

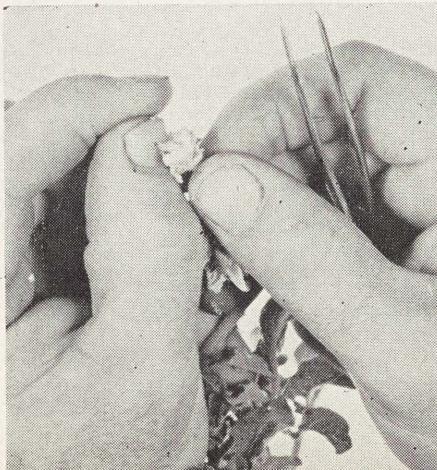
# NDAC



# NORLAND

One of the three new potato varieties released by the NDAC horticulture department in 1957. This early maturing variety has a bright red skin, high yielding ability, excellent tuber type and desirable cooking and storage qualities.

Controlled hand pollination of potato flowers. 250 or more combinations are made in the greenhouse at NDAC each winter in an attempt to obtain desired characters of both parents.



Bob Johansen, potato breeder at NDAC, inside the greenhouse.

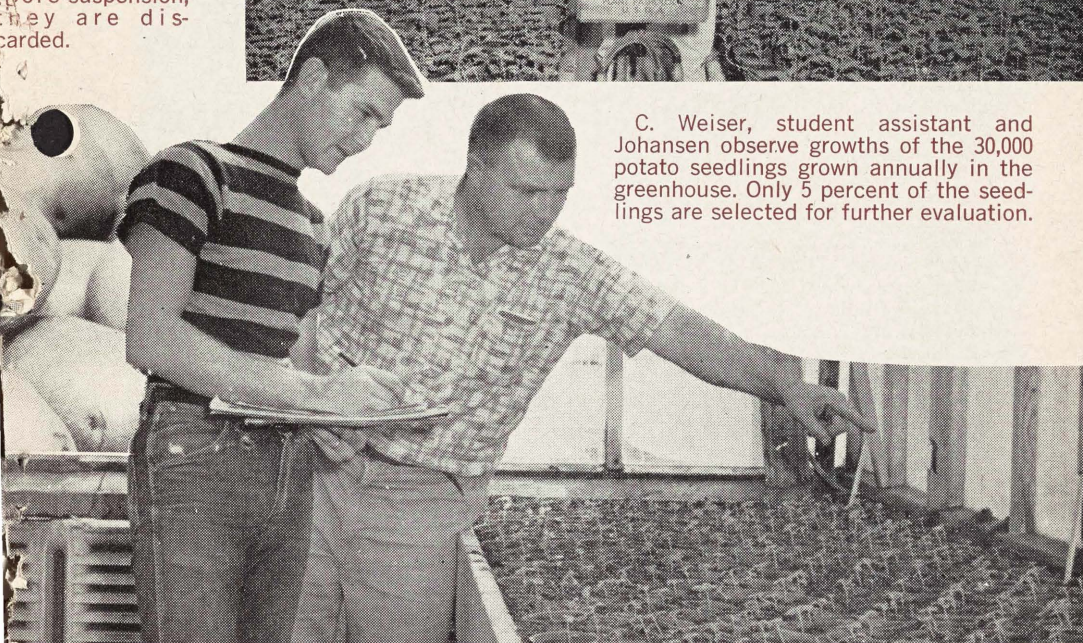


# NDAC develops new potato varieties

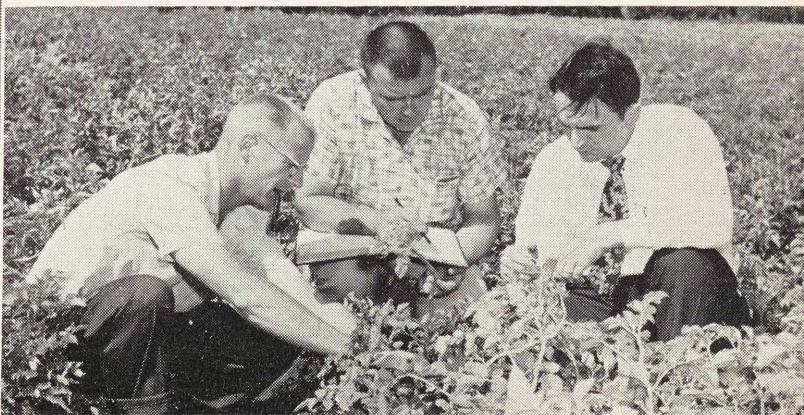
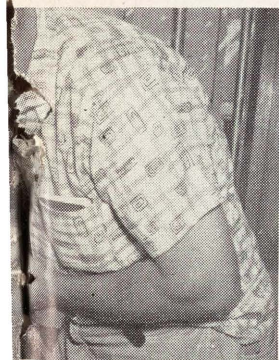
Dr. W. G. Hoyman, USDA potato pathologist, is looking for late blight resistance. If the seedlings show symptoms within 4 or 5 days after being sprayed with the blight spore suspension, they are discarded.



C. Weiser, student assistant and Johansen observe growths of the 30,000 potato seedlings grown annually in the greenhouse. Only 5 percent of the seedlings are selected for further evaluation.



Performance and disease resistance are checked by N. Sandar, Johansen and C. Cotrufo. Nordak and Norgleam, two of the new varieties released by NDAC, have field resistance to virus Y.



...ates potato seedlings.  
...e's checking suscepti-  
...ity to virus X disease.