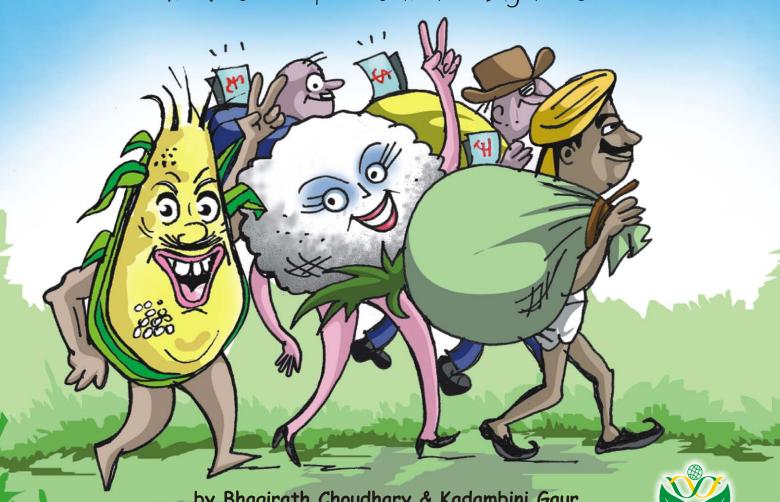
MANDY & FANNY

The Future of Sustainable Agriculture

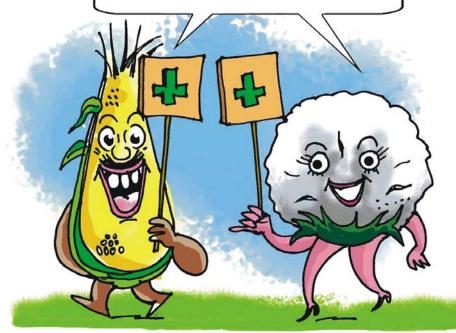


by Bhagirath Choudhary & Kadambini Gaur
Illustrated by Irfan Khan

MANDY & FANNY

The Future of Sustainable Agriculture

Safer, better & affordable food and green environment



by Bhagirath Choudhary & Kadambini Gaur Illustrated by Irfan Khan



"Dedicated to Dr. Clive W. James, Glenys Menai James and ISAAA"

--- Bhagirath Choudhary & Kadambini Gaur

Published by: The International Service for the Acquisition of Agri-biotech Applications (ISAAA)

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ISAAA on net: For more information including the copy of selected images and video of Mandy & Fanny visit: www.isaaa.org and www.isaaa.org/india

