



**MALAYSIA**

**Irrigated crop calendar**

**1996**

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	
Rice one	217	83	83									83	83	83
Rice two	217					83	83	83	83	83				
Vegetables	32					12	12	12	12	12				
Tobacco	11					4	4	4	4	4				
<b>Harvested irrigated crop area [AHI<sub>full</sub>]</b>	<b>477</b>													
<b>Area equipped for full control irrigation actually irrigated [AAI<sub>full</sub>]</b>	<b>260</b>	<b>83</b>	<b>83</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>83</b>	<b>83</b>	<b>83</b>
<b>Cropping intensity (%) = 100 x [AHI<sub>full</sub>]/[AAI<sub>full</sub>]</b>	<b>183</b>													
<b>Area equipped for full control irrigation [AEI<sub>full</sub>]</b>	<b>341</b>	*												
<b>% of full control equipped actually irrigated = 100 x [AAI<sub>full</sub>]/[AEI<sub>full</sub>]</b>	<b>76</b>													
<b>Total area equipped for irrigation [AEI<sub>tot</sub>]</b>	<b>363</b>	* These areas refer to the year 1994												

**Narrative**

In 1994, AEI<sub>tot</sub> is 362 687 ha, of which 340 717 ha is AEI<sub>full</sub> and 21 970 ha equipped lowlands (FAO, 2012). AHI<sub>full</sub> is 477 000 ha in 1996 (FAO, 2012), a value still valid in 2006 being close the 462 000 ha estimated by AT 2050/2080 (FAO, 2011). Rice is the main irrigated crop (over 90 percent, double cropping), but some vegetables and tobacco are also irrigated. AAI<sub>full</sub> is calculated by deducting the area of one crop of rice from AHI<sub>full</sub>, thus giving 260 200 ha. This results in a cropping intensity of 183 percent. Irrigation is mostly practiced from May to September during the drier season, except for the double cropping of rice.

**References**

- FAO. 2011. *World agriculture: towards 2050/2080*. FAO, Global Perspective Studies Unit. Rome. (Internal document).
- FAO. 2012. AQUASTAT, FAO's global information system on water and agriculture. <http://www.fao.org/nr/aquastat>