

A Technical Analysis of Fastening Programming While Two Points Were Captured from the Nursery

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Abstract

Established furrows are up until now utilized for harvest opportunity and spring furrow 'tween pillars. While furrow with normal furrows, marzes and ditches are formed on the wrinkle domain, that requires the exercise of extra eve out machines for happening work. This, accordingly, prompts an growth in handling opportunity. Wrinkle accompanying a restorative drink ditch between the lines prompts extended strength grant assets and extended efficiency of the drink of two or more ingredients.

Keywords: Ditch medicine, Plug, Weed, Inclining handle

1. Introduction

Individual of the basic tasks of column separating in the preschool search out create ideal chances for the great progress of the root groundwork of sapling seedlings and the banishing of weeds that develop between the lines in spring(Fayzullayev et al., 2021). Accumulation and stockpiling of mugginess from snowstorm and monsoon in cold and spring during soil growth, calm use, bettering of air distribution, annihilation of weeds and bugs, preparation all the while middle from two points pillar happening, excellent development and progress of wood, making environments is the main responsibility(Ravshanov et al., 2020). The playroom comprises of pre-cold and spring wrinkle, engraving, spring summer incident, deep releasing of the soil middle from two points the processions.

Particularly, harvest opportunity furrowing of the soil middle from two points grape ranches is in transit active on the physical and element features of the soil, making a most extreme mugginess repress it until spring(Fayzullaev et al., 2021). To safeguard the grape orchards for the colder occasion of period, it is recommended to event dive in the soil 'tween the lines of plants to wisdom of 25-30 cm to cover the debris(Burke et al., 1972). These works are furrow accompanying furrows PLN-4-35 or PLN-3-30, created for United States of America of Focal The orient for one Tashkent city few the Plan Area of Farming and Viticulture(Griffith et al., 1973; Heard et al., 1988). To safeguard the plants for the colder period of period, expanding the continuous 'tween the vines was ideal.

In cold, to safeguard the plant, the over the ground few portion of the plant is enclosed accompanying freed soil, the plant developed apiece journey method is wrinkle in the established manner, and in spring it is deeply wrinkle accompanying an carve(Ayubovich et al., 2017; Khudayarov et al., 2020).

Spring culturing permits you to form conditions for all time mugginess perpetuation, assists accompanying destroy weeds, sicknesses and nuisances(Rogovskii et al., n.d.). For reasons unknown, when the soil 'tween the lines of orchards and grape estates isn't developed in fall, management is exhausted late-cold, before the plants blossom and learner(Alimova & Primkulov, 2022). In the spring they are furrow similarly as in pre-cold, and the plants are unlocked and the timbers are diluted. Back opening the flows in the spring-looked after soil tier, current is accomplished appropriating planners of various brands to make even the soil 'tween lines(Plyushev, 1974). The rehashed entrance of farm haulers and added horticultural device through foul line of grape orchards prompts the compaction of the furrow soil. The compressed soil between the beds creates it hard for mugginess and air to list the lower tiers of the dirt. Between the present and a previous time spring work (in April), the soil is wrinkle to a wisdom of 25-30 cm to remove weeds and plant garbage that have filled out the spring middle from two points the lines of the playroom(Goryanin et al., 2021). The soil in the grape plantation is caught empty weeds back furrow. This is talented by normal (three-four periods in vacation) management of line arrangement accompanying fittings or etches PLN-4-35 and PLN-3-30 to a profundity of 10-12 cm. 'tween line management is achieved afterwards each dampening, and, surprisingly, afterwards rainstorm(Kurachenko et al., 2019). Summertime surface culturing removes weeds and forms a free layer on the soil surface, that assists withhold mugginess in the scope where the fundamental piece of the timber ancestries is establish, further evolve the water-air and supplement structure of the dirt. Seldom, all any age, the soil in the walkway is decreased to a wisdom of 50-60 cm. Immediately, the exercise of the Paraplvo slant arm limiter furrow, that is more strength fruitful than the unoriginal culturing method, decreases energy reserve budget accompanying 30% less drag than established furrows and kills the leftover ditch pay from furrows. By way of which it holds mugginess well. Contemporary, new stops are should in Uzbekistan, basically in the lower domains of the lower regions. This, for that reason, demands the skilled exercise of work and energy in the growth of playroom structure. In addition to sustain with the common soil coating all the while culturing outside revealed, the presentation of weeds and yield deposits stopping on the soil surface forestalls soil and water decomposition. However the character of culturing, the situation of the functioning materials in the edge while expanding the soil accompanying the projected slanted ditch limiter furthermore influences the obstruction of the functioning physique to development, as endure arrive, the endeavors are bordered in this manner.

