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Lotfi & .(Mc Gregor, 1976)

(1999) Kashi

.(Pitrat et al., 2000)

.(Perin et al.,1999; Staub, 1999)

(Rechinger, 1977)

X = *Cucumis melon* (L)

(Zvi, 2000)

(Boujghagh et al., 1999;
(2003) Kohpayegani et al. .Garcia et al., 1998)

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(2003) Taha et al. .

pH /

PH
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.(Vijay, 1987)

(Whitaker &

(2006) Saberi et al. .Davis, 1962)

/

ε
(2001) Aliahmadi

Rakhi .

(2005) & Rajamony

Ward
SPSS MSTAT-C

Rastogi & Deep
Rakhi &

(1990)
(2005) Rajamony

(kg/ha)	(gr)	(gr)	(cm)	(cm)	(cm)	(cm)	(cm)
							/
							/ *
						/ **	/ **
					/ **	/ **	/ *
				/ *	/	/	/
			/	/	/	/	/
		/ *	/	/ **	/ **	/ **	/ **
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/ **	/ **	/ *	/	/ **	/ **	/ **	/ **
					%	%	* **

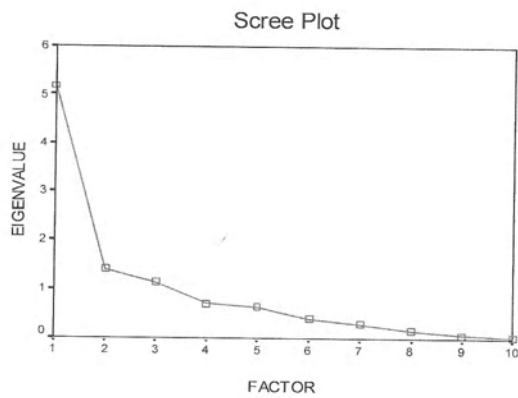
F

	X2	X1
/ **	/	/ (X1)
/ **	/ *	/ (X2)
	%	% * **

(2003) Kohpayegani et al. .

(Naroui Rad, 1997)

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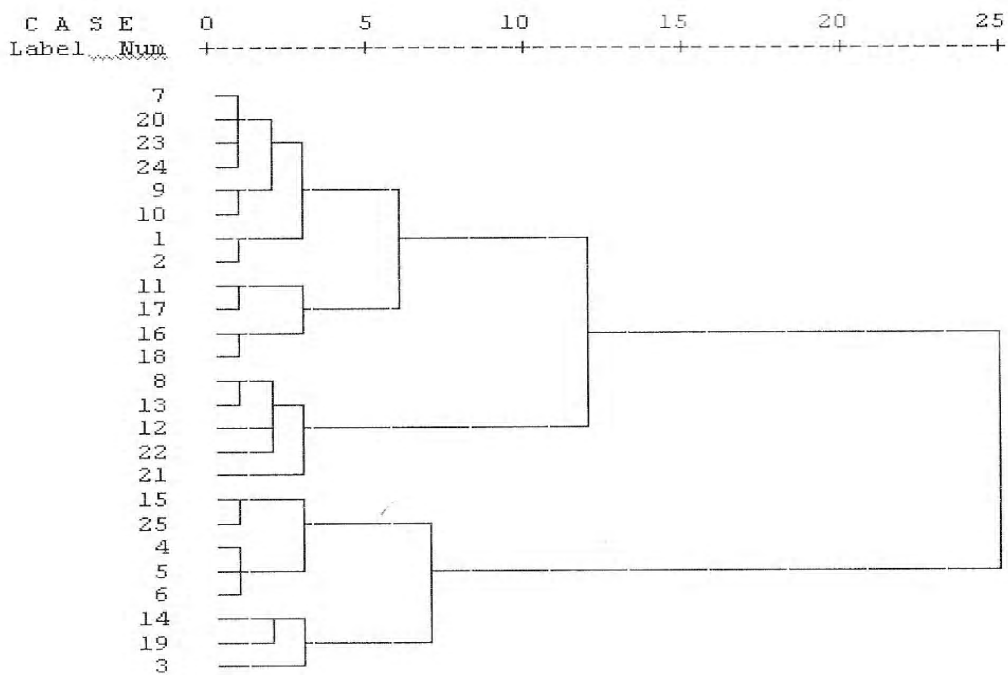
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	MS	DF	MS	DF
	/ ns		/	
(cm)	/ **		/	
(cm)	/ **		/	
(cm)	/ **		/	
(cm)	/ **		/	
	/ ns		/	
(cm)	/ **		/	
(gr)	/ **		/	
(gr)	/ **		/	
(kg/ha)	/ **		/	

