LIST OF TABLES

Chapter	Table	Tile	Page
1.	1	Grouping of the estimated salt affected area's in India on tentative basis.	4
	2	Area, production and productivity of safflower in diff. countries.	9
	3	Area, production and productivity of safflower in different state of India.	10
	4	Area, production and productivity of safflower in Maharashtra state.	11
3.	2.1	Effect of NaCl salinity on germination % of <u>Carthamus</u> <u>tinctorius</u> , variety <u>Bhima</u> .	70
	2.2	Effect of NaCl salinity on height of shoot and root length of C. tinctorius var. Bhima.	74
	2.3	Effect of NaCl salinity on Organic constituents in the seedlings of C. tinctorius variety Bhima.	79
	2.4	Effect of NaCl salinity on inorganic constituents in seedlings of <u>Carthamus</u> tinctofius variety <u>Bhima</u> .	93
4.	3.1	Effect of NaCl salinity on av. no. of leaves/plant, av. leaf area, leaf thickness, height of shoot & root length of Carthamus tinctorius variety Bhima.	118
	3.2	Effect of NaCl treatment on moisture percentage, TAN and total chlorophyll contents of <u>C. tinctorius</u> var. <u>Bhima</u> .	126
	3.3	Effect of NaCl salinity on total carbohydrate contents of <u>Carthamus</u> var. <u>tinctorius</u> var. <u>Bhima</u> .	134
	3.4	Effect of NaCl salinity on total nitrogen and crude protein, polyphenols and proline contents in leaves, stem and roots of <u>C.tinctorius</u> var. Bhima.	138
	3.5	Effect of NaCl salinity on inorganic constituents of <u>Carthamus</u> tinctorius var. <u>Bhima</u> .	154
	3.6	Effect of NaCl salinity on reproductive growth of <u>Carthamus</u> tinctorius var. Bhima.	166

Chapter	Table	Title	Page
5	4.1	Effect of water stress on av. no. of leaves/plant, ave. leaf area, leaf thickness, height of shoot and root length of Carthamus tinctorius var. Bhima.	174
	4.2	Effect of water stress on moisture %, TAN, and total chlorophyll contents of Carthamus tinctorius var. Bhima.	181
	4.3	Effect of water stress on total carbohydrate contents in leaves, stem & roots of <u>C. tinctorius</u> var. <u>Bhima</u> .	186
	4.4	Effect of water stress on total nitrogen and crude protein, polyphenols, and proline contents in leaves, stem & roots of Carthamus tinctorius var. Bhima.	191
	4.5	Effect of water stress on inorganic constituents of <u>Carthamus</u> <u>tinctorius</u> var. <u>Bhima</u> .	204