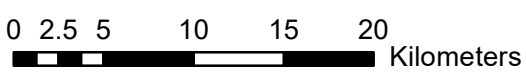
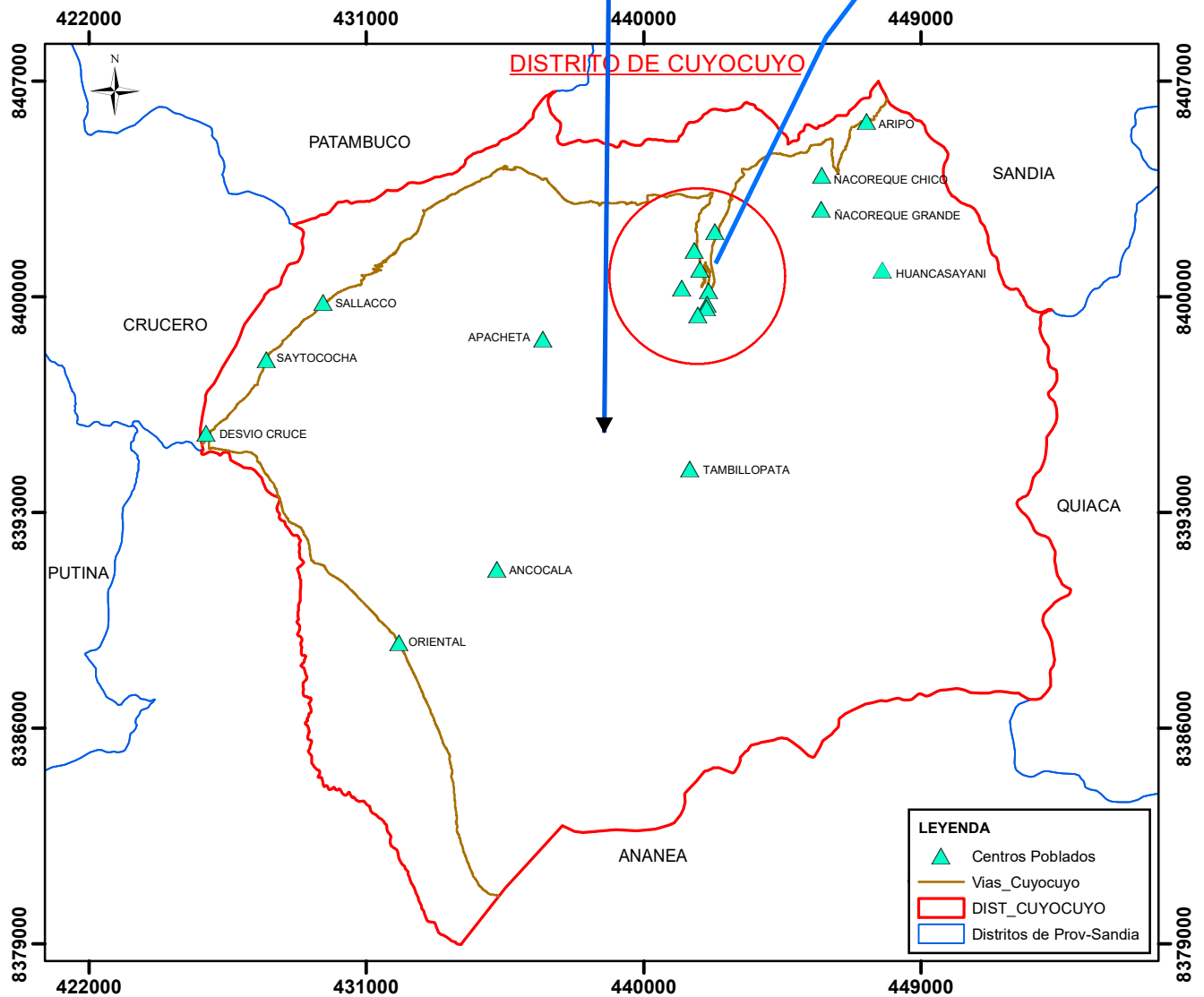
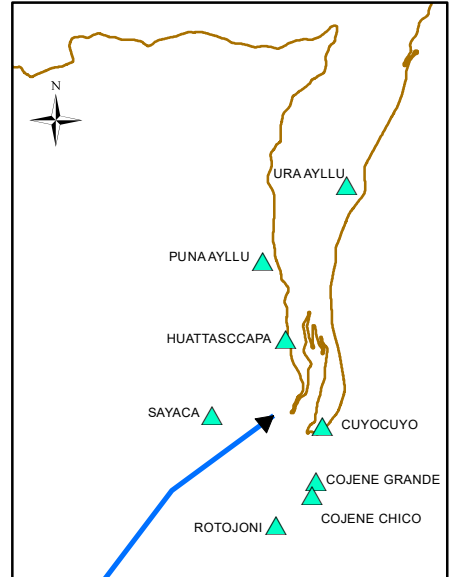
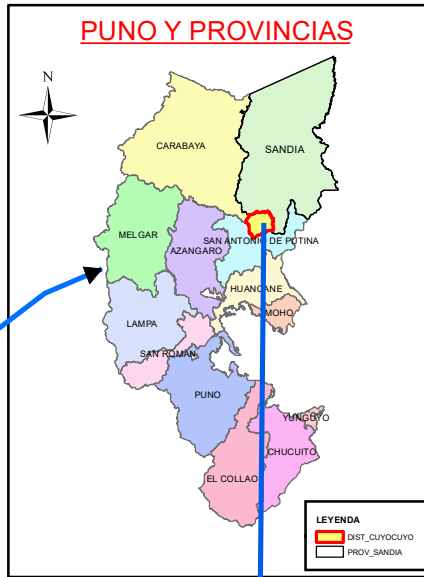
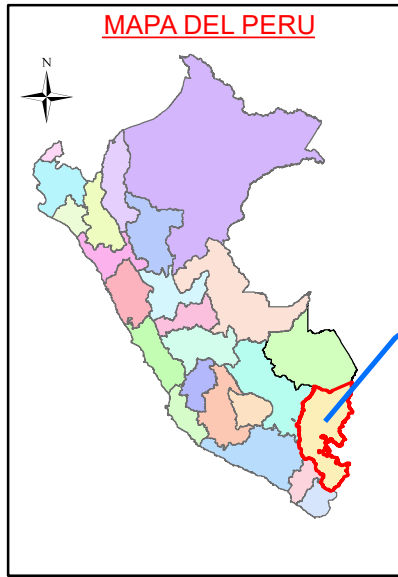


# MAPA DE UBICACION DE PROYECTO



	UNIVERSIDAD NACIONAL DEL ALTIPLANO	PLANO DE UBICACIÓN	
	FACULTAD DE INGENIERIA AGRICOLA	DISTRITO: CUYOCUYO	
	ESCALA: INDICADA	PROVINCIA: SANDIA	
		DEPARTAMENTO: PUNO	

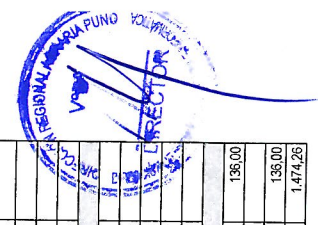


PUNO: SERIE HISTORICA DE PRODUCCION AGRICOLA

CUYOCUYO

DISTRITO:

VARIABLE	1996/1997	1997/1998	1998/1999	1999/2000	2000/2001	2001/2002	2002/2003	2003/2004	2004/2005	2005/2006	2006/2007	2007/2008	2008/2009	2009/2010	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018		
<b>CAMPAÑA AGRICOLA</b>																								