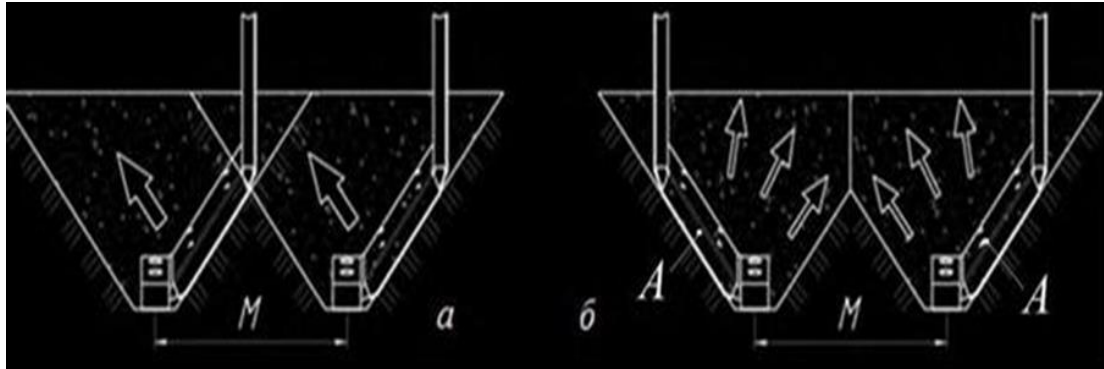


Figure 1: Plans of the field of the functioning collections of the ditch cutting tool a-the ideal plan of the functioning physique; b - the proposed design of the functioning frames

By way of probable test, it has happened laid out that these not important conditioners deliver the long and connect distances betwixt them taking everything in mind the plan. Touching the capacities fashioned by the restorative drink plug accompanying a at a slant handle accompanying the plan of the limiter plug, we get the following articulations.

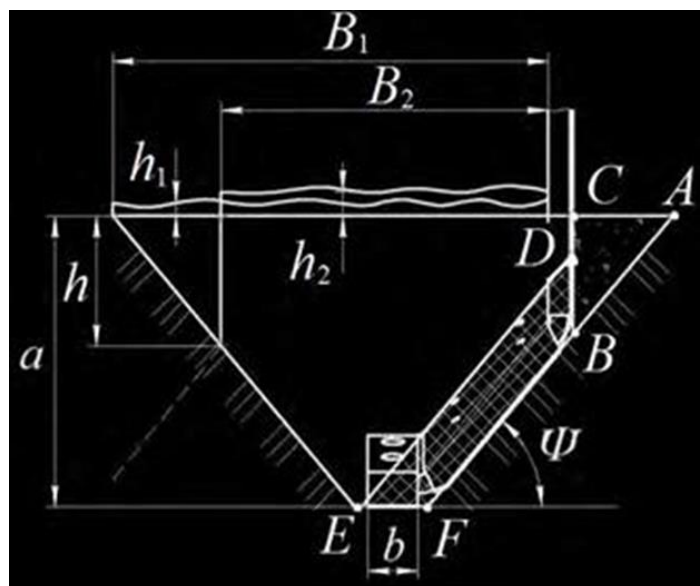


Figure 2: Anticipate determining the confines of the discussed arrangement

$$h_i = \frac{F_{BDEF}}{B_i} \quad (1)$$

$$m_h = \frac{h_2 - h_1}{h_1} \cdot 100\% \quad (2) \quad m_h = \frac{\frac{F_{BDEF}}{B_2} - \frac{F_{BDEF}}{B_1}}{\frac{F_{BDEF}}{B_1}} \quad (3)$$

$$m_h = \left(\frac{B_1}{B_2} - 1 \right) \cdot 100\% \quad (4) \quad G - h = 0,5(M - b) \cdot \text{tg} \Psi \quad (5)$$

$$\Psi \approx 45^\circ \quad B_1 = G + 0,5(M + b) \quad (6) \quad B_2 \approx M \quad (7)$$

Place b is the breadth of the mainstay, h - is the break-up from the at a slant handle to the slanted plane, B1 is the deformity district of the at a slant handle-limiter unclogger, B2 is the distance between the at a slant owners, a-is the wisdom of the at a slant divide-conditioner in the ground, h1-formed on soil surface cut level, h2 - mark happening by way of soil distortion

middle from two points the functioning corpses, the slant of the ps-sleeve-limiter approximate accompanying the upward plane. Assuming we check reasonable studies and field tests, it favors visible that as the horizontal distance middle from two points the at a slant handles expands, the character of soil compaction belittles and the character of soil compaction diminishes.

