

Dairy Pulse 69th Edition (Sep1-15th,2018)

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86% of the milk being sold in India is safe to drink as per 2011 survey

Dear friends,

I feel that the milk quality monitoring through collaboration of various farmer's group and regulator is gaining momentum and even in last fortnight adulterated milk and milk products were caught and confiscated. Now let us start thinking **beyond adulteration and dark side of our dairy trade** and find out solutions to develop a safe eco system for production, collection, processing and delivery of safe milk through out the supply chain.

I was surprised to see a series of messages on social media as well as print media talking about the same old story of 68% adulterated milk and some serious concern being raised by WHO relating to milk consumption to cancer or other health hazards. With this edition of Dairy Pulse I would request everyone to just delete this virus of 68% adulterated milk (as per 2011 survey) from our minds. I have seen even senior and wise stakeholders mentioning it . Media just loves such bites but has any one thought of impact of this news on our farmers or industry ?

So I decided to share the actual interpretation of that report to everyone which may be verified from the report also.

Actually the title of the report must have been as captioned above in the title as

86% of the milk being sold in India is safe to drink as per 2011 survey

Salient findings of 2011 survey report

*** Not even a single sample was detected with Hydrogen peroxide, Sugar, Starch, Urea and vegetable fat.**

**** Only one sample had salt and two samples had neutralisers and that too from Assam, and Nagaland only.**

***** 100 % samples in which detergents found were from Eastern region only where milk is in shortage .**

****** Not even a single sample from any state from North, South ,West and Central region have shown use of any unsafe adulterant in both loose, packed or in rural or urban areas.**

(Isn't it remarkable for a country of our size and with so much of milk trade in place?)



The break up of 68.4% of total non compliance out of 1791 samples from all parts of the country is as follows :

- a. Non compliance arising out of fat or snf or both is : 23.7 %
- b. Non compliance arising out of addition of powder with fat or snf or both (in some cases glucose also) is : 30.6 %

Total non compliance on fat/snf standards or addition of SMP : 54.3%

(Which makes total of non compliance or mixing of edible element for commercial gains as 54.3%. **We can not make out whether this glucose was mixed in milk or not as there was not a single case wherein glucose was found alone in milk. It was always found with SMP.** We may also infer that the intermediaries supplying to SMP plants may be doing it for commercial gains as they are supplying in large quantities to them. **In other words the adulteration was not intended to be done in raw milk for sale directly to consumers.**)

Now let us look at the **positive side of this survey** which has not been mentioned in any of the media news since last seven years and not even highlighted by any stakeholder for that matter.

Not even a single sample was detected with Hydrogen peroxide, Sugar, Starch, Urea and vegetable fat. Only one sample had salt and two samples had neutralisers , rest all were detergents. Let us examine the results further.

- a. Non compliance due to presence of detergents and Neutralisers : 14.05 %
- b Non compliance due to presence of salt NaCl : 0.05 %

Total non compliance on standards or addition of detergent, neutralizer and salts : 14.1%

Which makes total non compliance of any form as 68.4%

Had media shared this report to the masses 7 years back, then our dairy industry would have been at a much better perceptual positioning with global and domestic stakeholders.

For the first time I am requesting all of **you to share it with as many persons** you know as possible **for the benefit of the industry as well as dairy farmers.**

Happy e-learning

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