List of Available Federal Programs and Resources for the Expansion of Broadband Internet Access Service on Unserved Agricultural Land

Below is a list of all federal programs or resources available for the expansion of broadband Internet access service on unserved agricultural land. This list may be useful to agricultural producers, broadband providers, communities, consumers, local, state and tribal governments, and others interested in connectivity for precision agriculture. In addition, the Federal Communications Commission (FCC) and Secretary of Agriculture are jointly providing this list via Web publication to the forthcoming Task Force for Reviewing the Connectivity and Technology Needs of Precision Agriculture in the United States to assist it in carrying out its duties, consistent with section 12511(b)(3)(E) of the Agriculture Improvement Act of 2018, Pub.L. 115-334, 132 Stat 4490.

The source for the list below is the comprehensive guide to all federal programs that support broadband expansion and adoption, compiled by the National Telecommunications and Information Administration (NTIA) based on input from the FCC, the Department of Agriculture (USDA), and other federal agencies and departments. Federal funding programs change over time, and readers of the list below should visit the website of the relevant federal agency for more information on the program's objectives, timeframes, and suitability for precision agriculture connectivity.

In addition to NTIA's guide and the list below, other useful resources are the American Broadband Initiatives Milestone Report, USDA's A Case for Rural Broadband, the FCC's Fixed Broadband Deployment Map, and the Universal Service Administrative Company's Connect America Fund Broadband Map.

List of Available Federal Programs and Resources for the Precision Ag Connectivity Task Force	
Federal Agency	**Program Name**
Appalachian Regional Commission	Distressed Counties
Appalachian Regional Commission	Partnerships for Opportunity and Workforce and Economic Revitalization (POWER)
Appalachian Regional Commission	Telecommunications: Information Age Appalachia
U.S. Department of Transportation	BUILD (F/k/a TIGER)
U.S. Department of Treasury Office of the Comptroller of the Currency	Community Reinvestment Act (CRA)
Delta Regional Authority	Community Infrastructure Fund
Delta Regional Authority	States Economic Development Assistance Program
Federal Communications Commission	Universal Service Fund
Northern Border Regional Commission	Economic & Infrastructure Development Program

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Federal Agency	**Program Name**
National Science Foundation	[Platforms for Advanced Wireless Research](#)
National Science Foundation	[Smart and Connected Communities](#)
National Science Foundation	[US Ignite including Smart Gigabit Communities, NSF Wireless Innovation for a Networked Society (WINS) Challenges](#)
USDA Rural Business Service	[Rural Economic Development Loan and Grant Program](#)
USDA Rural Business-Cooperative Service	[Business and Industry (B&I) Guaranteed Loan Program](#)
USDA Rural Housing Service - Community Facilities	[Rural Housing Service (RHS) Community Facilities (CF) Direct Loan and Grant Program](#)
USDA Rural Housing Service - Community Facilities	[Community Facilities (CF) Guaranteed Loan Program](#)
USDA Rural Utilities Service	[Rural eConnectivity Pilot Program (ReConnect)](#)
USDA Rural Utilities Service	[Community Connect Grant Program](#)
USDA Rural Utilities Service	[Rural Broadband Access Loan and Loan Guarantee Program (Broadband Program)](#)
USDA Rural Utilities Service	[Telecom Infrastructure Loan Program](#)