

Annex II: first pillar result and output indicators

<i>Policy objective</i>	<i>Indicator name</i>	<i>Indicator definition</i>	<i>Data source</i>	<i>Unit of measurement</i>	<i>Frequency</i>	<i>Delay</i>	<i>Level of geographical aggregation</i>	<i>Used for (Monitoring/Evaluation)</i>	<i>Comments</i>
RESULT INDICATORS									
Enhance farm income	<i>Share of DP in agricultural income</i>	Share of direct payments in agricultural entrepreneurial income	AGRI/Eurostat	%	Annually	Y+1	Member State / EU level	M&E	
Enhance farm income	<i>Variability of farm income</i>	Variation of income (FNVA) between year N and the average income of the same farm the three preceding years in current euros	FADN	%/MS/type of farm/ESU	On request (max once per year)	Y+2	Member State	Evaluation	
Maintain market stability	<i>EU commodity price compared to world commodity price</i>	Prices for barley, wheat, maize, butter, sugar, SMP,	Agriview, AMIS2, Global insight, FAO, Word bank	Index, USD/t EU level	indexes, monthly prices every fortnight	<1month	EU level	M&E	

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		beef, chicken							
Maintain market stability	<i>EU commodity price volatility</i>	Standard deviation over mean/	Agriview, AMIS2, Global insight, FAO, Word bank	CV at EU level	Time needs to be sufficiently long to allow meaningful measurement	<1month	EU level	M&E	
Maintain market stability	<i>EU commodity price volatility compared to the rest of the world</i>	Standard deviation over mean for both	Agriview, AMIS2, Global insight, FAO, Word bank	CV at EU level	Time needs to be sufficiently long to allow meaningful measurement	<1month	EU level	M&E	
Improve agricultural competitiveness	<i>Share of EU exports in world market;</i>	EU exports of agricultural products over agricultural exports of all countries	COMTRADE	EU, %	Annually (or three-year average)	Year Y available Q1 of Y+2	EU level	M&E	
Improve agricultural competitiveness	<i>Share of high value added products in EU exports (considered to be "final products")</i>		COMEXT	EU, %	Annually (or three-year AVG)	Year Y available in Februr	EU level	M&E	

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						ary of Y+1			
Improve agricultural competitiveness	<i>Share of value added for primary producers in food chain</i>		Eurostat Economic Accounts for Agriculture + structural business statistics	%	Structural business statistics rhythm (every 18 months)	Y+3	EU level	evaluation	While EAA data are available at Y+1, structural business statistics are only at Y+3; the indicator is currently used in the pocketbook: <i>Food: from farm to fork statistics</i>
Improve agricultural competitiveness	<i>Share of production under producer organisations</i>	<i>Share of production under POs (expressed in value)</i>	MS reporting	% of value	yearly	Y+2/ Y+3	Member State		
Meet consumer expectations [Provide environmental public goods] [Climate change mitigation and adaptation] [Foster innovation]	<i>Share of organic area/livestock in total UAA/livestock</i>		FSS/IACS	%	yearly	Claim year in question/ Census 2010-update 2013	Member State	M&E	Volume information is currently very incomplete, since data on areas are (more) reliable, it was decided to use at this stage only areas and livestock figures (share)
Provide environmental public goods [Climate change mitigation and adaptation]	<i>Land use - grassland (ha perm/temp); - arable land (ha per crop); - EFA (tbd) etc.)</i>		Eurostat FSS survey IACS?	Ha/MS/ NUTS2 level	FSS rhythm		Member State/ NUTS 2 level		IACS//FSS/SAPM

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<i>Provide environmental public goods</i>	<i>% UAA used for organic production</i>	Ratio of area under organic farming to total UAA	FSS / organic farming statistics annual survey	Ha/MS	FSS rhythm / Yearly	1-2years	Member State	M&E	Problems of coherence of the FSS and the organic farming statistics. Also problems with completeness of data series in the organic farming statistics for several MS in the organic farming statistics. Eurostat is making an effort to improve data availability and quality through a new collection of data in organic farming statistics as from 2012 (new data should be available 2013). To be verified if this information could come from IACS.
<i>Climate change mitigation and adaptation</i>	<i>Net greenhouse gas emissions from agricultural soils</i>	Aggregated annual CO ₂ , CH ₄ and N ₂ O emissions from agricultural soils	Annual official data submission by MS to UNFCCC, EU Monitoring Mechanism and EEA/EIONET	Emissions are shown absolute and relative to data for the year 1990 and are expressed as CO ₂ equivalents (ktonnes)	Yearly, at national level	Year Y in June Y+2	EU level	Evaluation	Although there is yearly reporting, the data for most MS are based on simple methodologies, which would not allow capturing the CAP contribution. At present, better information is available on non-soil related emissions from agriculture
<i>Maintain diverse agriculture</i>	<i>Structural diversity</i>	Distribution of holdings according to their size in	Eurostat FSS	% of holding in classes (currently <10Ha, 10-	FSS rhythm	Y+1/ Y+2	Member State	Evaluation	Structural evolution is regularly followed up by AGRI, based on the information of the FSS. Other