<b>ARRACACHA</b>																								
Siembras (Ha.)					3,00	4,00	4,00	4,00	3,00	3,00	3,00	5,00	5,00	5,00	6,00	6,00	6,00	6,00	6,00	6,00	6,00	9,00	9,00	
Cosechas (Ha.)					3,00	4,00	4,00	4,00	3,00	3,00	3,00	5,00	5,00	5,00	6,00	6,00	6,00	6,00	6,00	6,00	6,00	9,00	9,00	
Rendimiento (Kg./Ha.)					7.000,00	7.500,00	8.250,00	8.500,00	7.666,67	9.333,33	9.333,33	9.400,00	9.000,00	8.600,00	8.633,33	9.000,00	9.000,00	9.000,00	9.000,00	9.000,00	9.000,00	10.333,33	10.666,67	
Produccion (T.)					21,00	30,00	33,00	34,00	23,00	28,00	28,00	47,00	45,00	43,00	53,00	54,00	54,00	54,00	54,00	54,00	54,00	93,00	98,00	
Precio Chacra(S/Kg.)					0,55	0,55	0,55	0,55	0,53	0,54	0,54	0,54	0,54	0,54	0,92	0,92	0,92	0,90	0,90	0,90	0,90	0,70	0,70	
<b>ARVEJA GRANO SECO</b>																								
Siembras (Ha.)																								
