

Report Structure and Market Trends:

Natural Dyes

January 2011

Between January and September 2010, exports of natural dyes grew to an impressive annual rate of 181.0%, mainly boosted by the higher price of carmine cochineal, and set off by the growing international demand. This report presents the latest information on the performance of the production of inputs used in the production of natural dyes such as paprika, marigold, annatto and turmeric. It provides information on the average yield of these crops, farm-gate prices and global market analysis of dyes and development of Peruvian exports and imports of natural colors..

Content

1. Risk Rating: Evaluation of structural strength and risks in the medium and short term.
2. Perspectives: Forecast of key strategic indicators at the end of 2010 and 2011
3. Background: Brief description of facts that influenced the development of natural dyes market nationwide
4. Internal structure: Production chain of natural dyes
Internal structure of natural dyes market
5. Current Situation
 - International Context
 - Main Exporting Countries of dyestuffs, from Vegetable or Animal Origin (U.S. \$: annual, 2009)
 - Participation of Major Exporters of dyestuffs (Part% (U.S. \$): annual, 2004 and 2009)
 - Japan remained as lead plaintiff of dyestuffs in 2009
 - Major importers of dyestuffs from plant or animal origin (U.S. \$: annual, 2009)
 - Major importers of dyestuffs (Part% (U.S. \$): annual, 2004 and 2009)
 - National Context
 - Harvested by Product Area (Hectare: annual 2008-2009 / January-September, 2009-2010)
 - Area Harvested by Region and Product (Part% (Hectare) Annual, 2009)
 - Income from the main producing areas by Product Type (MT / Ha: Annual, 2007-2009)
 - Performance by Product (TM / Ha: annual, 2008-2009)
 - Lower farm-gate prices in paprika and turmeric in 2009
 - Average farm-gate Prices Crops Used in the Preparation of Natural Dyes (\$ / . Per kg: monthly, 2008-2010)
 - Farm-gate Price by Product (\$ / . Per kilogram per year, 2008-2009)
 - Farm-gate Price by Product (\$ / . Per kilogram from January to September, 2009-2010)
 - Decreased production of marigold and paprika and annatto and turmeric production increase in 2009.
 - Production of Main Products Intended for the Preparation of Colours (TM: Annual, 2004-2009 and forecast 2010-2011)
 - National Production Marigold (TM: monthly, 2008-2010)

- Domestic Production of Paprika (TM: monthly, 2008-2010)
- National Production of Turmeric or Curcuma (TM: monthly, 2008-2010)
- National Production of Annatto (TM: monthly, 2008-2010)

- Production of marigold is recovered in the first nine months of the year
 - Marigold Production by Region (TM: annual, 2007-2009 / January-September 2008-2010)
 - Paprika Production by Region (TM: annual, 2007-2009 / January-September, 2008-2010)

- Slight increase in the production of annatto in 2010
 - Production by Region of turmeric (TM: annual, 2007-2009 / January-September, 2008-2010)
 - Production by Region of annatto (TM: annual, 2007-2009 / January-September, 2008-2010)

- Natural Dye Exports grew strongly in 2010
 - Development of Natural Dyes Exports (U.S. \$ and Var. %: Annual, 2004-2009 and forecast 2010-2011)
 - Average dyes Price of Exports (U.S. \$ / TM: monthly, 2007-2010)

- Export carmine and cochineal extract oleoresins increased exorbitantly in first nine months of 2010
 - Natural Dye Exports by Product Type (U.S. \$: annual, 2008-2009 / January-September, 2009-2010)
 - Natural Dye Exports by Product Type (TM: annual, 2008-2009 / January-September, 2009-2010)

- Germany displaced the U.S. as main destination of natural dye exports.
 - Natural Dye Exports by Product Type and Country of Destination (U.S. \$: annual, 2008-2009 / January-September, 2009-2010)

- Innova Andina led export natural dyes followed by Imbarex
 - Exports of Natural Dyes by Product Type and Company (U.S. \$: annual, 2008-2009 / January-September, 2009-2010)

- Increased export destinations oleoresin extract, annatto, marigold and paprika
 - Number of Exporting Companies and Export Destination Cochineal Carmine (No: annual 2004-2009 and January-September 2010)
 - Number of Exporting Companies and Export Destinations of Marigold Dye (No.: annual, 2004-2009 and January-September 2010)
 - Number of Exporting Companies and Export Destination Annatto Coloring (No: annual 2004-2009 and January-September 2010)
 - Number of Exporting Companies and Export Destination Oleoresin Extraction (No: annual 2004-2009 and January-September 2010)

- Exponential Growth average export price of cochineal
 - Marigold: Average Export Price (U.S. \$ / Kg: monthly, 2007-2010)
 - Carmine Cochineal: Average Export Price (U.S. \$ / Kg: monthly, 2007-2010)
 - Annatto: Average Export Price (U.S. \$ / Kg: monthly, 2007-2010)

- Extracted oleoresins imports boost growth in natural dye imports
 - Evolution of Natural Dye Imports (U.S. \$ and Var. %: Annual, 2004-2009 and forecast 2010-2011)
 - Average Price of Natural Dye Imports (U.S. \$ / TM: monthly, 2007-2010)

- Reduced demand of marigold dye imported in the first nine months of 2010
 - Natural Dye Imports by Product Type (U.S. \$: annual, 2008-2009 / January-September, 2009-2010)
 - Natural Dye Imports by Product Type (TM: annual, 2008-2009 / January-September, 2009-2010)

- China leads natural dye imports
 - Natural Dye Imports by Product Type and Country of Origin (U.S. \$: annual, 2008-2009 / January-September, 2009-2010)
 - Peru Innova main importer of natural dyes
 - Imports of Natural Dye by Product Type and Company (U.S. \$: annual, 2008-2009 / January-September, 2009-2010)
 - Business Dynamics
 - Development of Export Price Carmine Cochineal extraction and oleoresins (U.S. \$ / Kg: monthly, 2007-2010)
 - Carmine Cochineal: Comparison of Value and Volume Exports (U.S. \$ and TM: monthly, 2008-2010)
 - Extracted oleoresins: Comparison of Value and Volume Exports (U.S. \$ and TM: monthly, 2008-2010)
6. Trends and risk analysis: SWOT Analysis (Strengths, Weaknesses, Opportunities and Threats)
- Matriz de fortaleza y debilidades.
 - Matriz de oportunidades y riesgos.