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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

and

OREGON AGRICULTURAL EXPERIMENT STATION
Oregon State University
Corvallis, Oregon

RELEASE OF A COMMERCIAL CULTIVAR OF DESI CHICKPEA, SARAH

The Agricultural Research Service of the United States Department of Agriculture, the Washington Agricultural Research Center, the Idaho Agricultural Experiment Station and the Oregon Agricultural Experiment Station announce the release and naming of a desi chickpea cultivar designated as 'Sarah'. Sarah was developed by the U. S. Department of Agriculture, Grain Legume Genetics and Physiology Research Unit at Pullman, Washington, in cooperation with the College of Agriculture, Agricultural Research Center of Washington State University.

Sarah was developed by pure line selection from C-235 (PI315787), an accession originating from India, that was obtained from the USDA-ARS Regional Plant Introduction Station at Pullman, Washington. Sarah was entered into yield tests in 1983. Advanced yield tests and evaluations for Ascochyta blight resistance that included Sarah were conducted at several sites in eastern Washington and northern Idaho from 1983 to 1989.

Sarah produced equal or better yields when compared to other desi chickpeas from 1983 to 1989. Sarah has a branched upright growth habit with fern type leaves. Sarah flowers in 56 days and is early maturing. Sarah matures in about 110 days from planting, which is earlier than most cultivars. Sarah has reddish-tan seeds that are uniform in size and weigh about 15.8 grams per 100 seeds. Cotyledons are bright yellow. Sarah has good drought tolerance and has performed well in shallow soils that are common in some of the more eroded areas of the Palouse region. Sarah has excellent tolerance to Ascochyta blight.

Breeder seed of Sarah 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.

M. E. Carter

for Administrator
Agricultural Research Service
U. S. Department of Agriculture

JUL 6 1990

Date

D. Oldenstadt

for Director
Agricultural Research Center
Washington State University

5-30-90

Date

Ann A Lee

Director
Agricultural Experiment Station
University of Idaho

6-5-90

Date

JR Dutton

Director
Agricultural Experiment Station
Oregon State University

6-14-90

Date