on cold tolerance of "Redcoat strawberries". J. Amer. Soc. Hort. Sci. 102: 342-345.