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		Ha		50Ha, 50-100Ha, >100Ha ;)					indicators are possible (e.g. based on ESU or labour force)
Maintain diverse agriculture <i>[Provide environmental public goods]</i>	% UAA of supported in natural constraints areas		IACS				Member State		
Meet consumer expectations	Share of quality production in total production 2008-2010	Share of quality production (value of production)	Currently the information on PDO/PGI volumes and values is collected through a regular dedicated study (some MS have national data collections)		The 2008 study covered 2005-07, partly 2008. The 2012 study will cover 2005-2010),	1-2 years	Member State	Evaluation	Given the lack of a clear definition of quality, the EU PDO/PGI/TSG was taken as a proxy. Calculation possible for quality defined as PDO/PGI, yet no structural system for data collection available (only studies with TSG not included)
Maintain market stability	Market measures, incl. exceptional measures Volume of public intervention, [as % of domestic consumption]	For each of the sectors where the measure is used: volume in T (kT) divided by consumption in T(kT)	Existing MS Communications /AGRI	%	yearly	N/A	EU level	M&E	As a way of simplification the data on private and public storage could be merged.

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Maintain market stability	Market measures, incl. exceptional measures <i>Volume of private storage, [as % of domestic consumption]</i>	For each of the sectors where the measure is used: volume in T (kT) divided by consumption in T(kT)	Existing MS communications / AGRI	%	yearly	N/A	EU level	M&E	As a way of simplification the data on private and public storage could be merged.
Maintain market stability	Market measures, incl. exceptional measures <i>Export refunds [as % of domestic consumption]</i>	For each of the sectors where the measure is used: volume in T (kT) divided by consumption in T(kT)	AGRI	%	yearly	N/A	EU level	M&E	
Improve agricultural competitiveness	Promotion policy: <i>No of promotion programmes on the internal market</i>	No of accepted promotion programmes implemented on the internal market	AGRI database (MPP)	No of programmes/ MS/year	Continuous update	N/A	Member State / EU level	M&E	
Improve agricultural	Promotion policy: <i>No of promotion</i>	No of accepted promotion	AGRI database (MPP)	No of programmes/ MS/year	Continuous update	N/A	Member State / EU level	M&E	

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<i>competitiveness</i>	<i>programmes in third countries</i>	programmes implemented in third countries							
Improve agricultural competitiveness	Promotion policy: <i>No of <u>multi-country</u> programmes <u>on the internal market</u></i>	No of multi-country programmes (implemented by more than 1 MS) accepted	AGRI database (MPP)	No of programmes/MS/year	Continuous update	N/A	EU level	M&E	
Improve agricultural competitiveness	Promotion policy: <i>No of <u>multi-country</u> programmes <u>in third countries</u></i>	No of multi-country programmes (implemented by more than 1 MS) accepted	AGRI database (MPP)	No of programmes/MS/year	Continuous update	N/A	EU level	M&E	
Improve agricultural competitiveness	Promotion policy: <i>No of Commission initiatives under promotion policy</i>	No of implemented Commission initiatives according to Art10 Reg 3/2008, such as high-level trade visits or information campaigns	AGRI	No of initiatives/year	Continuous update	N/A	EU level	M&E	

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		organised by the Commission							
Meet consumer expectations <i>[Improve agricultural competitiveness]</i>	Quality policy <i>No of (new) registrations</i>	<i>Total number of GI (PDO/PGI/TSG) registered in the year</i>	AGRI (DOOR and E-BACCHUS databases)	No of registrations per MS	continuous	N/A	Member State / EU level	M&E	
OUTPUT INDICATORS									
Enhance farm income	Basic payment : No of farmers paid		IACS		Yearly	(max) Y+1		M&E	For all IACS related information the level of detail will depend from the final decisions taken on the use of IACS. All information listed here is available in the Member States
Enhance farm income	Basic payment : No of Ha paid		IACS		Yearly	(max) Y+1			See above
Provide environmental public goods <i>[Enhance farm income]</i>	Green payment : No of farmers paid subject to crop diversification, permanent grassland, EFAs, organic farming		IACS		Yearly	(max) Y+1		M&E	See above
Provide	Green payment : No of Ha supported		IACS		Yearly	(max) Y+1		M&E	See above

