

Annual Crop Yields - for BTC and South Caucasus Pipelines Compensation Calculation

Gardabani District

Below is crop yield data received from local Department of Agriculture in each district. The information was provided for each affected village, as yields vary across villages, and for irrigated and non-irrigated agricultural land. It is based on average yield per hectare of each crop over the last five years. Where there is no information, it is understood that people in that village do not grow that particular crop. If a farmer is growing a crop for which there is no information, the yield data will be worked out on a case-by-case basis.

BP will use these average yields as the basis for calculating crop compensation.

ANNUAL YIELD (x100kg/ha) - GARDABANI

Product	Jandara		Gardabani		Kesalo		Lemshvaniera		Akhali Samgori		Agtaklia		Ponichala		Kumisi		Teleti	
	Irrigated	Non-irrigated	Irrigated	Non-irrigated	Irrigated	Non-irrigated	Irrigated	Non-irrigated	Irrigated	Non-irrigated	Irrigated	Non-irrigated	Irrigated	Non-irrigated	Irrigated	Non-irrigated	Irrigated	Non-irrigated
Winter wheat(local)	30	18	30	18	30	18	30	18	30	18	30	18	30	18	30	18	30	18
Winter wheat (seed)	40	25	40	25	40	25	40	25	40	25	40	25	40	25	40	25	40	25
Winter wheat same ,but seed																		
Barley	25	15	25	15	25	15	25	15	25	15	25	15	25	15	25	15	25	15
Oats	20	10	20	10	20	10	20	10	20	10	10	10	20	10	30	10	20	10
Corn	45	25	45	25	45	25	45	25	45	25	45	25	45	25	45	25	45	25
Straw	30	25	30	15	30	15	30	15	30	15	30	15	30	15	30	15	30	15
Hay	60	30	60	30	60	30	60	30	40	30	60	30	60	30	60	30	60	30
Haricot																		
French beans																		
Soya beans (USA)																		
Soya beans (local)																		
Potatoes																		
Cabbage	280	100	280	100	280	100			280	100	280	100	280	100	280	100	280	100

Tomatoes	250	100	250	100	200	100	250	100	250	100	250	100	200	100	250	100	250	100
Cucumbers																		
Onions	200	100	200	100	200	100	200	100	200	100	200	100	200	100	200	100	200	100
Spring onions	150	70	150	70	150	70	150	70	150	70	150	70	150	70	150	70	150	70
Aubergines	70	30	70	30	70	30	70	30	70	30	70	30	70	30	70	30	70	30
Capsicum(peper)	50	30	50	30	50	30	50	30	50	30	50	30	50	30	50	30	50	30
Bulgarian capsicum	75	40	75	30	75	30	75	30	75	30	75	30	75	30	75	30	75	30
Carrot	180	50	180	50	180	50	180	50	180	50	180	50	180	50	180	50	180	50
Radish	300	100	300	100	300	100	300	100	300	100	300	100	300	100	300	100	300	100
Beetroot	300	100	300	30	300	100	300	100	300	100	300	100	300	100	300	100	300	100
Spinach	80	35	80	30	80	30	80	30	80	30	80	30	80	30	80	30	80	30
Coriander	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20
Saffron	40	15	40	15	40	15	40	15	40	15	40	15	40	15	40	15	40	15
Watermelon	400	200	400	200	400	200	400	200	400	200	400	200	400	200	400	200	400	200
Melon	200	150	200	150	200	150	200	150	200	150	200	150	200	150	200	150	200	150
Strawberry																		
Raspberry																		
Currant																		
Lucerne	100	40	100	40	100	40	100	40	100	40	100	40	100	90	100	40	100	40

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Marneuli District

Below is crop yield data received from local Department of Agriculture in each district. The information was provided for each affected village, as yields vary across villages, and for irrigated and non-irrigated agricultural land. It is based on average yield per hectare of each crop over the last five years. Where there is no information, it is understood that people in that village do not grow that particular crop. If a farmer is growing a crop for which there is no information, the yield data will be worked out on a case-by-case basis.

BP will use these average yields as the basis for calculating crop compensation.

