

Organization	Researcher	TECHNOLOGY Project Title	Yrs	WTFRC Apple	FPC/PPC Pear	2023 Total Funding
Continuing Technology Research Funding						
Advanced Farm Technologies	Ferguson	Automated Apple Harvester	22-24	\$ 140,000.00		\$ 140,000.00
WSU-Prosser	Sallato	Soil and Plant Diagnostic Technology for Smart Nutrient Management	23-24	\$ 18,094.00		\$ 18,094.00
USDA-ARS	Bierer	Insights into Regulated Deficit Irrigation on Apple Growth and Color Development	23-25	\$ 40,557.00		\$ 40,557.00
OSU-ARF	Davidson	Integrated Sensing and Real-Time Control for Intelligent Fruit Picking	23-25	\$ 81,836.00		\$ 81,836.00
WSU	Luo	Low-Cost, Reliable Soft Arm for Robotic Tree Fruit Operations (Phase 2)	23-24	\$ 110,010.00		\$ 110,010.00
Total Continuing Technology Research				\$ 390,497.00	\$ -	\$ 390,497.00
New Technology Research Funding						
Honaas	USDA-ARS	Granny- Image Based Analysis of Fruit Quality	24-25	\$ 77,176.00		\$ 77,176.00
Guo	University of Tokyo	3D Orchard Mapping and Renewal Pruning Using a Drone and Ground Robot	24-26	\$ 100,000.00		\$ 100,000.00
Khot	WSU	Smart Apple Orchard: Technology Testbed and Demonstration Site	24-26	\$ 75,901.00		\$ 75,901.00
Harvey	The Yield	Robotics Ready Data Standard for Washington Apples	24	\$ 75,000.00		\$ 75,000.00
Total New Technology Research				\$ 328,077.00	\$ -	\$ 328,077.00
Total Continuing and New Technology Research				\$ 718,574.00		\$ 718,574.00