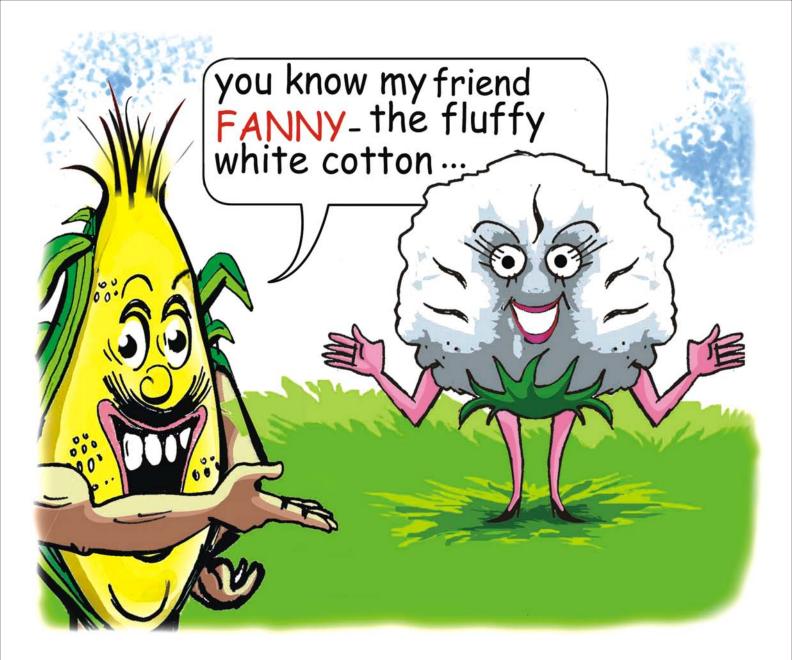




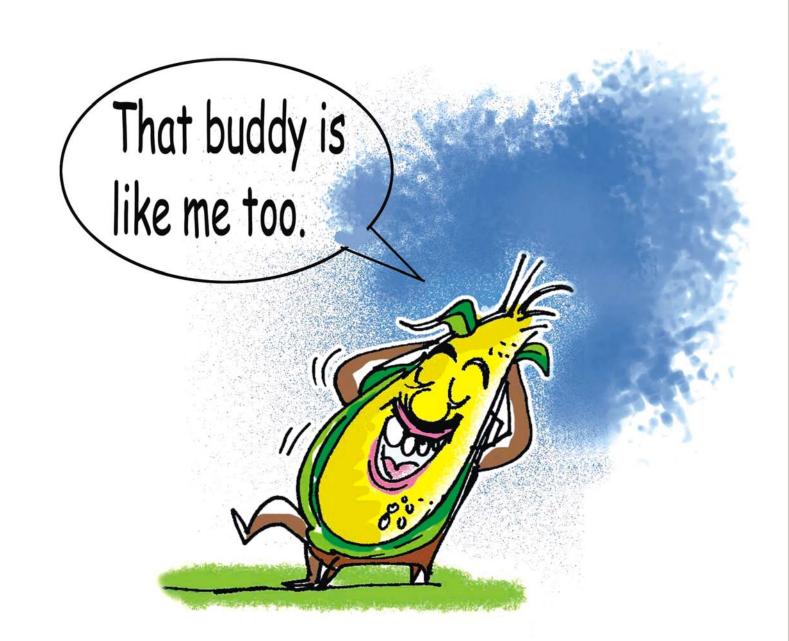






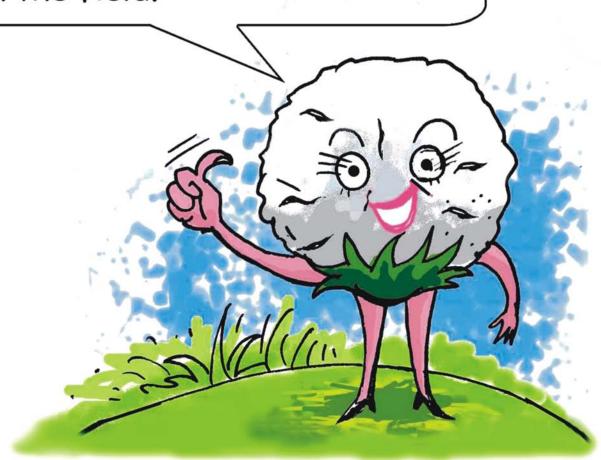


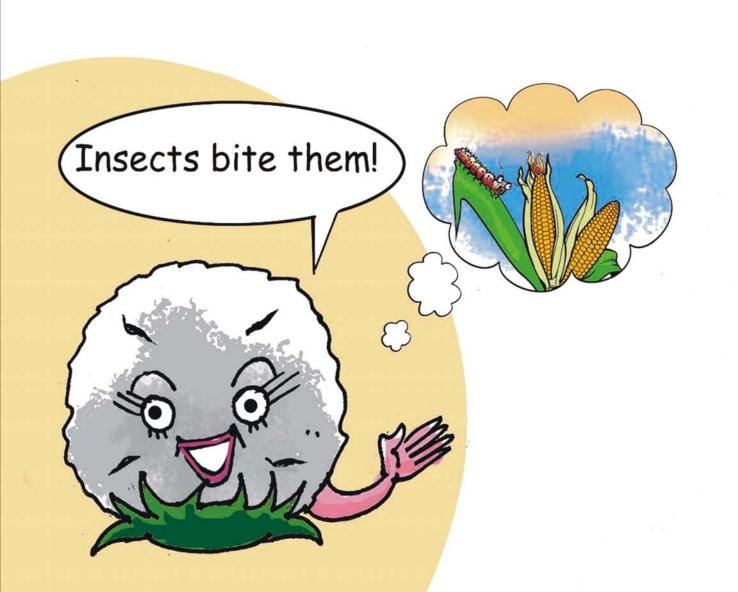






Our friends in some other countries aren't as strong and sturdy as we are. They continue to fear growing out in the field.





