### Presentation

This note relates to the metadata of the annual follow-up production account. Thus, it describes the definition, range, sources, and methodology used in preparing annual follow-up production accounts.

### Definition and Scope

**Definition**

The Production Account of the Agriculture industry includes: Annual crops, vegetable crops, fodder crops for sale to other industries; agriculture-based investment consisting of implantation and maintenance of fodder species whose duration exceeds one year and whose production is sold to other industries, and it also includes soil improvement and preparation.

The following variables are measured: Gross Output, Intermediate Consumption, and Value Added for the Agriculture industry.

**Sub-industries / Sub-accounts**

The Production Account of the Agriculture industry is composed of five groups or sub-industries: Annual Crops, Vegetables, Forage, Flowers and Other Crops.

### Source Data

#### Statistical Forms & Reports

- **Source Name:** Annual statistics by Area, Production and Performance.
  - Data used: Area, Production and Performance of traditional annual crops.
  - Frequency: Annual.

- **Source Name:** Exports Records.
  - Reporting Institution: Customs.
  - Data used: Volume and FOB price of exports of annual crops, tubers, vegetables, flowers, and forage.
  - Frequency: Monthly.

- **Source Name:** Vegetables at wholesale markets.
  - Reporting Institution: Office for Agricultural Studies and Policies (ODEPA).
  - Data used: Traded volume of vegetables at wholesale fairs in Santiago city.
  - Frequency: Monthly.

#### Other Statistics

- **Source Name:** Price records.
  - Data used: Consumer Price Index (CPI), Wholesale Price Index (WPI), and prices of products at wholesale markets.
  - Frequency: Monthly.

- **Source Name:** Physical production and sales index (IPVF).
  - Reporting Institution: National Statistics Institute (NSI)
Compilation method

The compilation method to transform source data into the production account consists of the following stages:

Aggregation, imputation and validation

Validation and Imputation
It involves the process of validating the information of this industry, based on sowed areas, harvested volumes, yields, domestic sales, and exports.

Classification
The information used for preparing the Production Account of the Agriculture industry is classified as per the International Standard Industrial Classification Rev. 3 (ISIC Rev.3). Products associated to this industry are classified in terms of the Central Product Classification (CPC).

Estimation Procedures
Generally, the procedures used for estimating the production account depend on the information sources available:

- In the benchmark compilation, every five years, there is often more complete information available; it is then possible, with the source data, to determine the "best level" for the production account components.
- There is generally less complete information for annual follow-up compilation. So, in order to obtain the "best change", prices, quantities, and values from the source data above detailed are used as indicators, whose changes are applied to the levels of the 2003 benchmark production account, by extrapolation, deflation, inflation, and identities.

The key aspects of the calculation procedure for the main aggregate transactions or variables of the Agriculture annual follow-up production account are shown below.

i) Gross Output (GO). Value at constant prices of gross output (GO) is determined by extrapolation, using quantity indexes. Output is recorded during the accounting period when product is harvested. It should be noted that, mainly for annual crops, output recorded corresponds to the pertinent calendar year and it is not the same as the agricultural season itself. Value at current prices is determined by inflactation of GO at constant prices.

ii) Intermediate consumption (IC). Value at constant prices of Intermediate Consumption (IC) is obtained by extrapolation, using quantity indicators. Intermediate consumption is recorded during the accounting period in which it takes place. Value at current prices is determined by inflactation of records at constant prices.

iii) Value Added. Value at constant prices of the Value Added (VA) is obtained by the double-indicator method. Value at current prices is obtained as the difference between the GO (at basic prices) and the IC (at purchaser prices).

Data Reconciliation

The results obtained from this Agriculture industry account are analyzed in terms of temporal consistency. This means that consistency of figures is examined with respect to record data as to area, yield and volumes produced.

Due to the nature of the products involved in the Agriculture industry production account, which are mainly used as inputs by other economic industries, balancing
procedures are performed on supply and use of products, that is, intermediate consumption is contrasted with intermediate demand at product level.

The aggregate Agriculture account is submitted to the transversal processes for balancing annual follow-up production accounts.

**Data Access**

**Publication**

This industry is a component of the Agriculture and Forestry group of the CBCH’s publications. In the aggregate production account table, Agriculture, Fruit Farming, and Other Crops are disseminated on a disaggregated basis. In benchmark compilation years, when dissemination is done for 73 industries, Agriculture, Fruit Farming, Livestock and Forestry are disseminated on a disaggregated basis.

**Production Account**

- **Period:** 2003 through 2007, Base 2003
  - **Link:** [http://www.bcentral.cl/publicaciones/estadisticas/actividad-economica-gasto/aeg01e.htm](http://www.bcentral.cl/publicaciones/estadisticas/actividad-economica-gasto/aeg01e.htm)
  - **Tables:** 1.37 through 1.41

- **Period:** 1996 through 2005, Base 1996
  - **Link:** [http://www.bcentral.cl/publicaciones/estadisticas/actividad-economica-gasto/aeg01b.htm](http://www.bcentral.cl/publicaciones/estadisticas/actividad-economica-gasto/aeg01b.htm)
  - **Tables:** 1.30 through 1.47

- **Period:** 1986 through 1998, Base 1986
  - **Link:** [http://www.bcentral.cl/publicaciones/estadisticas/actividad-economica-gasto/aeg16a.htm](http://www.bcentral.cl/publicaciones/estadisticas/actividad-economica-gasto/aeg16a.htm)
  - **Tables:** 1.29 through 1.56

**Value Added and GDP**

- **Period:** 1960 through 1985, Base 1977