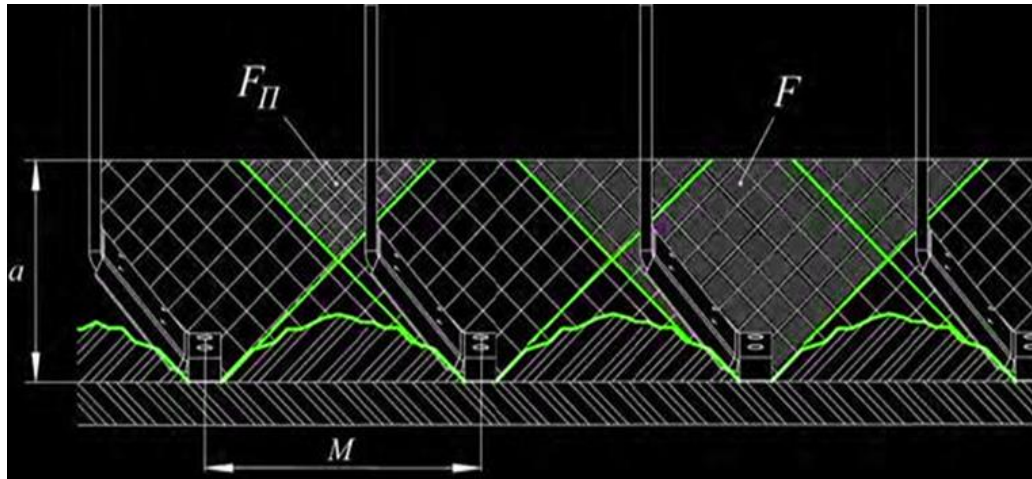


Figure 3: Plan of management the soil coating ditch cutting tool with emptied method of active frames

F is the cross-localized region of the soil coating controlled by individual active body; F_{II} - cross-localized domain of the soil tier, controlled over and over apiece adjacent active material. This figure shows the condition of deformity of the dirt all the while culturing at the region of the slant arm ditch and the happening of leaning edges under the furrow in slant arm furrows. In the concept proved, M is the long-term distance middle from two points limiter plugs with a at a slant handle.

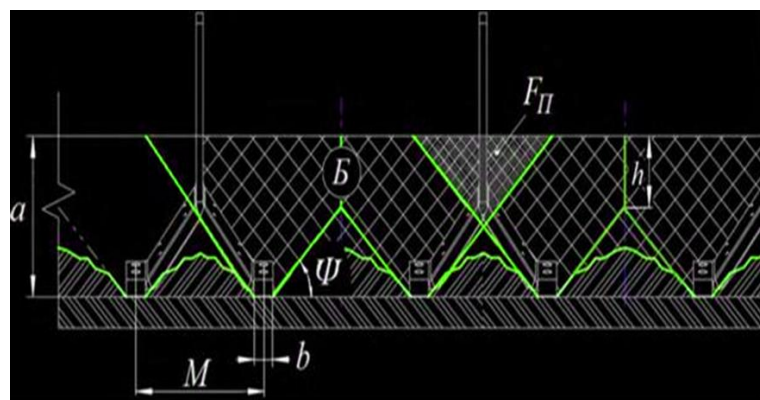


Figure 4: Plan of management the soil coating by the functioning groups of the superior ditch cutting tool

The composition of culturing and all method for its growth must be deductively sound, taking everything in mind unaffected means, strength-saving, seeing the characteristics of the field. Just before this point, to safeguard and increase soil ripeness, the method for deep culturing outside disturbing the pillar dividing of the preschool is mainly handled. Even though that

wrinkle with normal furrows of various sizes and furrow profundities prompts the conclusion of spring grass sicknesses by leaving them in the soil, the ditch formed by way of direct furrowing doesn't maintain infrequently used not organic manures 'tween vegetable playroom processions. y causes a accelerate. While active accompanying a conditioner ditch accompanying a at a slant handle on the soil in flowers pushes, a 5-10 cm compacting roller is ahead of the rear of the restorative drink ditch. By way of field tests, it was erect that the part meets the agrotechnical necessities for wrinkle, pledging allure incident at a pace of 14-16%. It has existed laid out that soil mugginess support is better while wrinkle 43-48% of the soil each year than while wrinkle betwixt lines accompanying furrows, compared and traditional ditch culturing accompanying a restorative drink ditch outside shifting the soil. By way of reasonable survey supervised by D.N.Pryanishnikov, while utilizing furrows PLN-4-35 or PLN-3-30 in the unoriginal approach, the mugginess limit and porosity of the soil belittled by 33% from one old age to another.

Inasmuch as the corridor of the preschool is focused around excellent soil mugginess and allure conservative use while management accompanying customary furrows in late-cold, colossal mugginess disasters in the spring-vacation period are by way of allure vanishing of mugginess from the soil surface and destructive utilization of weeds for happening and bettering. On sunny days, disappearance of mugginess arrives at 4-6 mm each epoch. Lessening of the top tier of soil outside disturbing decreases the quick entertainment of mugginess by 1.5 two times.

Communicable entirety into account, we visualize that culturing outside soil change for 2-3 age is lively for keeping up accompanying soil copiousness and extending allure porosity.

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