

〈 Summary 〉

Purpose& Contents	<ul style="list-style-type: none"> - To investigate growth characteristics of the new garlic varieties and select a high value garlic lines - To develop reducing labor and production cost method for the new garlic varieties - To investigate the factors responsible for decreasing clove differentiation rate of garlic and for increasing the productivity of single bulb compared the regulation of seed bulb materials, seeding period - To adjust real producing field - Establish of cultural technology of northern type new variety garlic - Studies on seeding time, harvesting time and bulbil cultivation method of northern type new variety garlic 				
Results	<ul style="list-style-type: none"> - ‘Hongsan’ which can be cultivated north and south area and ‘Hansan’ which producing big seed bulbs is selected - Optimal time to get rid of garlic shoots was 3 weeks after the garlic shoots appeared - Single bulb and clove materials produced higher commercial single bulb compared with bulbil - Intermediate type(DL33) showed highest commercial single bulb - Intermediate type(DL33) was performed well Oct. 26 and Feb. 23 - Warm type(Daeseojong) was more favorable Feb. 23 - policy proposal : Recommendation cultivation method for expanding new variety in northern type garlic - Practical utilization : Seeding and harvesting times of northern type new garlic ‘Dasan’, ‘Hwasan’ and ‘Daeju’ - Research paper Publication : Effect of leaf removal on yield and growth in northern type garlic. Publication Request - Annual Conference : Effect of cultivation method for seed bulb production by northern type new variety garlic bulbil. 				
Expected Contribution	<ul style="list-style-type: none"> - Selection of south and north type garlic producing big seed bulb and having high value lines - Development elite garlic seed production system through cultivate seed bulbs of new garlic varieties - Dissemination of single bulbing production technology in farming - Spread of spring cultivation for single bulb productivity increasing - Cultivation trial and establishment of distribution system for cultural technology of northern type new variety garlic 				
Keywords	Development of elite lines	Reduction of labor & production cost			