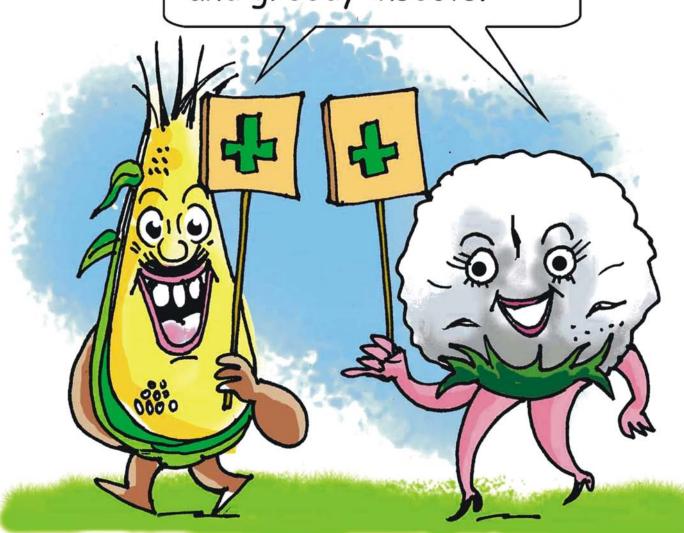






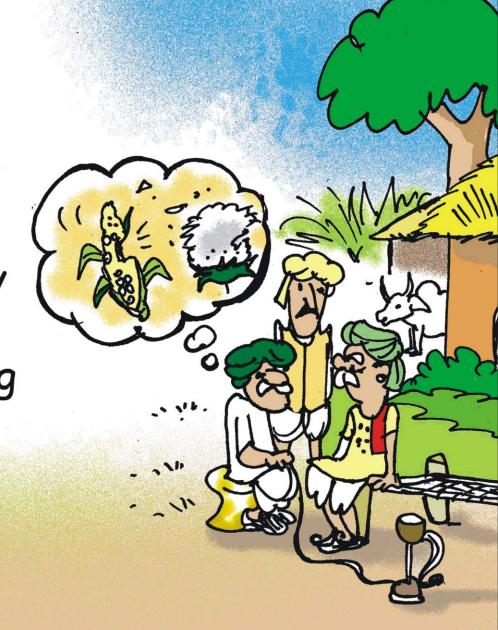




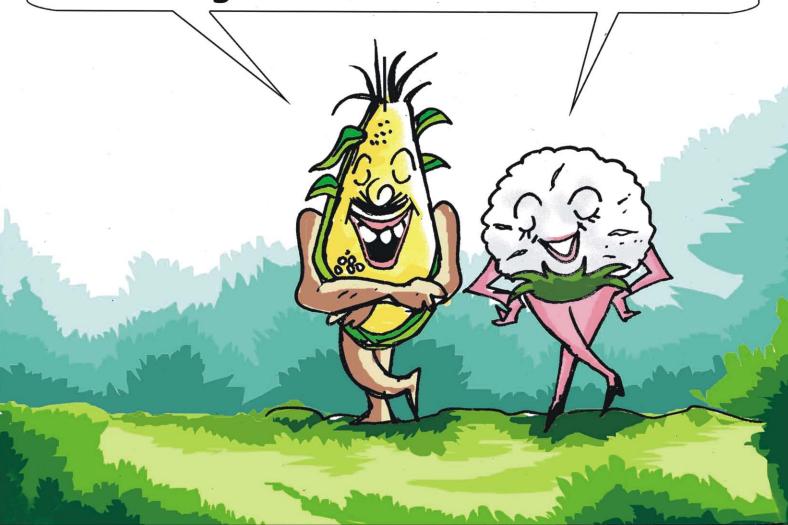


In the past, insects used to feed on us and damage us when we were at a young age. We became weak. Our growth was stunted. They even made us look ugly.