Cosechas (Ha.)																								
Rendimiento (Kg./Ha.)																								
Produccion (T.)																								
Precio Chacra(S/Kg.)																								
<b>CALABAZA</b>																								
Siembras (Ha.)						1,00	2,00	2,00	2,00	2,00	3,00	3,00	3,00	3,00	5,00	5,00	2,00	4,00	6,00	6,00	6,00	6,00	6,00	
Cosechas (Ha.)						1,00	2,00	2,00	2,00	2,00	3,00	3,00	3,00	3,00	5,00	5,00	2,00	4,00	6,00	6,00	6,00	6,00	6,00	
Rendimiento (Kg./Ha.)						9.000,00	9.500,00	10.500,00	9.500,00	12.000,00	9.666,67	8.666,67	9.333,33	9.333,33	9.200,00	9.400,00	9.500,00	9.500,00	9.633,33	9.500,00	9.500,00	9.633,33	9.500,00	
Produccion (T.)						9,00	19,00	21,00	19,00	24,00	29,00	26,00	28,00	28,00	46,00	47,00	19,00	38,00	57,60	57,60	57,60	58,10	61,20	
Precio Chacra(S/Kg.)						0,41	0,41	0,41	0,41	0,42	0,41	0,41	0,42	0,44	0,45	0,46	0,40	0,35	0,40	0,40	0,40	0,50	0,50	
<b>CHOCHO O TARRHI GRANO SECO</b>																								
Siembras (Ha.)																								
Cosechas (Ha.)																								
Rendimiento (Kg./Ha.)																								
Produccion (T.)																								
Precio Chacra(S/Kg.)																								
<b>FRIJOL GRANO SECO</b>																								
Siembras (Ha.)																								
Cosechas (Ha.)																								
Rendimiento (Kg./Ha.)																								
Produccion (T.)																								
Precio Chacra(S/Kg.)																								
