

Nuclear and Generation 1 Lab Testing Fees and Certification Requirements
(Colorado Potato Certification Service)

Description	Disease	Test Type	Tissue Type	# tubers/leaves per sample	1st Sample		Each Additional sample		Cost per 400 tuber sample	
					Colorado Certified Seed Grower	Non Seed Grower	Colorado Certified Seed Grower	Non Seed Grower	Colorado Certified Seed Grower	Non Seed Grower
Mother Plants^ and Clonebanks^	PVX, S, Y, A, M, M-ID, PMTV, PLRV, TSWV, PotLV, PSTV, Cms, & Pec	ELISA	Leaf	1	\$52.00/test + PSTV \$4.00/test	-	-	-	-	-
Nuclear^ (PCS Maintenance)	PVX, S, &, M, TSWV, Cms, & Pec	ELISA	Leaf	1-5	\$52.00/test	-	-	-	-	-
Greenhouse foliage^	PVX, S, &, TSWV, or any other virus requested using ELISA	ELISA	Leaf	1-5 (10 min. to 1% of plant population)	\$3.00	-	\$3.00	-	-	-
Greenhouse tubers (Pectobacterium sp.)^	Pec (lenticel)		Tuber	1 (10 min. to 0.5% of plant population)	\$0.75	-	\$0.75	-	-	-
Greenhouse tubers (Bacterial Ring Rot)^	Cms	IFAS and/or ELISA	Tuber	up to 100 per group (10 min. to 1% of plant population)	\$16.00	-	\$16.00	-	-	-
Greenhouse Inspections^ (Certified Seed Growers who are not entering field acres for certification)		Visual Inspection within and outside the Area II Marketing Order Region	-	-	\$300/visit in Area II Mkt. Order Region \$400/visit outside Area II Mkt. Order Region	-	-	-	-	-
Greenhouse Inspections^		Visual Inspection	-	1% of Plant Population	\$.01/Plantlet	-	-	-	-	-
G1 Field Foliage^ (both viruses are tested for)	PVX, PVS	ELISA	Leaf	1-5	\$7.00	-	\$7.00	-	-	-

These are base prices. Costs may increase if partial plates are utilized. The prices listed above are on an "at cost basis" for Colorado Certified Seed growers only. Services provided to outside PCS customers will be billed on a retail cost basis.

^Requires additional testing to qualify for certification.

^^Tests available: Potato viruses X, S, Y, A, and M, M-Idaho, PotLV (potato latent virus), PLRV (potato leafroll virus), PSTV (potato spindle tuber viroid), TSWV (tomato spotted wilt virus), Cms (*Clavibacter michiganensis* subs. *sepedonicus*), Pec (*Pectobacterium carotovora* subsp.)

^^^Fees subject to change if multiple tests are required to obtain accurate results, due to the variability of virus within the tuber.