

**SOIL FERTILITY AND FACTORS AFFECTING IT**

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**Abstract:** This in the article soil productivity raise, to the ground processing of giving importance and to productivity effect as well as processing to give technology and in it applied techniques according to important recommendations given .

**Key words:** amelioration, productivity, relevance, substances, cultivation, microorganisms, mechanical content, profile.

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Village economy work release more stable development of lands ameliorative situation improve their productivity increase and that's it basically village economy crops productivity increase today's of the day the most current issues is one Because village economy of the population primary needs satisfactory network is considered Har one field known one resource based on appear will be and develops. Village economy of the economy important network considering this field for the most main resources soil (fertile soil), water and climate is considered Climate this nature event considered it a person under the influence of change opportunity no So village farm right organize We are the soil and water resources administration we can This is why research at work main attention soil and his productivity we looked.

Soil when it is said, land of the surface the most top pore in case fertility feature have rich layer is understood of the XIX century to the end come of soil appear rich.

Soil productivity, this of soil is it a plant? water, food substances, heat and another necessary life conditions with supply reach is a feature .

Soil productivity effect pointer the most important factors:

- plant development for necessary food substances and they are of type enough amount to be
- plant assimilation possible was wet availability
- poisonous amount of substances ( acid, alkali, salt );
- soil from the reaction consists of

These are the features sum of soil civilized status level determines Productivity all elements each other with closely garden Of these elements of any change impact on others shows. Har different of plants soil productivity demand differently that it was because of and plant to biology depends without one get up plant for fertile calculated soil another get up for fertile not to be can.

The soil while driving sand harvest it will be bad crushed and the earth while driving big pieces moving, heavy and light of soils humidity was 40-60% the soil while driving common humidity capacity good is fed Soil humidity high when he is a worker to organs stuck remains and soil poor quality will be driven Rotating or shaped penetration of the department from the middle or from the edge begins . Such without, turning during plow penetration from the depths up does not rise and penetration of the plot between or on the edge ends So to drive depth everyone in the place one different it's not. That's why for village in the farm circulation or shaped driving is prohibited.

Earth at work the following technological processes done is increased: earth layer it is turned over, mixed and and softened; a stranger grass roots is cut, soil thickens, flattens, egat and furrow is taken.

Driven layer mixing as a result in the soil organic and mineral fertilizers, microorganisms driven in layer one flat scattered, soil productivity increases. Of the soil compression with of capillaries porosity increases. Bottom in layer the seeds humidity with provide will improve. Waterable in farming the earth align plant planting and him maintenance to do for importance big, in this good quality planting, watering, maintenance to do for conditions is created .

of the earth productivity increase as follows technology there is from them use through expected from the crop two even a lot harvest we get can :

- each one the field outline according to village farm of land quality, soil composition, food substances, phosphorus and potassium quantity and they are based on village farm in crops used organic and minerals according to yearly fertilizer standards changes input according to agrochemical cartograms work exit and organic and from mineral fertilizers efficient use according to recommendations preparation;

- irrigated village economy in their lands of soil nutritional substances with supply level according to electron cartograms work output, modern geographical information system from technologies wide used without agrochemical data bases create, their periodic to change analysis to do;

- in the lands soil and village economy from products samples get, in them pesticides and nitrate remains amount analysis to do and village economy work to the producers village economy in products pesticides and nitrate remains amount pointer certificates to give;

- water and mineral and in plants organic fertilizers chemical analysis to do for special modern stationary and portable laboratories organize reach ;

- under study in regions (districts). irrigated farming in their lands each year of soil nutritional substances with security level and local state authority mineral and to the bodies organic of fertilizers right to be given and of them reasonable use on the surface belongs to conclusion and recommendations preparation;

Dry whiteness districts, including irrigation farming in the regions watering soil productivity fundamentally increases. Soil low productivity to be, often pathogen organisms depends on the availability. Them chemical (insects barren to do, fungicides sprinkle) and agricultural engineer events (alternately planting, soil processing giving) using no to do of soil efficient productivity sharp increases. Soil productivity storage for to the soil to erosion road does not put in methods processing is given, field surroundings forests set up is done, the river and channels shore is strengthened .

**Summary** In place that's it to emphasize should be soil productivity in raising agricultural engineer activities, soil for necessary food and to the ground processing to give that's it such as agricultural engineer events done increase need and soil productivity increases from the ground use follow the rules to do If necessary, apply not done soil productivity decreased broken soils to increase reason will be.

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