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EFFECT OF CHIPPING ON THE SPILLAGE OF YIELD ELEMENTS AND LEAF SURFACE FORMATION IN COTTON

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Abstract
In this article, the shedding of crop elements at different seedling thicknesses in cotton, the factors affecting the shedding, especially the methods of weeding, the effect of climate, agrotechnical factors are explained.

Keywords: Defoliation, pruning, productivity, layer, cone, cob, flower, node, control, mechanical pruning, manual pruning, uniting.

Introduction

To us as is known beauty whole vegetation period up to 60-70-90 during harvest elements is formed . If in cotton harvest of elements spill process event If not, 150-200 quintals until harvest to take opportunity there is will be . Harvest elements to spill natural and anthropogenic factors impact does .

Level of study of the problem: Current many in the field scientists by scientific research take visited including :

R.Nazarov by take visited scientific 10 results in research horn appearance when 25-30 crops in cotton element is formed . From this then the fastest 70-80% of the breasts But August in the months appearance 13 harvests on the horn harvest 75-80% of the elements spilled goes .

B.Kholikov's to the mind according to feed of substances of cotton generative to the organs twist with harvest of elements spill reduce and of the harvest fast and good quality ripening maturity provision possible .

A.Imomaliyev , A.Bakhramovs by Namangan region Uychi-2 cotton in the genre of chirping defoliants to the effectiveness impact studied , in this chemical "Tur" hair removal equipment with take visited as a result vegetative of the mass growth slowing down plant cone shape received and defoliants everyone the leaves one in a way moan for productivity other to lick to the methods relatively (manually , mechanically) more efficient that is stressed .

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The main prt: Harvest elements to spill many in case seedling thickness main factor become impact does . Harvest of elements to spill impact doer main event this chessboard is considered . In the plant harvest elements intense in pictures taking shape one in the period of the plant tall growth process one a little slows down but plant general in development continue Such at the time chessboard from doing intended main goal this of the plant tall growth stop and coming feed substances unity harvest to the branches from twisting It also has 1 on the field acceptable seedling thickness if not provided on the hanger leaf level formation decreases this and own in turn of the plant dry substance to collect own of the impact shows .

Soil conditions of the experimental area: Home soil meadow music soil is 237.5 thousand hectare organization 72% of it is driven by are lands . Colmatageled , that is human by artificial accordingly soil harvest 13.8 thousand made hectare soil there is is , is now on the day 89% of it is driven . Experience placed field The soil is also irrigated. meadow music soils type belonging to

Climate conditions : Fergana group districts from the north Big Fergana canal , southern west from the side Kyrgyzstan and Tajikistan Republics with borderline . Experience area Fergana region to the territory belonging become Kokand region with compared useful temperatures total from April 1 to September 1 to 92 degrees less will be .
Field experiences take visited of the place climate conditions changeable , winter cold , summer season hot to be , vegetation The period is 235-240 days. organization Research take Weather in 2022 temperature and precipitation amount about information Fergana hydrometeorology from the station obtained are presented in Table 1.

Table 1

Months	Ten diaries	Air temperature		Ten diaries	Traffic jam amount	
		Many annual	2022		Many annual	2022
March	1st decade	5.6	7.8	1st decade	28.6	3.2
	2nd decade	8.2	14.4	2nd decade	29.4	-
	3rd decade	10.1	12.6	3rd decade	29.8	22.0
	Average	**7.96**	**11.6**	**Average**	87.7	25.2
April	1st decade	12.6	11.4	1st decade	26.8	36.7
	2nd decade	15.2	14.5	2nd decade	23.8	35.4
	3rd decade	17.0	21.3	3rd decade	21.2	8.1
	Average	**14.9**	**15.7**	**Average**	71.8	30.2
May	1st decade	18.5	19.9	1st decade	16.5	51.7
	2nd decade	20.1	18.6	2nd decade	12.7	22.0
	3rd decade	21.8	27.6	3rd decade	10.7	-
	Average	**20.2**	**22.2**	**Average**	39.8	73.7
June	1st decade	24.1	26.4	1st decade	6.2	-
	2nd decade	25.7	25.9	2nd decade	2.7	-
	3rd decade	26.8	26.5	3rd decade	3.2	1.7
	Average	**25.5**	**26.3**	**Average**	12.1	1.7
July	1st decade	27.3	26.0	1st decade	1.3	-

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	2nd decade	27.3	29.9	2nd decade	1.2	0.7
	3rd decade	27.2	28.9	3rd decade	1.5	-
	Average	**27.3**	**28.3**	**Average**	4.0	0.7
August	1st decade	26.5	28.1	1st decade	0.8	-
	2nd decade	25.7	25.9	2nd decade	0.9	-
	3rd decade	23.8	23.9	3rd decade	0.8	13.6
	Average	**25.4**	**25.9**	**Average**	2.5	13.6
September	1st decade	22.1	22.8	1st decade	0.6	-
	2nd decade	20.2	19.0	2nd decade	1.8	-
	3rd decade	17.9	16.3	3rd decade	2.4	-
	Average	**20.0**	**19.4**	**Average**	4.8	-

Research methodology: Field experiments « Methodology field opitov s xlopchatnikom » and " Field experiences transfer "styles " guides based on take went.
To the information statistic processing in giving B. Dospekhov's " Methodology". field from the " optyva " manual used .
This experience in the year below measurement and calculation works done Increased : Experience of the field to the soil agrochemical description to give for experience from the beginning before 0-30 and 30-50 cm from layers soil samples taken from the soil general humus amount IVTyurin , general nitrogen and phosphorus in determining IMMalseva and LNGritsenko from the styles , nitrated nitrogen in determining ionometric from a tool , mobile phosphorus in determining BPMachigin and exchangeable potassium in determining PVProtasov from the styles used .

Result

Research in the year marked seedling in thickness , peeling in the way harvest of elements spill level cotton productivity in 2022 as follows his/her own the impact showed .
Chilpish in the mechanism done in the background seedling thickness 70-80 thousand bush / ha when left harvest elements spill 59.9 % organization reached and this to lick not held to the option by 4.2% compared to less spilled with This is expressed as to lick in the background seedling thickness 90-100 thousand bush / ha was in the option harvest elements spill relatively less that was observed and suitable 53.3 % respectively organization Seedling thickness high in the amount of , that is, 110-120 thousand bush / ha abandoned in the option harvest of elements shedding 61.2 % , uncut to the option relatively and by 6.3 % less spilled with explained .
Chirpish chemical method with when transferred leaf surface further less that was observed and seedling to the thickness suitable without 2788.0-2463.3-2146.7 cm ^{2} what organization done , from scratching previous bag with compared to 91.9-64.5-40.2 cm ^{2} to increased was determined . Experiment your options least in leaf surface increase chemical to lick held in the option observed this and control to the option relatively leaf surface area 456.9-379.5-281.5 cm ^{2} to less increased experience year during determined.

Conclusion

Selective taken in varieties various seedling thick and to lick types in consideration received without cultivation plant to productivity his/her own the impact to show was determined.
In the morning seedling thickness The more you grow, the more you harvest. of elements

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accumulation decreasing progress record was done .

In this variety seedling thickness 90-100 thousand bush / ha when left plant leaf level acceptance observed as a result plant bushes between of the air rotation improved , the sun light bottom to the tiers arrived progress as a result of the breasts opening accelerating the harvest quality improved . The field is 90-100 thousand bush / ha seedling in thickness abandoned in options sun light with acceptable provision as a result photosynthetic activity accelerating dry mass collect the process is also increasing determined.

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