<b>HABA GRANO SECO</b>																								
Siembras (Ha.)	12,00	37,00	34,00	22,00	39,00	35,00	28,00	40,00	35,00	46,00	50,00	56,00	57,00	62,00	60,00	80,00	120,00	100,00	120,00	125,00	127,00	126,00	126,00	
Cosechas (Ha.)	12,00	37,00	34,00	22,00	39,00	35,00	28,00	40,00	35,00	46,00	50,00	56,00	57,00	62,00	60,00	80,00	120,00	100,00	120,00	125,00	127,00	126,00	126,00	
Rendimiento (Kg./Ha.)	916,67	864,86	1.073,53	1.136,36	1.128,21	1.171,43	1.142,86	1.250,00	1.285,71	1.086,96	1.500,00	1.321,43	1.388,42	1.403,23	1.400,00	1.362,50	1.362,50	1.350,00	1.367,50	1.416,00	1.433,07	1.436,51	1.436,51	
Produccion (T.)	11,00	32,00	36,50	25,00	44,00	41,00	32,00	50,00	45,00	50,00	75,00	74,00	78,00	87,00	84,00	109,00	166,00	135,00	164,10	177,00	182,00	181,00	181,00	
Precio Chacra(S/Kg.)	0,76	0,77	0,80	0,82	0,82	0,89	0,89	0,89	0,89	1,01	1,01	1,24	1,27	2,00	2,13	2,21	2,40	2,20	2,40	2,10	2,26	2,10	2,10	
<b>HABA GRANO VERDE</b>																								
Siembras (Ha.)	18,00	8,00	8,00	23,00	3,00	7,00	17,00	5,00	5,00	9,00	5,00	5,00	5,00	5,00										
Cosechas (Ha.)	18,00	8,00	8,00	23,00	3,00	7,00	17,00	5,00	5,00	9,00	5,00	5,00	5,00	5,00										
Rendimiento (Kg./Ha.)	4.444,44	5.875,00	4.625,00	6.130,43	5.666,67	6.714,29	6.764,71	6.000,00	6.800,00	7.000,00	7.200,00	7.000,00	7.200,00	7.200,00										
Produccion (T.)	80,00	47,00	37,00	141,00	17,00	47,00	115,00	30,00	34,00	63,00	36,00	35,00	36,00	36,00										
Precio Chacra(S/Kg.)	0,53	0,52	0,50	0,52	0,54	0,55	0,45	0,45	0,56	0,54	0,51	0,52	0,67	0,67										
<b>MAIZ AMARILLO DURO</b>																								
Siembras (Ha.)																								
Cosechas (Ha.)																								
Rendimiento (Kg./Ha.)																								
Produccion (T.)																								
Precio Chacra(S/Kg.)																								
<b>MAIZ AMIJADO</b>																								
Siembras (Ha.)																								
Cosechas (Ha.)																								
Rendimiento (Kg./Ha.)																								
Produccion (T.)																								
Precio Chacra(S/Kg.)																								
<b>Sup. Perdida (Ha.)</b>																								
Siembras (Ha.)	310,00	120,00	35,00	182,00	179,00	146,00	149,00	153,00	173,00	175,00	180,00	170,00	170,00	172,00	167,00	170,00	145,00	145,00	140,00	110,00	108,00	136,00	136,00	
Cosechas (Ha.)	310,00	120,00	33,00	182,00	179,00	146,00	149,00	153,00	173,00	175,00	180,00	170,00	170,00	172,00	167,00	170,00	145,00	145,00	140,00	110,00	108,00	136,00	136,00	
Rendimiento (Kg./Ha.)	1.146,39	1.141,97	1.212,12	1.361,65	1.402,23	1.479,45	1.503,36	1.529,41	1.563,92	1.428,57	1.564,44	1.547,06	1.517,95	1.598,84	1.676,65	1.705,98	1.731,03	1.646,28	1.692,96	1.472,73	1.472,73	1.472,73	1.472,73	







PUNO: SERIE HISTORICA DE PRODUCCION AGRICOLA

DISTRITO: CUYUCUYO

CULTIVO	CAMPAÑA AGRICOLA																						
	1996/1997	1997/1998	1998/1999	1999/2000	2000/2001	2001/2002	2002/2003	2003/2004	2004/2005	2005/2006	2006/2007	2007/2008	2008/2009	2009/2010	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	
MAIZ CHOCLO	356.00	137.00	40.00	246.00	251.00	216.00	224.00	234.00	274.00	250.00	287.00	263.00	256.00	275.00	280.00	290.00	251.00	239.00	237.00	162.00	159.00	209.50	184.00