ANNUAL YIELD (x100kg/ha) - MARNEULI

Product	Kizilajlo		Jandari	
	Irrigated	Non-irrigated	Irrigated	Non-irrigated
Winter wheat(local)	35	20	35	20
Winter wheat (seed)	40	30	40	30
Spring wheat(local)				
Sprint wheat (seed)				
Winter wheat	40		40	
same ,but seed	45		45	
Barley	25	20	25	20
Oats				
Corn	45	35	45	35
Straw	20	15	20	15
Hay	45	35	45	35
Haricot	100		100	
French beans	15		15	
Soya beans (USA)				
Soya beans (local)				
Potatoes	400		400	
Cabbage	400		400	
Tomatoes	400		400	
Cucumbers	350		350	
Onions	250		250	
Spring onions	150		150	
Aubergines	200		200	
Capsicum(peper)	150		150	
Bulgarian capsicum	150		150	

Carrot	300		300	
Radish	150		150	
Beetroot	100		100	
Spinach	100		100	
Coriander	100		100	
Saffron				
Watermelon	400		400	
Melon	300		300	
Strawberry	100		100	
Raspberry				
Currant				
Lucerne	150	100	150	100

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Tetrtskaro District

Below is crop yield data received from local Department of Agriculture in each district. The information was provided for each affected village, as yields vary across villages, and for irrigated and non-irrigated agricultural land. It is based on average yield per hectare of each crop over the last five years. Where there is no information, it is understood that people in that village do not grow that particular crop. If a farmer is growing a crop for which there is no information, the yield data will be worked out on a case-by-case basis.

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ANNUAL YIELD (x100kg/ha) - TETRITSKARO

Product	Tetrtskaro		Dageti		Iragi		Marabda		Khaishi		Tsintskaro		Koda		Maglisi		Akhalsopeli		
	Irrigated	Non-irrigated	Irrigated	Non-irrigated	Irrigated	Non-irrigated	Irrigated	Non-irrigated	Irrigated	Non-irrigated	Irrigated	Non-irrigated	Irrigated	Non-irrigated	Irrigated	Non-irrigated	Irrigated	Non-irrigated	
Winter wheat(local)		38		32		32		37		35		38		35					
Winter wheat (seed)		40		41		32		40		40		40		40					
Winter wheat same ,but seed		45		45		40		42				42		42					
Barley		28		28		30		30		27		28		28					
Oats		22				20		25		23		23		22					
Corn		52.7		28				50				52.5							
Straw		52.7		28				50				52.5							
Hay		32		35		35		35		31		41		34	40	40			40
Haricot				27															
French beans		17		18															
Soya beans (USA)																			
Soya beans (local)																			
Potatoes		132		125		150		140				130							140
Cabbage		450		450								445							
Tomatoes		420		400								410							
Cucumbers		125		130								122							
Onions		330		350								300							
Spring onions																			

Aubergines																			
Capsicum(peper)																			
Bulgarian capsicum																			
Carrot																			
Radish																			
Beetroot																			
Spinach																			
Coriander																			
Saffron																			
Watermelon																			
Melon																			
Strawberry																			
Raspberry																			
Currant																			
Lucerne				60											65	65			

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Tsalka District

Below is crop yield data received from local Department of Agriculture in each district. The information was provided for each affected village, as yields vary across villages, and for irrigated and non-irrigated agricultural land. It is based on average yield per hectare of each crop over the last five years. Where there is no information, it is understood that people in that village do not grow that particular crop. If a farmer is growing a crop for which there is no information, the yield data will be worked out on a case-by-case basis.

BP will use these average yields as the basis for calculating crop compensation.