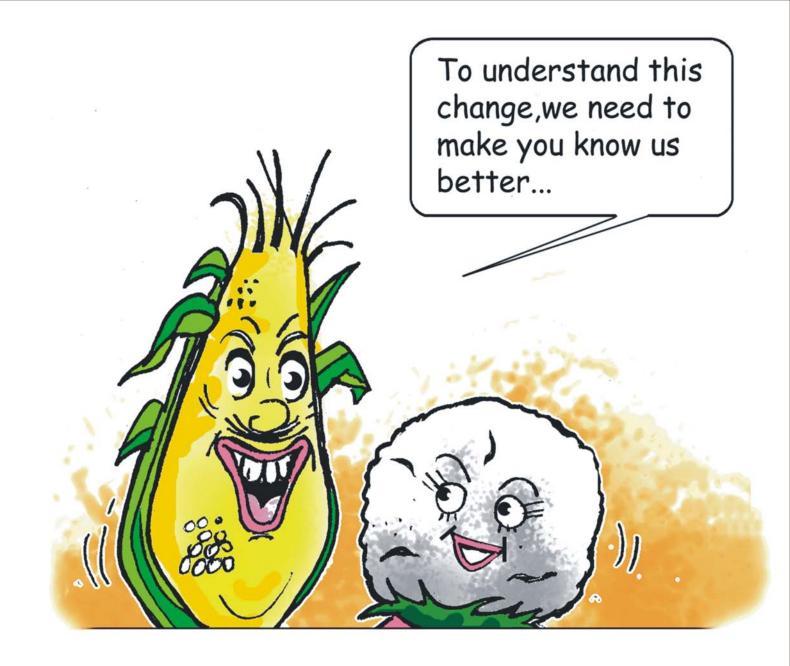
We were not liked by our growers. They disowned us for something better.

