



Grain Yield Indicators of Varieties Planted by Winter Wheat Experiment Variants

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ABSTRACT

Development of an element of agrotechnology for the cultivation of imported and domestic wheat varieties of soft winter wheat. The purpose of the experiment is to study the relationship between the productivity indicators of the variety planted and the biological characteristics of the variety

Key words: agrotechnology, domestic wheat, indicators, biological.

I. Introduction

In recent years, extensive scientific research has been conducted on the development of novel kinds of fall grain crops, the organization of their seed production, and the advancement of agrotechnology of cultivation in order to assure food security in the Republic. practical knowledge In 2021–2022, it was possible to account for the productivity indicators of both native and foreign types of soft wheat at the Institute of Agriculture and Agro-experimental Technology's plot in Andijan. 8 varieties were planted over the course of 3 repetitions to study our field studies.

Based on the methodical manuals created by the Uzbek Institute of Cotton Growing and the Uzbek Institute of Plant Science, the phenological observation and accounting of the plants in the experimental area were carried out.

The agrotechnics of grain cultivation used in the institute for the care of winter wheat served as the foundation for the agrotechnics of winter wheat care carried out in the experimental field.

Table 1

Grain yield of winter wheat varieties

№	Varietal name	Productivity according to returns, ts/ha				Average productivity, ts/ha
		1	2	3	4	
1	ASR	85,6	87,2	84,9	86,3	86
2	CHILLAKI	74,6	76,2	73,9	75,3	75,0
3	GURT	62,1	59,4	58,9	61,0	60,4
4	ZVEZDA	65,6	62,8	60,9	64,2	63,4
5	ALEKSEEVICH	63,9	64,8	63,4	60,9	63,8
6	ANDIJON-4	73,8	75,5	72,9	74,9	74,2
7	ANTONINYA	60,7	57,9	55,9	58,5	58,2
8	BEZOSTAYA-100	58,6	60,6	57,9	60,2	59,7
HCP (0,5) = 0,32						
HCP % = 0,43						



ASR 86 t/ha, CHILLAKI 75 t/ha, and ANDIJON-4 74.2 t/ha are the grain yield indicators of the local variety in the experiment conducted in 2021–2022, which is high productivity compared to other varieties. been accomplished.

References:

1. Мирзиёев Ш.М. Буюк келажакимизни мард ва олийжаноб халқимиз билан бирга курамыз. Тошкент, Ўзбекистон нашриёти, 2017.
2. Мирзиёев Ш.М. Эркин ва фаровон, демократик Ўзбекистон давлатини биргаликда барпо этамыз. Тошкент, Ўзбекистон нашриёти, 2016.
3. Эгамов, У. Набиев.”Кузги бугдойни ҳосилдорлик ва дон сифати юқори навларини яратишда олиб борилаётган селекция жараёнлари натижалари”. “Бошоқли дон ва мойли экинлар селекцияси, уруғчилиги ҳамда уларни етиштириш агротехникасини ривожлантириш истикболлари”Халқаро илмий-амалий конференция мақолалар тўплами. Андижон-2011й. 21-24 бет.
4. Абдукаримов Д. Дала экинлари хусусий селекцияси. -Тошкент. 2007.
5. Абдуазимов А., Жононов Б. Қишлоқ хўжалиги маҳсулотларини етиштириш, сақлаш ва дастлабки қайта ишлашнинг қишлоқ хўжалиги, экология ва табиий ресурслардан самарали фойдаланишни ривожлантиришдаги ўрни. Республика илмий анжумани мақолалар тўплами.-Қарши. 2017.-Б. 120-122.
6. Сиддиқов Р. Дон сифати нималарга боглик. //Ўзбекистон қишлоқ хўжалиги журнали, 2005. №12.-Б. 33-34.
7. Сиддиқов.Р, Эгамов.И, Юсупов.Н “Бошоқли дон экинлари селекциясининг асосий йўналишлари” Ўзбекистон Қишлоқ хўжалик журнали