Precio Chacra(S/Kg)	0.99	1.00	1.01	1.03	1.05	1.04	1.05	1.05	1.05	1.05	1.04	1.03	1.26	1.54	1.66	2.10	2.20	2.20	2.30	1.60	1.76	1.76	1.84
Siembras (Ha.)	3.00	1.00	1.00	3.00	1.00	4.00							6.00	5.00									
Cosechas (Ha.)	3.00	1.00	1.00	3.00	1.00	4.00							6.00	5.00									
Rendimiento (Kg./Ha.)	6,000.00	5,000.00	6,250.00	6,250.00	6,250.00	6,250.00					6,200.00	6,333.33	6,200.00	6,200.00	6,200.00	6,200.00	6,200.00	6,200.00	6,200.00	6,200.00	6,200.00	6,200.00	6,200.00
Produccion (T.)	18.00	5.00	25.00	19.00	6.25	25.00					31.00	62.00	38.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00
Precio Chacra(S/Kg)	1.03	1.05	1.07	1.03	1.05	1.04	1.05	1.05	1.05	1.05	1.04	1.03	1.26	1.54	1.66	2.10	2.20	2.20	2.30	1.60	1.76	1.76	1.84
MAISHUA O IZANO	9.00	8.00	10.00	10.00	15.00	14.00	12.00	10.00	7.00	7.00	9.00	8.00	10.00	10.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00
Siembras (Ha.)	120.00	120.00	120.00	120.00	120.00	125.00	120.00	120.00	135.00	135.00	139.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00
Cosechas (Ha.)	120.00	120.00	120.00	120.00	120.00	125.00	120.00	120.00	135.00	135.00	139.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00
Rendimiento (Kg./Ha.)	7,450.00	5,708.33	6,951.22	7,823.08	7,148.44	6,616.00	8,134.92	8,083.33	7,977.78	7,510.29	8,503.60	8,800.00	8,185.05	8,678.57	8,551.72	8,600.00	8,688.99	8,666.67	8,711.11	8,577.78	8,626.51	8,681.33	8,681.33
Produccion (T.)	894.00	685.00	855.00	1,017.00	915.00	1,077.00	1,025.00	970.00	1,077.00	1,035.00	1,182.00	1,188.00	1,188.00	1,188.00	1,188.00	1,188.00	1,188.00	1,188.00	1,188.00	1,188.00	1,188.00	1,188.00	1,188.00
Precio Chacra(S/Kg)	0.66	0.65	0.64	0.63	0.64	0.63	0.62	0.60	0.63	0.60	0.60	0.74	0.69	1.19	1.22	1.23	1.06	0.96	0.96	0.96	1.02	1.20	1.27
OLLUCO	12.00	20.00	21.00	22.00	22.00	21.00	21.00	22.00	24.00	27.00	32.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
Siembras (Ha.)	12.00	20.00	21.00	22.00	22.00	21.00	21.00	22.00	24.00	27.00	32.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
Cosechas (Ha.)	12.00	20.00	21.00	22.00	22.00	21.00	21.00	22.00	24.00	27.00	32.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
Rendimiento (Kg./Ha.)	5,833.33	5,200.00	5,476.19	6,090.91	7,409.09	7,619.05	7,666.67	7,454.55	8,208.33	6,651.65	7,468.75	7,500.00	6,734.38	8,096.77	8,030.77	8,675.00	7,860.00	7,866.36	7,866.36	7,866.36	7,866.36	7,866.36	7,866.36
Produccion (T.)	70.00	104.00	115.00	134.00	163.00	160.00	161.00	164.00	197.00	185.00	239.00	225.00	205.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00
Precio Chacra(S/Kg)	0.58	0.61	0.63	0.65	0.62	0.62	0.60	0.59	0.61	0.58	0.60	0.97	0.98	1.30	1.24	1.25	0.96	0.96	0.96	1.00	1.30	2.00	2.27
PAPA	730.00	810.00	635.00	570.00	555.00	485.00	537.00	530.00	538.00	522.00	530.00	533.00	551.00	633.00	799.00	910.00	900.00	910.00	900.00	900.00	865.00	939.00	939.00
Siembras (Ha.)	730.00	810.00	635.00	570.00	555.00	485.00	537.00	530.00	538.00	522.00	530.00	533.00	551.00	633.00	799.00	910.00	900.00	910.00	900.00	900.00	865.00	939.00	939.00
Sup. Perdida (Ha.)																							