% **

	/	/	/	/
(cm)	/	/	/	/
(cm)	/	/	/	/
(cm)	/	/	/	/
(cm)	/	/	/	/
(cm)	/	/	/	/
(gr)	/	/	/	/
(gr)	/	/	/	/
(gr/ha)	/	/	/	/



REFERENCES

1. Aliahmad, H. (2001). *Survey of watermelon varieties of Sistan region*. Research report. Agricultural and natural resources research centre of Sistan. (In Farsi).
2. Boujghagh, M., Hammouch, L. & Qariuh, N. (1999). Genetic and environmental variability in Moroccan muskmelon ecotypes. *Al Awamia*, 97, 79-88.
3. Garcia, E., Jamelina, M., Alvarez, J. I., Arnedo, T., Oliver, J. L. & Lozano, R. (1998). Genetic relations among melon breeding lines revealed by RAPD markers and agronomic traits. *Theoretical and Applied Genetics*, 96, 878-885.
4. Kohpayegani, J. A., Kashi, A., Mozaferi, J. & Aghai, M. J. (2003). Survey of Genetic varieties on the bases fruit qualities in some of Iranian melon varieties. *Iranian journal of Horticultural Science and Technology*, 2, (82, 83). (In Farsi).
5. Lotfi, M. & Kashi, A. (1999). The new Iranian melon as a cultivar – group. In S. Andrew et al (Ed). *Taxonomy of cultivated plants: Thirds International Symposium*. (pp. 447-449). *Royal Botanical Gardens, Kew*.
6. McGregor, S. E. (1976). Insect pollination of cultivated plants. *Department of Agriculture Resarch, Agriculture, Handdbook*, 496.
7. Naroui Rad, M. R. (1997). *Evaluation of national plant gene bank of melon genotypes in sistan*. Final report. Agriculture and Natural Resources Research Center of Sistan. pp.5-8. (In Farsi).
8. Perin, C., Dogimont, C. & Pitrat, M. (1999). Genetic control and linkages of some fruit characters in melons. *Cucurbit Genetic Coop*, Rept, 22, 16-18.
9. Pitrat, M., Hanelt, P. & Hammer, K. (2000). Some comments on intraspecific classification of cultivars of melon. *Acta Horticulturae*, 510, 29-35.
10. Rakhi, R. & Rajamony, L. (2005). Variability, heritability and genetic advance in landraces of culinary melon (*Cucumis melo* L.). *Journal of Tropical Agriculture*, 43(1-2), 79-82.
11. Rastogi, K. B. & Deep, A. (1990). Variability studies in cucumber. *Vegetable Science*, 17, 224-226.
12. Rechinger, K. H. (1977). *Flora des iranischen Hochlandes und der Umrahmenden Gebierge Cucurbitace*. Autor J. S. Andersen, Copenhagen. 123.
13. Saberi, M., Zolfeghari, H., Azari, A. & Atarodi, B. (2006). Investigation of effecting of salt on yield and detailed yield in watermelon varieties. *Journal of Seed and Plant*, 22(1). (In Farsi).
14. Staub, J. E. (1999). Inheritance and linkage relationship of melon (*Cucumis melo* L.) isozymes. *Journal of American Society for Horticultural Science*, 123, 264-272.
15. Taha, M., Omara, K. & Jack, E. J. (2003). Correlation among yield and quality characters in *Cucumis melo* L. *Cucurbit Genetic Cooperative Report*, 26, 9-11.
16. Vijay, O. P. (1987). Genetic Variability and path analysis in muskmelon (*Cucumis melo* L.) *Cucurbit Genetic Coopertative Report*, 26, 9-11.
17. Whitaker, T. W. & Davis, G. N. (1962). *Cucurbits*. *Interscience publisher Inc.*, New York.
18. Zvi Karchi, K. (2000). Development of melon culture and breeding in Israel. *Acta Horticulturae*, 10, 13-16.