HOME AND FARM MAGAZINE SECTION

Growing Good Potatoes in the Pacific Northwest Some Ideas on the Homely "Spud" by Men Who Know Whereof They Write.



Capital Photograph of the Best Type of Baking Potato, Haised Near Kennewick, Washington. Note the Even Size Common to all These Potatoes,

tween the rows should be kept nearly (cure the potato clean and free from |ers gather up the potatoes from the

This is the first of a series 19 of growing.

BY O. M. MORRIS, Horticulturist; J. G. HALL, Plant Pathologist, and M. A. YOTHERS, Asst. Entomologist.

THE size of the seed piece of potato fundamental principle that the large seed piece or whole potato produces larger and stronger vines than the ex-tremely small potato or small piece of potato. Another point that some time has its influence is the fact that the eyes located nearest the bud end of the potato usually spront earliest and are more active in their early develop ment of plants than the eyes located mearer the stem end. In planting whole neart of pants that are planting whole potatoes, it is commonly observed that only one or two eyes at the bud end In Irrigated Sections. produce sprouts, except in the case of extremely large tubers, and that it does

in this system. However, it does not prove to be equally well f inded in dif-ferent localities. In localities where the soil condition is such that the seed po-Mulching. tato decays rapidly the whole potato decay rapidly, the advantage is not so sults.

Medium Potatoes Best. In cutting potatoes for seed, the medium sized ones are ordinarily to be preferred. Split the potato lengthwise and if further cutting is desired. factory, because they do not discrimi-to maintain. The mulch

of the points.

If a crop of clover or some other vege planted seems to have a direct in- tation has been turned under it may I fluence over the crop of potatoes found advisable to till deep early, but as soon as the roots of the plants begin fundamental principle that the large to extend out into the space between

In irrigated sections a little differnot tend to produce too many plants in a hill, as is sometimes thought. a hill, as is sometimes thought. The Colorado Experiment Station found by actual trial that seed pieces of tato crop is more frequently planted on tato that has here here a block or a block of the discrete state of the set of The Colorado Experiment Station found by actual trial that seed pieces of potato or whole potatoes weighing less than two onnees produced smaller and weaker plants and a lighter erop than seed pieces or whole potatoes weighing two ounces to more; that when the piece of seed potato weighed far in excess of two ounces there was very little gained in vigor of plants or erop produced. Considering the value of the seed, a two-ounce piece or whole potato gave approximately the maximum returns for the money invested in seed. This has been found true in field crop work and is now generally necepted by many growers in different sections of the country. Some prefer to plant the en-tire taber and never use cut seed. There appears to be some foundation for faith in this system. However, it does not

Small fields or garden patches in nonis better for planting, but in cases irrigated sections can often be mulched where the pieces of seed potato do not with straw or marsh hay with good re-

and if further catting is desired, cut without trouble, and a good mulch will crosswise, but do not cut to a single conserve more moistare than any ordieye, unless potate seed is very searce, mary system of tillage. This practice or the tubers used are extremely large. should be resorted to only in sections Mechanical cutters are seldom satis- where the moisture supply is difficult

The mulch material should be free svoid cutting directly through the eyes from seed or another crop will be planted and result in more harm than good. of planting varies as Mulching requires a good deal of time

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Fully paid shares in the Pacific Horne Builders are offered at \$12.50 each, either for cash or on very easy terms. sording to locality and fertility of the soil. The general distance between rows is from 36 to 40 inches and the dis-Harvesting. MAECUS ZUGER Pres., Exchange Bank, Waitsburg, Wa. tance between plants or hills in the In large fields the machine diggers Franklin Shuey & Co. row varies from 12 to 18 inches. Early should be used in harvesting the crop. potatees of small size can be planted It is cheaper than hand digging or more thickly than the large late growing plowing out with an ordinary turning FISCAL AGENTS plow. Hand digging is especially exvarieties. pensive, and careless diggers cut and Cultivation. 562-564 Empire Bldg. In the non-irrighted sections, clean, shallow, level tillage should be given until the new potatoes begin to form, large per cea tof the crop is left in the Phone Main 2078 SEATTLE is discontinued a slight ridge should be The crop should be dug, if possible, thrown over the row . The land he- while the soil is drying in order