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<i>environmental public goods</i> <i>[Enhance farm income]</i>	<i>subject to crop diversification, permanent grassland EFA, organic farming</i>								
<i>Enhance farm income</i>	<i>Young farmers scheme: No of farmers supported</i>		IACS		Yearly	(max) Y+1		M&E	See above
<i>Enhance farm income</i>	<i>Small farmers scheme: No of farmers supported</i>		IACS		Yearly	(max) Y+1		M&E	See above
<i>Enhance farm income</i>	<i>Small farmers scheme No of ha supported</i>		IACS		Yearly	(max) Y+1		M&E	See above
<i>Enhance farm income</i> <i>[Improve agricultural competitiveness]</i> <i>[Provide environmental public goods]</i>	<i>Coupled support: No of Ha supported</i>		IACS		Yearly	(max) Y+1		M&E	See above
<i>Enhance farm income</i> <i>[Improve agricultural competitiveness]</i>	<i>Coupled support : No of animals supported</i>		IACS		Yearly	(max) Y+1		M&E	See above

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<i>[Provide environmental public goods]</i>									
<i>Maintain diverse agriculture [Provide environmental public goods]</i>	<i>Support in areas facing natural constraints: No of Ha supported</i>		IACS		Yearly	(max) Y+1		M&E	See above
<i>Maintain market stability</i>	<i>Market measures, incl. exceptional measures Volume of public intervention, in absolute terms</i>	Per sector where the measure has been used: volume in T (or kT)	Existing MS communications	T or Kt, data per MS	Depends on sector: at least monthly available	N/A		Market management , M&E	Currently in AAR for Cereals/Alcohol/SMP and butter/Beef/Sugar As a way of simplification the data on private and public storage could be merged.
<i>Maintain market stability</i>	<i>Market measures, incl. exceptional measures Duration of public intervention,</i>	<i>For each of the sectors where the measure was used:: months that buying in takes place(months started)</i>	Existing MS communications	Months, data per MS	At least monthly available	N/A		Market management , M&E	As a way of simplification the data on private and public storage could be merged.
<i>Maintain market stability</i>	<i>Market measures, incl. exceptional measures Volume of private storage in absolute terms</i>	For each of the sectors where the measure is used: volume in T	Existing MS communications	T or Kt, data per MS	Depends on sector: at least monthly available	N/A		Market management , M&E	As a way of simplification the data on private and public storage could be merged.

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		(kT)							
Maintain market stability	Market measures, incl. exceptional measures Duration of private storage,	For each of the sectors: months that buying in takes place((months started)	Existing MS communications	Months, data per MS	At least monthly available	N/A		Market management , M&E	As a way of simplification the data on private and public storage could be merged.
Maintain market stability	Market measures, incl. exceptional measures Export refunds, in absolute terms	For each of the sectors where the measure is used: volume in T(or kT), licences issued	AGRI	T/kT, data at EU level	At least monthly available	N/A		Market management , M&E	
Maintain market stability	Market measures, incl. exceptional measures Duration of export refunds,	For each of the sectors: months that the measure was used	AGRI	Months	Yearly	End of year		M&E	
Maintain market stability	Market measures, incl. exceptional measures Extent of use of exceptional measures and crisis reserve and amounts spent	For each of the sector where the measures have been used: volume concerned/s hare of	AGRI	T%/Months				M&E	

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		<i>domestic consumption and duration of the measure</i>							
Improve agricultural competitiveness	Producer organizations <i>Volume of production under POs</i>		Existing MS communications	Financial info/MS	Yearly	Nov Y+1 at the latest			
Improve agricultural competitiveness [Meet consumer expectations]	School milk scheme <i>Quantities supported</i>	<i>Quantities of milk products distributed</i>	Existing MS communications	T in milk equivalent	Yearly/by MS	April/May for the past school year			
Improve agricultural competitiveness [Meet consumer expectations]	School milk scheme <i>No of beneficiaries</i>	<i>No of pupils having received milk products during the past school year (August-July)</i>	Existing MS communications	Number	Yearly/by MS	April/May for the past school year			
Improve agricultural competitiveness	School fruit scheme <i>No of beneficiaries</i>	<i>No of pupils having received fruit during</i>	Existing MS communications (monitoring table from	Number	Yearly	End of Nov for			