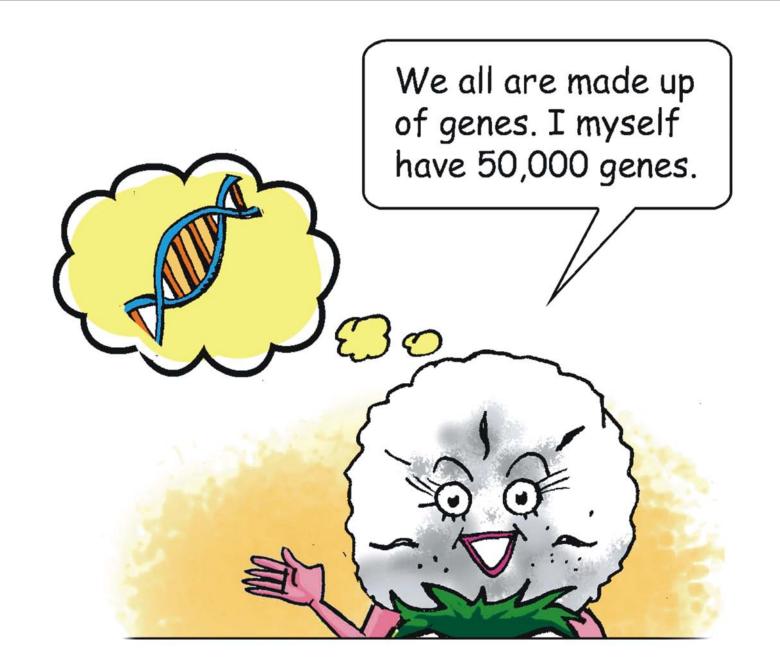




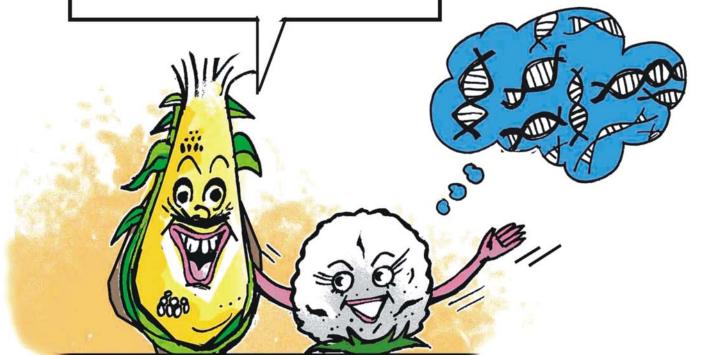




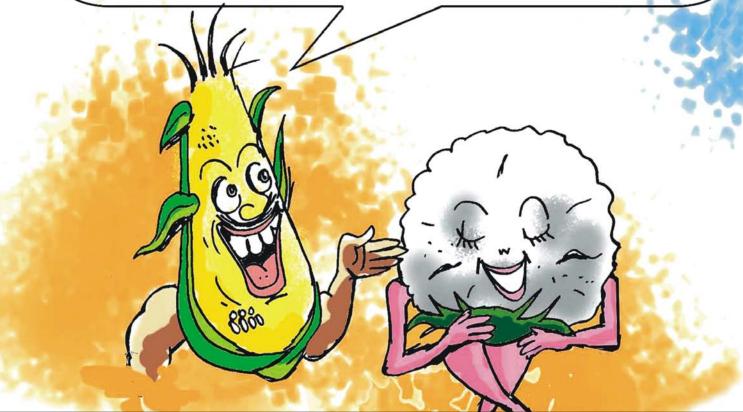


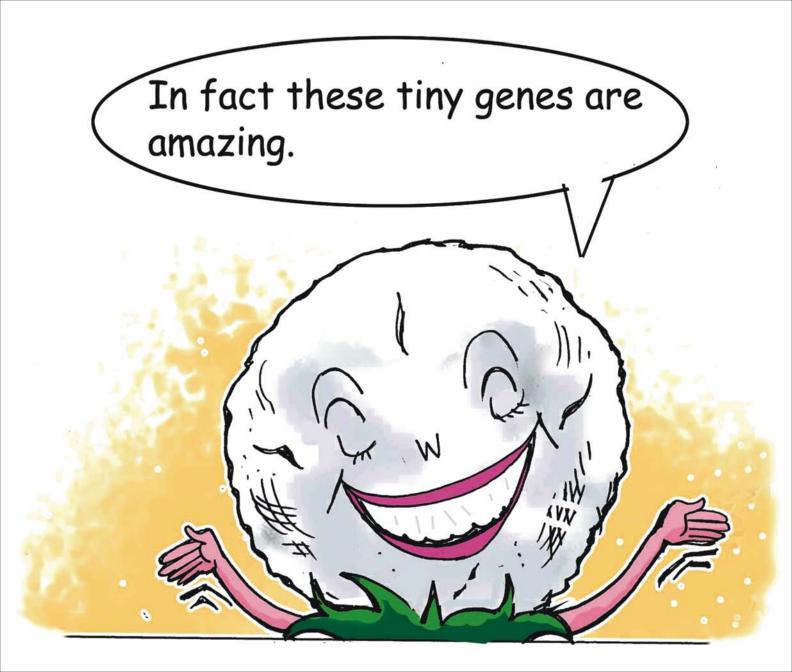


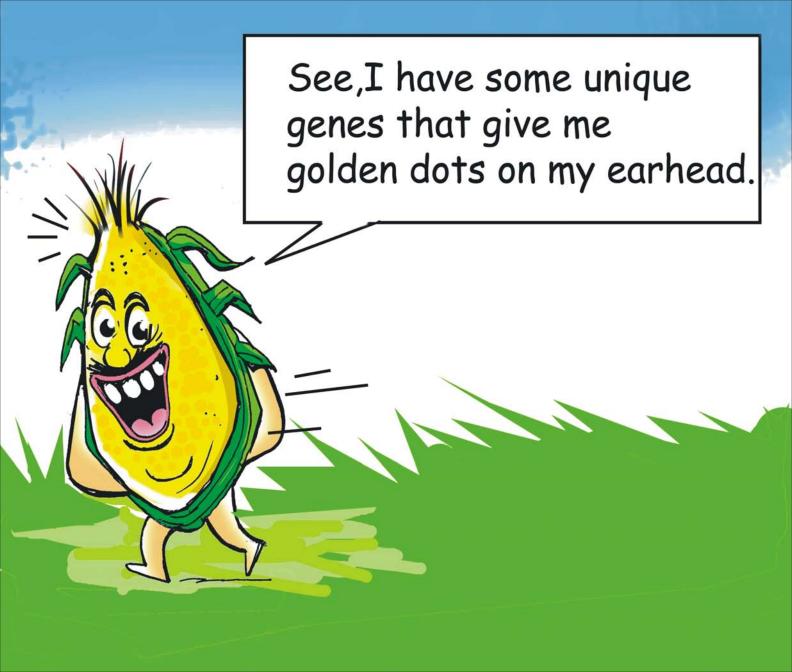
I'm made up of 59,000 genes, slightly more than my friend Fanny. These genes play a vital role in making of what we're and how we look.



