

Appendix - J

Lesson Plan - Morphological Analysis

VIII Std Topic: North America: Agriculture
 Geography Date : 14-11-1975

What are the different ways of consumption of agricultural products in North America? How are they possible and not?

The students know already the vast natural resources of North America and its agriculture. They are going to learn in this lesson the ways of consumption of the agricultural products. The teacher first elicits the main and sub parameters of the problem and writes down on the black board as the following:-

<u>Commodity</u>	<u>Consumer</u>	<u>Form of consumption</u>
corn	human	bread
wheat	cattle	cattle feed
oat	poultry	poultry feed
soya been	manufacturing	edible oil
cotton	industries	beverages
barley		cigarettes
tobacco		eggs, mutton,
fruits		beef etc.
		textiles and
		other products

After the morphological chart as above is prepared, the teacher asks the students to combine the parameters to get the possible ways of consumption. The possible answers may be like the following:-

- (1) Wheat is consumed by man in the form of bread and other products.
- (2) Corn is made use of for the cattle and poultry which in turn are giving eggs and porks, etc.

- (3) Tobacco is consumed as cigarettes, manufactured from the factory.
- (4) Cotton is used in the preparation of textiles.
- (5) Fruits are treated through factories; beverages are made out of it.
- (6) Barley, oats, etc are useful for human consumption and to a certain extent for cattle and poultry also.
- (7) Edible oils are prepared for human consumption from cotton and soya bean seeds, etc.

Like this all the possible combinations are noted down. The impossible combinations are discussed with reasons orally and rejected by the class.