

A limited number of registered Pure Seed Growers are established for the purpose of providing a source of registered seed of the varieties adopted as standard for the county. Standard Variety demonstrators are then selected for the various communities. These Standard Variety demonstrators grow the same quality of seed as the Registered Pure Seed Growers, except that the seed is not registered. The Registered Pure Seed Growers serve as a source of supply of highest class seed. The Standard Variety demonstrators enlarge the seed supply and furnish a source of good seed for farmers in their respective communities. The demonstrators go back occasionally to the Registered Seed Growers for a seed supply. The seed produced by the demonstrator is simply inspected and approved by the County Agent.

Wheat and Oats

Two registered Pure Seed Growers were selected by the county executive committee in the Spring of 1921. These men secured and planted registered Marquis Wheat and Victory Oats and their seed plots planted with this seed have been inspected and the seed produced therefrom will, no doubt, be registered by the Montana Seed Growers Association. The same quality of seed was secured for fifteen standard variety demonstrators in various parts of the county. Eight of these had demonstration plots of Marquis wheat and seven had plots of Victory Oats. The results from the pure seed introduced in the county the past year, so far as reported, has been very satisfactory.



Albert Post, Willard---One of Registered Pure Seed Growers in field of Victory Oats.



Chas. Robinson, Ollie Standard Variety Demonstrator in field of Marquis Wheat.

One grower reported that the registered wheat produced 25 bushels per acre as compared with 17 bushels per acre from his own seed; both being planted on similar ground under the same conditions the farmers who had the demonstration fields the past year will be continued as demonstrators and no doubt, many others will be added next year.

One of our registered Pure Seed Growers has this fall seeded two acres with Montana #36 winter wheat.

Corn.

Seven variety test plots were established in the Spring of 1921. Each co-operator in this project was provided with the best seed attainable of thirteen different varieties of corn that have been grown in this section of the county. Our aim is to determine by means of these variety tests the varieties that seem best adapted to each community and we will then standardize these varieties and confine our efforts to improvement of the selected varieties. The table below shows the results from one of the variety-test plots that was conducted during the past year.



Geo. McHoes, Pleasant Valley Community---Corn Variety Test Co-operator and Registered Pure Seed Grower.