General index

		Page
General index	…….	**i**
Tables index	…….	**iii**
Figures index	……..	**vii**
RESUME	.....	**1**
RESUMEN	……..	**3**
RESUM	……...	**5**
PRESENTATION	…….....	**7**
CHAPTER 1:	General introduction …….	**9**
CHAPTER 2:	Objectives ……..	**15**
CHAPTER 3:	The effect of fruit on flower bud initiation and development in peach ……..	**19**
CHAPTER 4:	Factors regulating effectiveness of GA_3 inhibiting flowering in peaches and nectarines (*Prunus persica* L. Batsch) …….	**39**
CHAPTER 5:	Hormonal regulation of reproductive and vegetative growth in *Prunus persica* L. Batsch…….	**59**
CHAPTER 6:	The inhibition of flowering by means of gibberellic acid application reduces the cost of manual thinning in Japanese plums (*Prunus salicina* Lindl.)……..	**91**
CHAPTER 7:	Short term effect of GA_3 spray on growth and chlorophyll fluorescence in young and adult trees of *Prunus persica* L. Batsch ……..	**107**
CHAPTER 8:	Effect of artificial chilling on the depth of endodormancy and vegetative and flower budbreak of peach and nectarine cultivars using excised shoots……...	**133**
CHAPTER 9:	Effect of different chilling and heat conditions on the	

Page

release of bud dormancy of 'Flordastar' peach (*Prunus persica* L. Batsch)…… **151**

CHAPTER 10: Effects of chilling on carbohydrates and nitrogen fractions content in bark tissues of different *Prunus* species ……. **175**

CHAPTER 11: General discussion……. **195**

CHAPTER 12: General conclusions……... **201**