Tekoa, the first improved variety of lentils developed in the United States, was cooperatively released by the Washington and Idaho Experiment Stations and USDA. It was derived from P.I. 251784 at the Washington station. The plants are 12-14 inches tall with a weakly upright growth habit. The seed is about one-fourth larger, less mottled and more uniform in color than seed of lines now grown commercially. The cotyledons are yellow but similar in cooking qualities. In 1965-69 yield tests, Tekoa exceeded commercial lines some 50 pounds per acre.