ANNUAL YIELD (x100kg/ha) - TSALKA

Product	Gumbati		Rekha		Kizik Kilisa		Avranlo		Bashkoi		Beshtasheni	
	Irrigated	Non-irrigated	Irrigated	Non-irrigated	Irrigated	Non-irrigated	Irrigated	Non-irrigated	Irrigated	Non-irrigated	Irrigated	Non-irrigated
Winter wheat(local)	50	40	28	20	48	41	50	40	38	28	50	40
Winter wheat (seed)			28	20	40	37	47	35	28	21	47	35
Spring wheat(local)	47	35	25	19	39	33	50	45	35	25	50	45
Sprint wheat (seed)	50	45	25	19	35	30	50	40	29	21	50	40
Winter wheat same ,but seed	48	40	25	19	30	28	48	40	35	28	48	40
Barley	48	40	28	25	31	26	48	40	28	21	48	45
Oats	40	35	25	20	26	20	40	35	26	22	40	35
Corn												
Straw	28	25	18	15	16	12	35	33	18	15	35	33
Hay	40	35	25	20	28	20	40	33	16	14	40	38
Haricot	25	20	20	18	16	14	25	20	10	8	25	20
French beans	25	20	20	18	12	11	25	20	10	8	25	20
Soya beans (USA)												
Soya beans (local)												
Potatoes	270	210	250	210	280	220	270	200	160	120	270	200
Cabbage	350	300	350	300	450	350	450	400	180	130	450	400
Tomatoes							200	150			200	150
Cucumbers	100	80	200	180			220	200	110	80	220	200
Onions							180	150	120	60	180	150
Spring onions									120	110		
Aubergines												
Capsicum(peper)												

Bulgarian capsicum												
Carrot	120	100			120	80			110	80		
Radish							210	160	80	60	210	160
Beetroot	220						310	250	60	40	310	250
Spinach												
Coriander												
Saffron												
Watermelon												
Melon												
Strawberry												
Raspberry												
Currant												
Lucerne	40	35	40	35	40	35			33	26		

ANNUAL YIELD (x100kg/ha) - TSALKA CONT'D

Product	Khando		Jinisi		Ashkala		Ozni		Tsalka	
	Irrigated	Non-irrigated	Irrigated	Non-irrigated	Irrigated	Non-irrigated	Irrigated	Non-irrigated	Irrigated	Non-irrigated
Winter wheat(local)	28	20	50	40	50	40	40	35	45	40
Winter wheat (seed)			47	35					35	30
Spring wheat(local)	25	19	50	45	47	35	40	35	42	38
Sprint wheat (seed)	25	19	50	40	50	45	35	31	39	33
Winter wheat same ,but seed	25	19	40	35	40	35	40	35	39	38
Barley	28	25	48	40	48	40	38	30	30	28
Oats	28	25	40	35	40	35	32	28	26	26
Corn										
Straw	20	18	35	33	35	33	28	20	18	16
Hay	30	28	40	38	40	38	35	30	28	20
Haricot	20	18	25	20	25	20	38	28	16	14
French beans	20	18	25	20	25	20	28	20	18	14
Soya beans (local)										
Potatoes	250	200	270	200	270	200	280	250	250	200
Cabbage	350	300	450	400	450	400	450	350	350	300
Tomatoes	150	110	200	150	200	150				
Cucumbers	200	180	220	200	220	200	180	130		
Onions			180	150	180	150	160	140		

Spring onions							240	200		
Aubergines										
Capsicum(peper)										
Bulgarian capsicum										
Carrot	100	80			110	110	190	130		
Radish			210	160			210	180		
Beetroot	210	180	310	250	200					
Spinach										
Coriander										
Saffron										
Watermelon										
Melon										
Strawberry										
Raspberry							85	42		
Currant							170	140		
Lucerne	38	30			40	35	50	30		

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Borjomi District

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ANNUAL YIELD (x100kg/ha) - BORJOMI

Product	Tadzrisi		Taborlskuri		Tsikhijrari	
	Irrigated	Non-irrigated	Irrigated	Non-irrigated	Irrigated	Non-irrigated
Winter wheat(local)						
Winter wheat (seed)						
Spring wheat(local)		30				
Sprint wheat (seed)		35				
Winter wheat same ,but seed						
Barley		30		27		27
Oats		20		20		20
Corn		25				
Straw		60				
Hay		35		40		40
Haricot		30				30
French beans		15				
Soya beans (USA)						
Soya beans (local)						
Potatoes		250		300		300
Cabbage		300		400		400
Tomatoes		260				
Cucumbers		120				
Onions		120		80		90
Spring onions		80				
Aubergines						
Capsicum(peper)						
Bulgarian capsicum						300
Carrot		200		300		

