LIST OF TABLES

Table	•	Page
	Pseudostem height, circumference and height / cicumference ratio at bunch shooting of different banana cultivars	67
	Total number of leaves, number of green leaves and total number of suckers per plant at bunch shooting of different banana cultivars.	72
3 -	Fresh weight of: Whole plant, leaves, pseudostem, and corm at bunch shooting of different banana cultivars	77
4 -	Leaf blade length, width and length / width ratio of different banana cultivars.	82
5 -	Leaf petiole length, period from emergence to unfolding of leaf (full expansion), leaf blade area and area coefficient of different banana cultivars.	
6 -	Number of female, hermaphrodite, male, total flower clusters per inflorescence and female flower clusters percentage of different banana cultivars.	
7 -	Male bud length, girth and weight, as well as male axis length of different banana cultivars.	; 97

Table	r ge
8 - Bunch shooting percentage of different banana cultivars during the period from April to October.	100
9 - Period from: Suckers emergence to bunch shooting, bunch shooting to harvesting, and the cropping cycle of different banana cultivars	107
10 - Bunch length, bunch weight, stalk weight and stalk percentage of different banana cultivars.	113
11 - Number of hands and fingers per bunch of different banana cultivars.	118
12 - Hand weight and fingers number per hand of different banana cultivars.	121
13 - Length, diameter and pedicel length of finger of different banana cultivars.	125
14 - Finger curvature of different banana cultivars	128
15 - Finger weight, pulp weight, pulp percentage and peet thickness of different banana cultivars	1 130
16 - Finger hardiness, firmness and pulp firmness of differen banana cultivars.	t 135
17 - Total sugars, reducing sugars, starch, total sugars starch ratio and titratable acidity of different banan cultivars.	/ na 139

ľable	. E	age
18 -	Volatile constituents percentage of different banana cultivars.	144
19 -	Dry matter percentages of : leaf, pseudostem, and corm at bunch shooting and ripe pulp of different banana cultivars.	151
20 -	Ripe pulp minerals content of different banana cultivars.	155
21 -	Leaf minerals content of different banana cultivars	159
22 -	Corm total carbohydrates, nitrogen and C/N ratio of different banana cultivars.	163
23 -	injury index of of different banana cultivars	167
24 -	Evaluation of different banana cultivars based on nine characters.	169
25 -	First step of evaluation of different banana cultivars	170
26 -	Second step of evaluation of different banana cultivars according to their adaptability, yield and fruit quality	173

LIST OF ILLUSTRATIONS

Figur	Pag Figure	
1 -	Pseudostem height, circumference and height / circumference ratio at bunch shooting stage of different banana cultivars	68
2 -	Total number of leaves, number of green leaves and number of suckers per plant at bunch shooting of different banana cultivars.	73
3 -	Fresh weights of: whole plant, leaves, pseudostem and corm at bunch shooting stage of different banana cultivars.	78
4 -	Leaf blade length, width and length / width ratio of different banana cultivars	83
5 -	Leaf petiole length, period from emergence to unfolding of leaf (full expansion) and leaf blade area of different banana cultivars.	87
6 -	a. Bunch shooting percentage of Hindi, Basrai, Williams cultivars during the period from April to October	101
6 -	b. Bunch shooting percentage of Poyo, Maghrabi and Paradica cultivars during the period from April to October.	102

Figure	Page
6 - c. Bunch shooting percentage of Ambel, Mohamed Ali and Sindihi cultivars during the period from April to October.	103
7 - The period from : suckers emergence to bunch shooting, bunch shooting to harvesting and the cropping cycle of different banana cultivars.	108
8 - Bunch length, bunch weight, stalk weight and stalk percentage of different banana cultivars.	114
9 - Hand weight and fingers number per hand of different banana cultivars	122
10 - Finger weight, pulp weight of finger, pulp percentage and peel thickness of different banana cultivars	131
11 - Finger hardiness, firmness and pulp firmness of different banana cultivars.	136
12 - a. G L C chromatograms of Volatile constituents for Hindi, Basray, and Williams cultivars.	r 145
12 - b. G L C chromatograms of Volatile constituents fo Poyo, Maghrabi and Paradica cultivars	r 146
12 - c. G L C chromatograms of Volatile constituents for Ambel, Mohamed Ali and Sindihi cultivars	r 147