

CONTENTS

Foreword	
<i>Lu Liangshu</i>	(1)
Preface	
<i>Deng Jingyang</i>	(3)
The Discovery of the Taigu Genic Male Sterile Wheat	
<i>Gao Zhongli</i>	(5)
Determination of a Dominant Male Sterile Gene and Its Prospect in Practice	
<i>Deng Jingyang & Gao Zhongli</i>	(7)
Further Study on the Inheritance	
<i>Ji Fenggao & Deng Jingyang</i>	(22)
Locus of the <i>Tal</i> Gene	
<i>Liu Binghua & Deng Jingyang</i>	(32)
The Cytological and Histological Investigation of the Abortive Process	
<i>Li Xiangyi & Deng Jingyang</i>	(47)
Submicroscopic Observations on Anther Tissue and Microsporogenesis Process I	
<i>Chen Zhu Xizhao</i>	(61)
The Abnormal Change of Lysine-Rich Histone in the Pollen Mother Cell Nuclei Before and after Meiosis	
<i>Xue Guangxing & Deng Jingyang</i>	(74)
Comparative Analysis of Free Amino Acids in Sterile and Fertile Anthers	
<i>Zhu Guanglian & T.H.Tsao</i>	(86)
The Source and Utilization of Free Porline in Fertile Anthers and Their Relation to the Abortion of Sterile Anthers	
<i>Zhu Guanglian, Sun Chao & T.H.Tsao</i>	(97)

Application in Wheat Conventional Breeding and Recurrent Selection <i>Deng Jingyang & Ji Fenggao</i>	(110)
Studies on the Combination of Base Population in Population Improvement <i>Wang Jinxian, Wu Kezhong & Zhou Mingfu</i>	(119)
Selection and Mating in Recurrent Selection <i>Zhang Shaonan & Ji Fenggao</i>	(130)
Development of Gene Pool with Improved Resistance to Scab <i>Wu Zhaosu, Shen Qiuquan, Lu Weizhong & Yang Zanlin</i>	(134)
A Recurrent Selection Scheme for Breeding Wheat Variety with Resistance to Scab (<i>Gibberella zeae</i> (Schw.)Petch) Colonization <i>Zhang Leqing</i>	(145)
In the Multiple Resistance Breeding <i>Lin Zuoji, Wang Zhenfu & Shuang Zhifu</i>	(151)
The Recurrent Selection Scheme for Improvement of Multiple Characters <i>Shen Qiuquan</i>	(158)
As Effective Tool in Distant Hybridization <i>Zhu Hanru & Li Xiaochun</i>	(162)
Application of the <i>Tal</i> Gene to Triticale Breeding Program <i>Ji Fenggao & Deng Jingyang</i>	(167)