The STATE COLLEGE of WASHINGTON

SEED LAB.

Extension Service
Institute of Agricultural Sciences
THE STATE COLLEGE OF WASHINGTON
Pullman, Washington
Joe did know that to get a good yield he had to have good seed, and he also knew that he needed pure seed to be sure his yield wasn’t weedy or full of other crops.

But Joe didn’t know how to be sure that the seed he used was pure and would germinate—that is until he took some seed and visited the Washington State College Seed Lab.

Joe found there are several different kinds of tests the Seed Lab will run on seed samples, but the two main types are the Germination and the Purity tests.

The Germination Test

Joe found that the Germination test was just planting seeds to see how many of them would produce healthy sprouts.

Healthy Sprout    Sickly Sprout
The Purity Test

In making a Purity test of the sample of seed Joe brought and other samples that he later sent in, a small portion of the seed is separated into these four parts:

Pure Seeds
Inert Matter
Weed Seeds
Other Crop Seeds

The percentage by weight was determined for each of the four portions and all foreign seeds identified. A large part of the sample was examined for noxious weed seeds.

In this way Joe knows whether or not there are any weeds or stray crop plants in his fields and can take steps to get rid of them. Joe wants to cut down the risk of spreading weeds which may be in his seed and fields. He doesn’t want an infestation to start that might take years to stamp out. Joe wants his fields just as clean as possible.

He is "PURE-SEED CONSCIOUS."

You can be pure-seed conscious, too. Let your Seed Lab help you!
Joe also discovered that the Seed Lab can be of service to people in other ways.

It will run Germination tests on his garden or flower seed.

**OR**

It will provide a guarantee and safeguard if the seed he buys and sells is tested and labelled as to its purity and germination.

**OR**

It will identify strange plants or seeds that he may find.

**Joe found out**

that every resident or company in the state of Washington is entitled to four free purity or germination tests a year.

**THE SEED LAB IS FOR YOU . . . WHY NOT USE IT?**