

Table B.2 | Scoring methodology for fertilizer indicators

INDICATOR	SUB-INDICATOR	DESCRIPTION	WHAT IS MEASURED	HOW IT IS SCORED
FERTILIZER REGISTRATION	Fertilizer registration (legal)	This indicator measures the legal requirements to register a fertilizer and the extent to which public information on registered products is available through fertilizer catalogues.	1. Private entities are required to register new fertilizer products to sell them in the country	A score of 1 if yes A score of 0 if no
			2. The following type(s) of fertilizer products must be registered: a. Chemical or mineral fertilizer products b. Organic fertilizer products	A score of 0.5 for each category that must be registered
			3. Field testing is not required to register a fertilizer product	A score of 1 if field testing is not required A score of 0 if field testing is required
			4. A lab sample analysis is required to register a fertilizer product	A score of 1 if yes A score of 0 if no
			5. The validity of the chemical fertilizer product registration is not time-limited	A score of 1 if yes A score of 0.8 if time-limited and validity is equal to or greater than 10 years A score of 0.4 if time-limited and validity is less than 10 years A score of 0 if fertilizer products are not required to be registered by law or if the private sector is not allowed to register fertilizer products
			6. An official catalogue listing all registered fertilizer products in the country is publicly available online	A score of 1 if yes
			7. Re-registration of a fertilizer product is not required in the country if it has already previously been registered in another country that is part of an agreement or approved in the regional catalogue	A score of 1 if re-registration is not required
	Fertilizer registration in practice (efficiency)	Building up on legal requirements to register fertilizer, this indicator captures the time and cost needed to comply with the legal requirements to register a fertilizer.	1. Total time to register a fertilizer product	Total time required for all legally mandated procedures is aggregated and presented in calendar days A score of 0 if there is no requirement to register or if the registration is not done in practice
			2. Total cost to register a fertilizer product	Total cost required for all legally mandated procedures is aggregated and presented in % of income per capita A score of 0 if there is no requirement to register or if the registration is not done in practice
	IMPORTING AND DISTRIBUTING FERTILIZER	As fertilizer production is concentrated in only a few countries, requiring most others to rely on imports, these data focus on the private sector's role and the requirements for importing and distributing fertilizer.	1. Private entities are allowed to import fertilizer products into the country to sell them	A score of 0 if any of the restrictions apply
2. Private entities are required to register as importers to import fertilizer products but the registration is not time-limited			A score of 1 if yes, or the time limit is greater or equal to 10 years A score of 0.5 if importer registration is time-limited and the time is greater or equal to 5 years A score of 0 if the company doesn't have to register as an importer or if the company has to register and registration is time-limited to less than five years	
3. Private entities are not required to obtain an import permit to import fertilizer products. If an import permit is required, the permit is a blank import permit without a volume restriction			A score of 1 if no permit is required A score of 0.5 if a blank permit is required A score of 0 if a permit is required with per shipment or volume restrictions	
4. If an import permit is required, the time validity of the import permit is at least 12 months			A score of 1 if no permit is required A score of 0.5 if validity is equal or greater than 12 months A score of 0 if validity is less than 12 months	

(continued)



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QUALITY CONTROL OF FERTILIZER			5. The official cost to obtain an import permit is equal or less than 50% income per capita	<p>A score of 1 if no permit is required</p> <p>A score of 0.5 if the cost is equal or less than 50% of income per capita</p> <p>A score of 0 if the cost is more than 50% of income per capita</p>
			6. The time it takes to obtain the import permit is less or equal to 14 calendar days	<p>A score of 1 if no permit is required</p> <p>A score of 0.5 if less or equal to 14 calendar days</p> <p>A score of 0 if more than 14 calendar days</p>
			7. Private entities are allowed to distribute fertilizer products in the country	A score of 1 if yes
		These indicators focus on labeling requirements, legislation on the sale of mislabeled and open fertilizer containers, and practices in monitoring fertilizer quality.	1. The law requires labeling of fertilizer containers	A score of 1 if yes
			2. The law requires that labeling must be in at least one of the country's official languages	A score of 1 if yes
			3. The law establishes that the label must provide the following: <ul style="list-style-type: none"> a. brand name b. net weight or volume c. content description d. name of the manufacturer e. contact information of the manufacturer f. country of origin g. name of the importer h. contact information of importer i. manufacturing date j. expiration date k. safety instructions l. storage instructions m. registration number 	<p>A score of 1 if 10 or more label requirements are included in the label</p> <p>A score of 0.5 if between 5 and 9 label requirements are included in the label</p> <p>A score of 0 if less than 5 label requirements are included in the label or if no label is required</p>
			4. If the fertilizer law prohibits the sale of mislabeled fertilizer bags	A score of 1 if yes
			5. If the law establishes a penalty for the sale of mislabeled fertilizer	A score of 1 if yes
			6. If the fertilizer law prohibits the sale of fertilizer products from opened bags or containers	A score of 1 if yes
			7. If the law establishes a penalty for the sale of fertilizer products from opened bags or containers	A score of 1 if yes