



Contents

Contents.....	I
List of manuscripts	II
Chapter 1: Prolog	1
Chapter 2: Water use efficiency of sugar beet varieties in response to <i>H. schachtii</i>	13
Chapter 3: Interrelations of nitrogen, catch crop, <i>H. schachtii</i> and sugar beet variety	39
Chapter 4: Control of <i>H. schachtii</i> by trap crops, varieties and nematicide application.....	63
Chapter 5: Epilog.....	89
Summary.....	99
Further publications.....	101
Danksagung	103
Lebenslauf.....	105