



**KAZAKHSTAN**

**Irrigated crop calendar**

**2010**

Irrigated crops	Area 1000 ha	Crop area as percentage of the full control actually irrigated area by month												
		J	F	M	A	M	J	J	A	S	O	N	D	
Wheat	208	18	18	18	18	18							18	18
Rice	94						8	8	8	8	8			
Barley	92						8	8	8	8	8			
Maize	96						8	8	8	8	8			
Vegetables	183						15	15	15	15	15			
Fruits	54	5	5	5	5	5	5	5	5	5	5	5	5	5
Oil crops	40	3	3	3	3	3	3	3	3	3	3	3	3	3
Potatoes	60	5	5	5	5	5								
Sugar beets	9						1	1	1	1	1			
Fodder permanent	26	2	2	2	2	2	2	2	2	2	2	2	2	2
Cotton	134					11	11	11	11	11	11	11		
Tobacco	2						0.1	0.1	0.1	0.1	0.1			
Other temporary crops	5						0.4	0.4	0.4	0.4	0.4			
Pasture permanent	181	15	15	15	15	15	15	15	15	15	15	15	15	15
<b>Harvested irrigated crop area [AHI<sub>full</sub>]</b>	<b>1 182</b>													
<b>Area equipped for full control irrigation actually irrigated [AAI<sub>full</sub>]</b>	<b>1 182</b>	<b>48</b>	<b>48</b>	<b>48</b>	<b>48</b>	<b>59</b>	<b>77</b>	<b>77</b>	<b>77</b>	<b>77</b>	<b>77</b>	<b>77</b>	<b>54</b>	<b>43</b>
<b>Cropping intensity (%) = 100 x [AHI<sub>full</sub>]/[AAI<sub>full</sub>]</b>	<b>100</b>													
<b>Area equipped for full control irrigation [AEI<sub>full</sub>]</b>	<b>1 200</b>													
<b>% of full control equipped actually irrigated = 100 x [AAI<sub>full</sub>]/[AEI<sub>full</sub>]</b>	<b>99</b>													
<b>Total area equipped for irrigation [AEI<sub>tot</sub>]</b>	<b>2 066</b>													

**Narrative**

AEI<sub>tot</sub> is 2 065 900 ha and AEI<sub>full</sub> is 1 199 600 ha in 2010 (FAO, 2012). The difference is due to spate irrigation. AAI<sub>full</sub> is equal to 1 182 100 ha in 2010. AHI<sub>full</sub> is similar to AAI<sub>full</sub>. The main irrigated crops are wheat, vegetables, permanent pastures and cotton. Some other cereals (maize, rice and barley), potatoes, fruits, oil crops, permanent fodder, sugar beets, tobacco, and other temporary crops are also irrigated. Temporary crops are mostly irrigated from June to October (or from May to November for cotton), except wheat and potatoes which are cultivated and irrigated from November and January, respectively, to May.

**References**

FAO. 2012. AQUASTAT, FAO's global information system on water and agriculture, <http://www.fao.org/nr/aquastat>