

## INDICATOR DATA SHEET

### Indicator: Use of Agricultural Pesticides

#### Definition:

This indicator measures the use of pesticides per unit of agricultural land

**Category:** Economic

Activities

**Theme:** Agriculture

**Type:** Pressure

**Unit:** Kilograms of active ingredient per ha

### Calculation Method

Total consumption of pesticide (n)

Agricultural land area(temporary and permanent crops) (n)

n= reference year

Data Needed	Source
Use of agricultural pesticides	Ministry of Agriculture, Customs Association of importers and distributors of supplies for agricultural products in Lebanon

**Frequency for Updating:** Yearly

#### Comments:

The values reported in ltr/ha are for types of pesticides other than the ones reported in kg/ha.

Pesticide use (represented per type of culture) in kg and/or lit of active ingredient per ha		
Type of culture	Year 2000	
	Kg/ha	Ltr/ha
Stone fruits	7.953	2
Olive	5	
Tobacco	10.7	
Viticulture	1.247	2.98-3.28
Banana	1.08	
Vegetables	16.7	17.5
Citrus	5.9-6.15	
Sugar beet	8.6	
Citriculture	3.675	5

Source: ASSPLANT

Geographic coverage: National

Date: May 2001

Consumption of pesticides (represented per type of pesticide) in Kilograms or litres used							
Year	Consumption of pesticides (in Kg or Lit)						
	Fungicides	Insecticides	Acaricides	Herbicides	Nematicides	Raticides	Miscellaneous
1996	723285	873234	66225	318549	24505	42150	
1997	988046	844490	178714	534134	23809	39000	
1998	1423979.5	1312065.6	182948	964093.7	265210		114276.24
1999	408518	534460.27	58006	509157	27600		
	Rodenticides	Bactericides	Plant growth R	Molluscicide	Fumigant	Oil	Sulfur
1999	3235.52	100	4580	20075	98842	155064	252125

Source: Ministry of Agriculture

Geographic coverage: National

LEDO Reference: 31

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### Use of agriculture pesticides