Cosechas (Ha.)	730.00	810.00	635.00	570.00	555.00	485.00	537.00	530.00	538.00	522.00	530.00	533.00	551.00	633.00	799.00	910.00	890.00	910.00	910.00	900.00	865.00	939.00	939.00
Rendimiento (Kg./Ha.)	7,100.00	6,283.95	8,359.06	9,975.44	8,974.68	11,125.71	10,836.13	10,447.17	10,358.74	10,300.77	11,760.38	12,277.67	13,303.09	13,580.82	12,316.65	12,161.54	11,843.96	11,843.96	11,843.96	13,576.56	16,343.35	16,224.29	16,970.18
Produccion (T.)	5,183.00	5,090.00	5,308.00	5,686.00	4,983.00	5,396.00	5,819.00	5,537.00	5,573.00	5,377.00	6,233.00	6,544.00	7,330.00	8,594.00	9,841.00	11,067.00	10,649.00	10,778.00	10,778.00	12,216.00	14,137.00	15,244.00	15,935.00
Precio Chacra(S/Kg)	0.48	0.50	0.54	0.51	0.55	0.42	0.43	0.45	0.52	0.61	0.54	0.60	0.74	0.95	1.24	1.25	0.96	0.96	1.00	1.30	2.10	2.00	2.27
YACON	4.00	4.00	4.00	4.00	4.00	3.00	4.00	4.00	5.00	24.00	20.00	20.00	18.00	18.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00
Siembras (Ha.)	4.00	4.00	4.00	4.00	4.00	3.00	4.00	4.00	5.00	24.00	20.00	20.00	18.00	18.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00
Cosechas (Ha.)	4.00	4.00	4.00	4.00	4.00	3.00	4.00	4.00	5.00	24.00	20.00	20.00	18.00	18.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00
Rendimiento (Kg./Ha.)	8,500.00	8,750.00	8,750.00	8,750.00	8,250.00	8,666.67	8,250.00	7,200.00	7,840.00	9,666.67	9,100.00	10,055.56	8,500.00	8,500.00	8,690.00	9,040.00	9,000.00	9,000.00	9,000.00	9,000.00	9,000.00	9,000.00	9,000.00
Produccion (T.)	34.00	35.00	35.00	35.00	33.00	26.00	33.00	36.00	39.00	232.00	182.00	194.00	181.00	181.00	217.00	226.00	226.00	226.00	226.00	226.00	226.00	226.00	226.00
Precio Chacra(S/Kg)	0.43	0.44	0.44	0.45	0.45	0.46	0.46	0.46	0.45	0.45	0.44	0.55	0.58	0.80	0.88	0.91	0.91	0.91	0.91	0.91	0.70	0.90	0.60
ZAPALLO	4.00	4.00	4.00	4.00	4.00	3.00	4.00	4.00	5.00	24.00	20.00	20.00	18.00	18.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00
Siembras (Ha.)	4.00	4.00	4.00	4.00	4.00	3.00	4.00	4.00	5.00	24.00	20.00	20.00	18.00	18.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00
Cosechas (Ha.)	4.00	4.00	4.00	4.00	4.00	3.00	4.00	4.00	5.00	24.00	20.00	20.00	18.00	18.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00
Rendimiento (Kg./Ha.)	8,500.00	8,750.00	8,750.00	8,750.00	8,250.00	8,666.67	8,250.00	7,200.00	7,840.00	9,666.67	9,100.00	10,055.56	8,500.00	8,500.00	8,690.00	9,040.00	9,000.00	9,000.00	9,000.00	9,000.00	9,000.00	9,000.00	9,000.00
Produccion (T.)	34.00	35.00	35.00	35.00	33.00	26.00	33.00	36.00	39.00	232.00	182.00	194.00	181.00	181.00	217.00	226.00	226.00	226.00	226.00	226.00	226.00	226.00	226.00
Precio Chacra(S/Kg)	0.43	0.44	0.44	0.45	0.45	0.46	0.46	0.46	0.45	0.45	0.44	0.55	0.58	0.80	0.88	0.91	0.91	0.91	0.91	0.70	0.90	0.60	0.60

