

List of Tables

	<i>Page</i>
2.1: Examination of different fractions obtained from Column Chromatographic separation...	52
2.2: Examination of different fractions obtained from Column Chromatographic separation...	53
2.3: Examination of different fractions obtained from Column Chromatographic separation...	54
2.4: Examination of different fractions obtained from Column Chromatographic separation...	57
2.5: Pathogenic fungal cultures used.....	59
2.6: Pathogenic bacterial cultures used.....	60
2.7: Percent inhibition of spore germination of <i>Colletotrichum gloeosporioides</i> , <i>Fusarium equiseti</i> and <i>Curvularia eragrostidis</i> by lupeol (compound A). (when control raised to 100)	64
2.8: Antifungal activity of lupeol (compound A).....	65
2.9: Antibacterial activity of lupeol (compound A).....	66
2.10: Percent inhibition of spore germination of <i>Colletotrichum gloeosporioides</i> , <i>Fusarium equiseti</i> and <i>Curvularia eragrostidis</i> by 2,2-dibromolupanone (compound B). (when control raised to 100)	67
2.11: Antifungal activity of 2,2-dibromolupanone (compound B).....	68
2.12: Antibacterial activity of 2,2-dibromolupanone (compound B).....	69
2.13: Percent inhibition of spore germination of <i>Colletotrichum gloeosporioides</i> , <i>Fusarium equiseti</i> and <i>Curvularia eragrostidis</i> by 2 α -bromolupanone (compound C) (when control raised to 100)	70
2.14: Antifungal activity of 2 α -bromolupanone (compound C)	71
2.15: Antibacterial activity of 2 α -bromolupanone (compound C)	72
2.16: Percent inhibition of spore germination of <i>Colletotrichum gloeosporioides</i> , <i>Fusarium equiseti</i> and <i>Curvularia eragrostidis</i> by lup-1-(2)-en-3-one (compound D). (when control raised to 100)	73
2.17: Antifungal activity of lup-1-(2)-en-3-one (compound D).....	74
2.18: Antibacterial activity of lup-1-(2)-en-3-one (compound D).....	75
2.19: Percent inhibition of spore germination of <i>Colletotrichum gloeosporioides</i> , <i>Fusarium equiseti</i> and <i>Curvularia eragrostidis</i> by lupan[2,3-C]-1,2,5-oxadiazole (compound E). (when control raised to 100)	76
2.20: Antifungal activity of lupan[2,3-C]-1,2,5-oxadiazole (compound E).....	77
2.21: Antibacterial activity of lupan[2,3-C]-1,2,5-oxadiazole (compound E).....	78
2.22: Phytotoxicity of lupeol and its derivatives.....	79
3.1: Examination of different fractions obtained from Column Chromatographic separation...	91
3.2: Examination of different fractions obtained from Column Chromatographic separation....	92
3.3: Examination of different fractions obtained from Column Chromatographic separation....	94
3.4: Examination of different fractions obtained from Column Chromatographic separation....	96

3.5:	Percent inhibition of spore germination of <i>Colletotrichum gloeosporioides</i> , <i>Fusarium equiseti</i> and <i>Curvularia eragrostidis</i> by 2,2-dibromomethylidihydrobetulonate (compound F) (when control raised to 100)	98
3.6:	Antifungal activity of 2,2-dibromomethylidihydrobetulonate (compound F)	99
3.7:	Antibacterial activity of 2,2-dibromomethylidihydrobetulonate (compound F).....	100
3.8:	Percent inhibition of spore germination <i>Colletotrichum gloeosporioides</i> , <i>Fusarium equiseti</i> and <i>Curvularia eragrostidis</i> by 2 α -bromomethylidihydrobetulonate (compound G) (when control raised to 100).....	101
3.9:	Antifungal activity of 2 α -bromomethylidihydrobetulonate (compound G)	102
3.10:	Antibacterial activity of 2 α -bromomethylidihydrobetulonate (compound G)	
3.11:	Percent inhibition of spore germination <i>Colletotrichum gloeosporioides</i> , <i>Fusarium equiseti</i> and <i>Curvularia eragrostidis</i> by 28-Carbomethoxylup-1-(2)-en-3-one(compound H) (when control raised to 100).....	103
3.12:	Antifungal activity of 28-Carbomethoxylup-1-(2)-en-3-one (compound H)	104
3.13:	Antibacterial activity of 28-Carbomethoxylup-1-(2)-en-3-one (compound H)	105
3.14:	Percent inhibition of spore germination <i>Colletotrichum gloeosporioides</i> , <i>Fusarium equiseti</i> and <i>Curvularia eragrostidis</i> by of 28carbomethoxyLupan[2,3-C]-1,2,5-oxadiazole (compound J) (when control raised to 100)	106
3.15:	Antifungal activity of 28carbomethoxyLupan[2,3-C]-1,2,5-oxadiazole (compound J)	107
3.16:	Antibacterial activity of 28carbomethoxyLupan[2,3-C]-1,2,5-oxadiazole (compound J).....	107
3.17:	Phytotoxicity of Betulinic acid and its derivatives.....	108
4.1:	Percent inhibition of spore germination <i>Colletotrichum gloeosporioides</i> , <i>Fusarium equiseti</i> and <i>Curvularia eragrostidis</i> by Cerin (when control raised to 100)	119
4.2:	Antifungal activity of Cerin	120
4.3:	Antibacterial activity of Cerin	121
4.4:	Percent inhibition of spore germination <i>Colletotrichum gloeosporioides</i> , <i>Fusarium equiseti</i> and <i>Curvularia eragrostidis</i> by Friedelin (when control raised to 100)	122
4.5:	Antifungal activity of Friedelin	123
4.6:	Antibacterial activity of Friedelin.....	124
4.7	Phytotoxicity of cerin and friedelin.....	125