



Iodine salt and IDD control

Tong Yuxiang

Chairman of Jiangsu salt industry group, China
Professorate Senior Economist
Senior Engineer

Abstract

- Since China began the implementation of Universal Salt Iodization strategy to prevent iodine deficiency disorders in 1995, through the continuous monitoring of the implementation and the adjustment of the amount of iodized salt, which has made remarkable achievements in the elimination of IDD and won the recognition of the WHO.
- This article by stating the correlation of salt iodization and elimination iodine deficiency disorders, how to make the salt iodization project be different, diversified, more scientific and reasonable in the course of the reform of the salt industry in China, some opinions and suggestions are put forward at the end of this article.



- I . An Overview of China's USI
- II . The Effect of Iodized Salt on Human Health
- III . Discussion on a Differentiated, Diversified, Scientific,
Reasonable Salt Iodization Solution Under China's Salt
Industry Reform
- IV. Conclusion

I . An Overview of China's USI

1.The Context and Implementation of USI in China

- In 1995, the General Administration of Quality Supervision, Inspection and Quarantine enacted the "Standards for IDD Elimination" (GB16006-1995) and formally approved USI.
- In 1996, the State Council enacted the "Table Salt Monopoly Regulations", started a state monopoly on table salt and promoted USI.
- In 2008, the Standardization Administration under the former Ministry of Health revised and issued the new "Standards for IDD Elimination".



2.China's Experience and Achievements in USI

- By the end of 2015, China's 28 provinces (autonomous regions/ municipalities) at the provincial level achieved the goal of eliminating IDD. Tibet, Qinghai, Xinjiang basically achieved the goal of eliminating IDD. 94.2% of China's counties remained IDD-free. Among the 128 countries and regions that have adopted USI, China is leading.

II. The Effect of Iodized Salt on Human Health

1. Iodized Salt and Iodine Nutrition

- In general, iodine deficiency can cause all kinds of diseases, in which endemic cretinism is the most serious and may even affect the overall quality of our population.
- As a result, adding iodine to salt and promoting USI are of great help and significance to improving our residents' iodine intake problems.

2. Standards for Iodine Content in Table Salt for Different Groups of People

Table 1 The Daily Iodine Intake Recommended by China Nutrition Society

| Age | Recommended daily iodine intake (μg) |
|-----------------|---|
| 0~3 years old | 50 |
| 4~10 years old | 90 |
| 11~13 years old | 120 |
| 14 years old | 150 (200 for pregnant and lactating women) |

III. Discussion on a Differentiated, Diversified, Scientific, Reasonable Salt Iodization Solution Under China's Salt Industry Reform

1. The Salt Industry's Reform in China

- The salt industry's structural reform has been implemented on January 1, 2017.
- We should start from salt administration, reform the salt wholesale and production regions, the government pricing mechanism and the experimental reserve system.
- The scheme also requires salt enterprises to keep pace with the times, establish a credit mechanism and emergency mechanism, promote scientific iodization, improve relevant laws and regulations.

2. China's USI Against a Background of the Salt Industry's Reform

- First, we should actively promote the salt industry's reform and improve relevant systems.
- Second, we should work with the health sector to strengthen monitoring and publicity.
- Third, we should strengthen scientific research and achieve scientific salt iodization.

IV. Conclusion

- As a result, in the tide of structural reform in the salt industry, we should improve the salt management, storage, supervision and emergency mechanism, strengthen monitoring and evaluation, conduct publicity actively, promote USI correctly, efficiently and safely, completely control and eliminate IDD, make contribution to improving the overall quality of Chinese residents.

Jiangsu Salt Group Introduction

- Jiangsu Salt Group has total assets of 15 billion yuan, annual production of salt and salt chemical products is 6.3 million tons, salt sales are 1.2 million tons, and the credit rating of the entity is AA+. The Group set up salt and salinization new materials, domestic and foreign trade, health product development, modern warehousing logistics, industrial investment, e-commerce and other business sectors, ranking first in the national salt industry company's comprehensive performance, is China's light industrial food Top 50 companies in the industry.

Jiangsu Salt Group's "six major advantages"

- 1.The advantage of the scale of resources. The reserves of rock salt and the production scale of single plant are the first in China.
- 2.The advantage of capital operation. It owns the main board listed companies with integrated production and marketing in China.
- 3.The technical advantage of salt chemical industry. It is the first national enterprise technology center in salt industry in China.

Jiangsu Salt Group's "six major advantages"

- 4.the brand advantage. Huaiyan has the history of 2500 and won the world awards such as the San Francisco Panama World Expo special award.
- 5.the advantages of storage and logistics. With warehousing and logistics facilities all over Jiangsu, the logistics information platform has been initially built.
- 6.the advantage of the integration of production and marketing. The first salt industry in China is a large salt making enterprise integrating science, industry and commerce.



Seeking international cooperation:

- The establishment of China International Salt Group Co., Ltd. has accelerated the international market layout; as the mainland's first salt product, the product has taken the lead in entering the Hong Kong market and is exported to more than 10 countries such as Korea, Japan, Indonesia, and Malaysia.
- Adhere to the promotion of international operations, increase cooperation with world-renowned salt companies, technical cooperation and strategic cooperation, and continuously improve the market by opening up international markets, mergers and acquisitions, integration of international high-quality salt resources, introduction of international talents, and increased international procurement. Corporate international competitiveness.



E-mail: tyx373@sina.com

Fax Number: 008625-86217903

Thanks!