

JUN 4 1984 RECEIVED

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UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Research Service
Washington, D. C.

and

AGRICULTURAL RESEARCH CENTER
Washington State University
Pullman, Washington

and

IDAHO AGRICULTURAL EXPERIMENT STATION
University of Idaho
Moscow, Idaho

RELEASE OF LATAH 81 DRY PEA

The Agricultural Research Service of the United States Department of Agriculture, the Washington Agricultural Research Center, and the Idaho Agricultural Experiment Station agree to release a new dry pea cultivar to certified seed growers. 'Latah 81', known as PS810033, was developed by the Agricultural Research Service, U. S. Department of Agriculture in cooperation with the Agricultural Research Center of Washington State University. Latah 81 is an F_2 derived line from the fourth backcross of 'Latah' with Wis 7105, a breeding line immune to pea seedborne mosaic virus. Latah, the recurrent parent, is a late flowering (14th node), smooth yellow-seeded cultivar used extensively for dry pea production in eastern Washington, northern Idaho, and northeastern Oregon. Wis 7105 was developed by the Wisconsin Agricultural Experiment Station.

Latah 81 was increased and tested as PS810033 in eastern Washington and northern Idaho beginning in 1981 and in Pacific Northwest Regional Nurseries beginning in 1983. When compared with Latah, Latah 81 is higher yielding (33%), flowers in about the same node (14th), and is about the same height (100 cm). One hundred seeds have averaged 18.7 grams for Latah 81 compared to 19.8 grams for Latah (Data tables attached).

Besides immunity to pea seedborne mosaic virus, Latah 81 is resistant to Fusarium wilt race 1 and tolerant to pea root rot.

Latah 81 has excellent canning qualities after rehydration as determined by canning tests conducted by Dr. Steve Drake at Prosser, Washington.

Breeder seed of Latah 81 will be maintained by the Washington State Crop Improvement Association. Foundation seed will be available from the Washington State Crop Improvement Association, Washington State University, Pullman, Washington 99164.

Release date for publicity purposes shall be effective on the date of final signature of the release notice.