

Study and Analysis of Agrobiological Characteristics of Pomegranate Fruit

I.D Bobayev¹, M.I Adinayev², Kh.N.Niyazov³

¹Tashkent Institute of Chemical Technology

²Tashkent state Agrarian university

³A. Mahmud Mirzayev in the name of horticulture, viticulture and winemaking scientific research institute

e-mail: khasan.niyozov@mail.ru

Abstract:

Uzbekistan Republic PQ-4575 of the President of January 28, 2020 Uzbekistan Republic village farm development for 2020-2030 intended in the strategy defined tasks done increase development of the industry in the decision on measures prospects set given.

Introduction

Uzbekistan Republic Ministers " Fergana" court in the region pomegranate to grow increase and the field development measures on ¹ in Decision No. 791 dated October 4, 2018 Ferghana in the region pomegranate grower farms organize reach.

A nor trees development optimal conditions for enough the sun light, warm winter and dry (hot) summer is the season, especially fruit development last stages rain not to be big important have Such in the circumstances fruit the most good size, color and enough juice takes, this while own in turn of fruit rupture with depends problems reduces.

A walnut tree I'm quiet during - at a temperature of 110c from the cold damage can _ Research that's it shows that pomegranate trees from -9°C to -12°C to the temperature endure can _ from -20°C in temperature while pomegranate of trees whole body land to the surface frozen it dries.

Because of this Ferghana province in the district being cultivated pomegranate varieties in the cold the trees endurance and Cold from hitting prevention get measures as shown in Table 1 below lit.

No	Pomegranate varieties	Anamal Cold	Medium Cold	Weak Cold	From the cold storage for from film use dimensions
		December, January , February			
1	Qozoqi	-20-35	+5-5	+10+6	0.01 to 0.015 mm
2	Qoradon qizil	-10-15	+2-8	+15+10	0.100 and 0.150 mm
3	Achchiqdona	-15-20	+8-10	+12+8	0.120 and 0.150 mm
4	Qayum	-5-8	+10-2	+15+12	0, 230 and 0, 200 mm

Research methodology. Vegetative season long continue doer, but temperature drops below -15°C leaving in the regions efficient harvest get in order to pomegranate seedlings winter from the cold to protect recommendation will be done. It's late bloom because of usually early in the spring killings pomegranate seedlings for so much big problem does not give birth, but late autumn killing or unexpected Cold harvest for very dangerous to be can.

A nor trees winter I'm quiet during to the cold somewhat resistant, but in the fall I'm quiet to the period complete until you enter was and in the spring bud light up periods from the cold suffering to smoke much inclined will be A nor trees to the heat very resistant and for 120 days temperature from +30C high will be in the regions very good develops.

A nor trees different soil conditions easily adapt takes, but fertile choke in soils very good develops. So though they are different soil conditions development possible, that's it including medium standard shorok A nor trees in soils too salinity level one little high was development in soils possible _ Of the soil water conductivity (water standing up not stay) very important.

A nor trees acidity medium from the norm alkalinity one little high was development in soils they can good development for the most good soil conditions this pH is between 5.5 and 7.5 soil conditions.

Of the soil alkalinity high and of soil water conductivity deteriorated in the circumstances fruit quality violation starts _

Above to the language as received , they productivity high gray in soils good develops , but they are corn and clay (srach) is also effective in soils development can.

A nor trees for water existence very that 's important because of they are enough irrigation recommendation will be done. It 's the season during irrigation opportunity there is if there is, it is due to lack of water to stress not falling for trees how much Demand if he does that's all irrigation to the goal according to

In general in fact , the season and area requirements come came out without Summer in the seasons pomegranate tree enough to irrigation need.

Water standing up not stay and of soil water conductivity improve for necessary measures own on time done increase recommendation will be done.

Initially slope big was not lands special technique using horn - from sables (bulldozer harrowing , disking or strong grass reaper device using) is cleaned. Many gardeners of soil water conductivity improvement, rodents their dens break, stone or old a tree roots reach the surface release for max equipment with ground from 50 cm to 1 m suffocated in depth they release. To the ground such processing give, land under how problems that there is to know too much for comfortable.

Research results and their analysis. Such practice new opening to the lands in application caution to be because it is necessary winter a lot rains due to land erosion problem to bring can _ Soil food base to know for a depth of 50 cm (up to 1 meter). soil layer laboratory analysis and soil pH determination recommendation will be done. Full information have to be for of the earth different in parts so inspections done increase to the goal according to because the same one of the earth different parts different character soil of types organize found to be can.

Summary by doing so to speak pomegranate sir fruit giver fruits type enters _ Good, plenty fruit to give, technological indicators (pomegranate big smallness), organelliptic indicators (taste, smell, color) agrobiological events own on time to be fulfilled depend.

Used literature :

1. 4575-son «O'zbekiston Respublikasi qishloq xo'jaligini rivojlantirishning 2020-2030 yillarga mo'ljallagan strategiyasida belgilangan vazifalarni amalga oshirish chora-tadbirlari to'g'risida»gi qarorida sohani rivojlantirish istiqbollari belgilab berilgan.
2. O'zbekiston Respublikasi Vazirlar Mahkamasining "Farg'ona viloyatida anor yetishtirishni ko'paytirish va sohani rivojlantirish chora-tadbirlari to'g'risida"gi 2018 yil 4 oktyabrdagi 791-son qarorida Farg'ona viloyatida anor yetishtiruvchi xo'jaliklarni tashkil etish.3.Zaxarov V.P., Libizov I.N. Lekarstvennbiye veshstva iz rasteniy i sposobb ix proizvodstva, FAN. Uz. Tashkent. 1995 yil.
3. Baymetov K. I., Shreder Ye. A., Axmedov Sh. M., Qayimov A. Q. Anorni fermer xo'jaliklarida ko'paytirish texnologiyasi. – Toshkent. 2015.
4. Ostanaqulov T. E., Islamov S. Ya, Xonqulov X.X., Sanaev S.T., Xolmirzaev .K. Mevachilik va sabzavotchilik. S.: 2011. -b. 232-250.
5. Tolibjonov Oxunjon Odiljon o'g'li, Muydinova Kamola Baxtiyor qizi, ANORNING FOYDALI XUSUSIYATLARI VA UNI UZOQ VAQT DAVOMIDA SIFATLI SAQLASH SIRLARI., Tadqiqotlar: Vol. 9 No. 1 (2023):" TADQIQOTLAR jahon ilmiy-metodik jurnali| 9-son| 1-qism".
6. И.Ч. Намозов, АНОР ЕТИШТИРИШ., 100 китоб тўплами., Анор етиштириш [Матн] : илмий нашр / «Агробанк» АТБ.-Тошкент: "ТАСВИР" нашриёт уйи, 2021. - 72 б.