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CONNECTICUT AGRICULTURAL EXPERIMENT STATION

NEW HAVEN, CONN.

BULLETIN 191, APRIL, 1916.

TESTS OF SOY BEANS, 1915.

By E. H. JENKINS, JOHN PHILLIPS STREET AND
C. D. HUBBELL.



Corn and Soy Beans at Mt. Carmel.

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TESTS OF SOY BEANS IN 1915.

BY E. H. JENKINS,* JOHN PHILLIPS STREET
AND C. D. HUBBELL

This Bulletin is a continuation of the study of the soy bean under Connecticut conditions, which has been carried on for some years and has been described in part in Bulletins 179 and 185. It presents the data gathered in 1915.

YIELD OF SEED FROM NEW, UNNAMED VARIETIES.

Twenty varieties, chiefly new introductions, as yet unnamed, were grown in 1915 in cooperation with the Bureau of Plant Industry of the U. S. Department of Agriculture, to determine their period of growth and yield of seed. It was not possible to determine their yield of forage. The results are given in Table I.

These varieties were planted May 26 in rows 30 inches apart, plants standing about 4 inches apart in the row. The calculated area for each variety was 250 square feet or only $\frac{1}{174}$ of an acre. Soy beans had been grown on this same land for two years previously, between the trees in an apple orchard five years old. This land was dressed in 1915 with 45 pounds of nitrogen and 95 pounds of phosphoric acid in form of nitrate of soda, acid phosphate and tankage. No potash was applied because of its scarcity and high price.

TABLE I. UNNAMED VARIETIES OF SOY BEANS GROWN IN 1915.

No.	Date of Blossom.	Days to Maturity.	Yield per Acre in Bushels.
37063	July 12	97	19.6
36914	" 14	97	18.6
36919	" 18	100	26.1
36653	" 14	100	22.9

* Mr. C. D. Hubbell, the farm manager, has had charge of the field work and gathering the field data, the chemical work has been done under the direction of Mr. J. P. Street, chief chemist, and the results have been arranged and discussed by the director.