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<i>[Meet consumer expectations]</i>		<i>the past school year</i>	Member state)			past school year			
Improve agricultural competitiveness	Wine national support programme and regulatory measures <i>No of ha restructured</i>		Existing MS communications	Ha	Yearly, (budget year)	By 1 March			
Improve agricultural competitiveness	Wine national support programme and regulatory measures <i>No of beneficiaries of investment measures</i>		Existing MS communications	Number	Yearly, (budget year)	By 1 March			
Improve agricultural competitiveness	Wine national support programme and regulatory measures <i>No of promotion projects</i>		Existing MS communications	Number	Yearly, (budget year)	By 1 March			
Improve agricultural competitiveness	Wine national support programme and regulatory measures <i>No of (new) registrations</i>		Existing Communications, from MS, third countries, and professional organisations of third countries	Number	Continuous	N/A			

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<i>Improve agricultural competitiveness</i>	<i>Wine national support programme and regulatory measures/ total no of GIs</i>		Based on the information transmitted on 31 December 2011	Number	Continuously updated each time a new application is accepted	N/A			
<i>Provide environmental public goods</i> <i>[Climate change mitigation and adaptation]</i>	<i>Cross compliance: No of Ha subject to CC</i>		IACS	Ha/MS	yearly			M&E	Another potential indicator readily available is the number of cross-compliance controls
<i>Meet consumer expectations</i> <i>[Improve agricultural competitiveness]</i>	<i>Quality policy: number of applications received</i>	Quality policy: number of applications received	AGRI monitoring table	No of applications per MS	monthly	monthly		M&E	
<i>Meet consumer expectations</i> <i>[Provide environmental public goods]</i> <i>[Climate change mitigation and adaptation]</i> <i>[Foster</i>	<i>Organic farming No of organic farmers</i>		FSS / organic farming statistics annual survey	Ha/MS	FSS rhythm / Yearly	1-2years		M&E	Problems of coherence of the FSS and the organic farming statistics. Also problems with completeness of data series in the organic farming statistics for several MS in the organic farming statistics. Eurostat is making an effort to improve data availability and quality through a new collection of

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<i>innovation]</i>									data in organic farming statistics as from 2012 (new data should be available 2013).
<i>Meet consumer expectations [Provide environmental public goods] [Climate change mitigation and adaptation] [Foster innovation]</i>	Organic farming <i>Ha organic</i>		FSS / organic farming statistics annual survey	Ha/MS	FSS rhythm / Yearly	1-2years			Problems of coherence of the FSS and the organic farming statistics. Also problems with completeness of data series in the organic farming statistics for several MS in the organic farming statistics. Eurostat is making an effort to improve data availability and quality through a new collection of data in organic farming statistics as from 2012 (new data should be available 2013).
Improve agricultural competitiveness	Promotion policy: <i>No of programmes on the internal market</i>	No of applications received for programmes targeted at the internal market	AGRI database (MPP)	Programme/MS	Continuous update	N/A		M&E	
Improve agricultural competitiveness	Promotion policy: <i>No of programmes in third countries</i>	No of applications received for the programmes	AGRI database (MPP)	Programme/MS	Continuous update	N/A		M&E	

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		targeted at third countries							
Improve agricultural competitiveness	Promotion policy: <i>No of <u>multi-country programmes on the internal market</u></i>	No of multi-country programmes (implemented by more than 1 MS) applications	AGRI database (MPP)	Programme/MS	Continuous update	N/A		M&E	
Improve agricultural competitiveness	Promotion policy: <i>No of <u>multi-country programmes in third countries</u></i>	No of multi-country programmes (implemented by more than 1 MS) applications	AGRI database (MPP)	Programme/MS	Continuous update	N/A		M&E	
Foster innovation	Research projects related to agriculture funded	No of projects							
Improve agricultural competitiveness [Foster innovation]	Farm advisory system <i>No of farmers advised</i>		AGRI data collected through a dedicated questionnaire	Number	Every 2-3 years			M&E	AGRI plans to develop more detailed questionnaire, including additional qualitative questions on FAS

Note 1: The corresponding expenditure should also be considered as an input indicator

Note 2: Also under consideration:

- indicator on impact on third countries, e.g. % of market expenditure in CAP budget
- simplification indicator, e.g. % of farmers covered by the simplified scheme for small farmers
- compliance indicator(s), e.g. % of farmers controlled and sanctioned; % CAP expenditure covered by CC