Radish					
Beetroot		170		170	180
Spinach					
Coriander					
Saffron					
Watermelon					
Melon					
Strawberry					
Raspberry					
Currant					
Lucerne		50		60	60

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Akhaltzikhe District

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ANNUAL YIELD (x100kg/ha) - AKHALTSIKHE

Product	Kide		Tskruti		Agara		Skhvilisi		Yale		Sviri		Atskuri	
	Irrigated	Non-irrigated	Irrigated	Non-irrigated	Irrigated	Non-irrigated	Irrigated	Non-irrigated	Irrigated	Non-irrigated	Irrigated	Non-irrigated	Irrigated	Non-irrigated
Winter wheat(local)	40	35	40	35	45	35	45	35	40	35	40	35	40	35
Winter wheat (seed)	50	40	50	40	50	40	50	40	50	40	50	40	50	40
Spring wheat(local)	35	30	35	30	40	30	35	30	35	30	35	30	35	30
Sprint wheat (seed)	40	35	40	35	40	35	40	35	40	35	40	35	40	35
Winter wheat same ,but seed	80	50	80	50	80	50	85	50	80	50	80	50	80	50
Barley	40	30	30	30	45	30	40	30	40	30	40	30	40	30
Oats	30	20	25	20	25	20	20	20	25	20	25	20	25	20
Corn	90	60	80	60	20	60	80	60	80	60	80	60	80	60
Straw	50	30	40	30	40	30	45	30	50	30	40	30	40	30
Hay	50	40	50	40	50	40	50	40	50	40	50	40	50	40
Haricot	45	40	40	40	40	40	40	40	40	40	40	40	40	40
French beans	25	20	25	20	30	230	20	20	25	20	25	20	25	20
Potatoes	550	400	600	400	600	400	600	400	600	400	600	400	600	400
Cabbage	1000	600	800	500	800	500	800	500	800	500	800	500	800	500
Tomatoes	450	300	450	300	400	300	450	300	450	300	450	300	450	300
Cucumbers	400	150	400	150	450	150	400	150	400	150	400	150	400	150
Onions	180	150	180	150	400	150	180	150	180	150	180	150	180	150
Spring onions	200	100	200	100	190	100	200	100	200	100	200	100	200	100
Aubergines	50	40	50	40	50	40	50	40	50	40	50	40	50	40

Capsicum(peper)	45	40	40	40	45	40	45	40	40	40	40	40	40	40
Bulgarian capsicum	45	40	40	40	50	40	40	40	40	40	40	40	40	40
Carrot	300	250	300	250	350	250	300	250	300	250	300	250	300	250
Radish	500	200	500	200	500	200	500	200	500	200	500	200	500	200
Beetroot	800	500	800	500	800	500	800	500	800	500	800	500	800	500
Spinach	450	300	450	300	450	300	450	300	450	300	400	300	450	300
Coriander	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Saffron														
Watermelon														
Melon														
Strawberry	35	30	35	30	40	30	35	30	35	30	35	30	35	30
Raspberry	30	30	30	30	35	30	30	30	30	30	30	30	30	30
Currant														
Lucerne	150	100	150	100	150	100	150	100	150	100	150	100	150	100

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Adigeni District

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ANNUAL YIELD (x100kg/ha) - ADIGENI

Product	Varkhani		Arali	
	Irrigated	Non-irrigated	Irrigated	Non-irrigated
Winter wheat(local)	38	34	35	31
Winter wheat (seed)	72	37	38	34
Spring wheat(local)	30	25	27	23
Sprint wheat (seed)	41	37	31	25
Winter wheat	55	52	40	37
same ,but seed	60	56	52	47
Barley	28	23	25	21
Oats	27	22	24	22
Corn	25	21	23	18
Straw	30	26	24	20
Hay	32	29	25	20
Haricot				
French beans	14	10	12	10
Soya beans (USA)				
Soya beans (local)				
Potatoes	360	250	340	245
Cabbage	650		560	
Tomatoes				
Cucumbers				
Onions				
Spring onions				
Aubergines				
Capsicum(peper)				
Bulgarian capsicum				
Carrot				

Radish				
Beetroot				
Spinach				
Coriander				
Saffron				
Watermelon				
Melon				
Strawberry				
Raspberry				
Currant				
Lucerne				