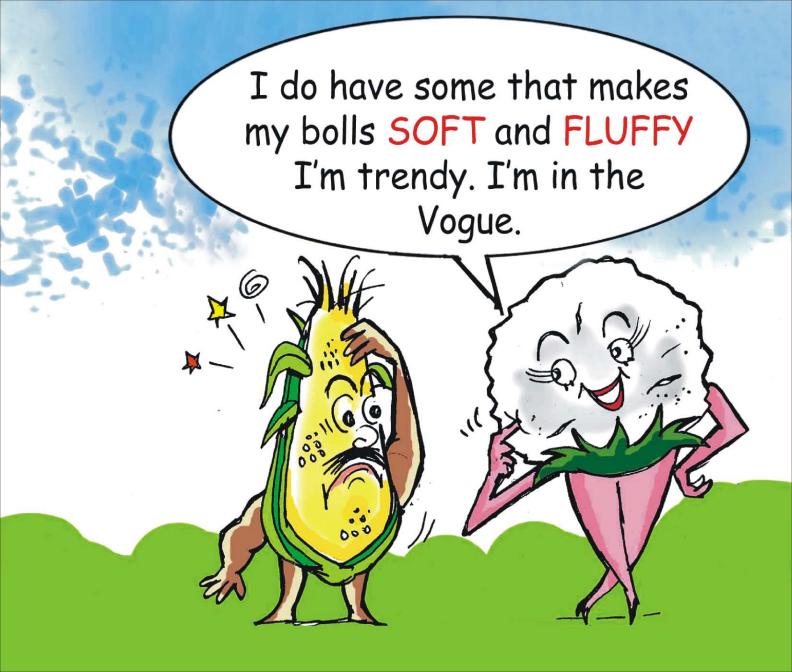
Genes make our roots, stem, stalks, leaves, flowers, pollen and fruits. Genes give us life, grow us and look after us until we die.







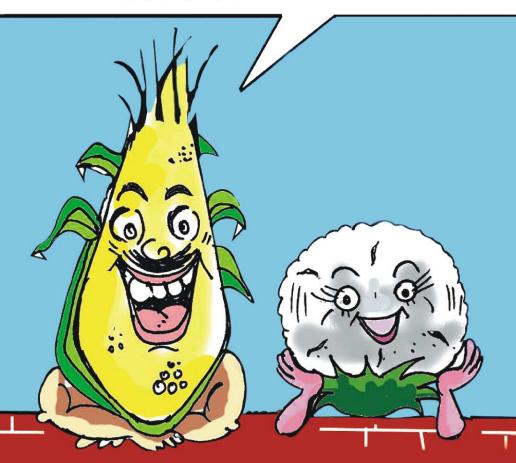


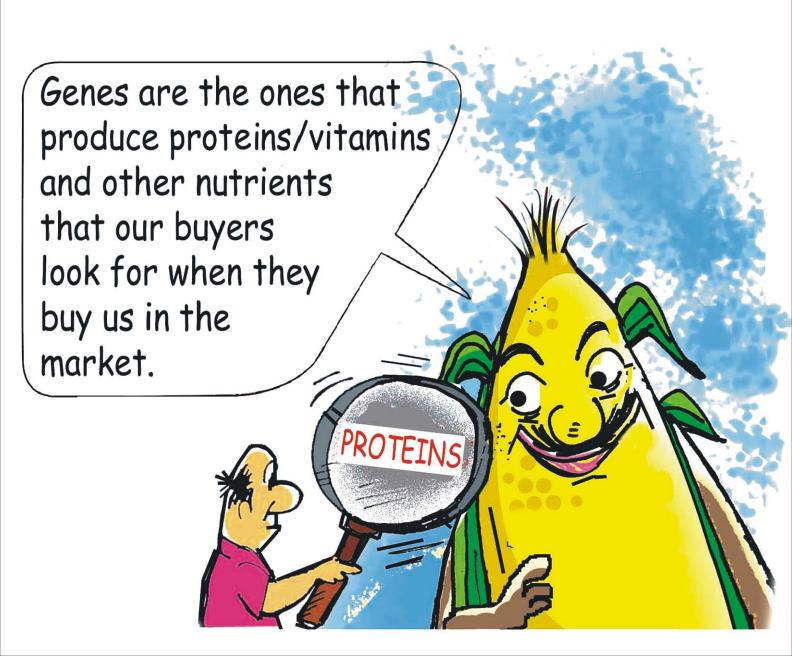


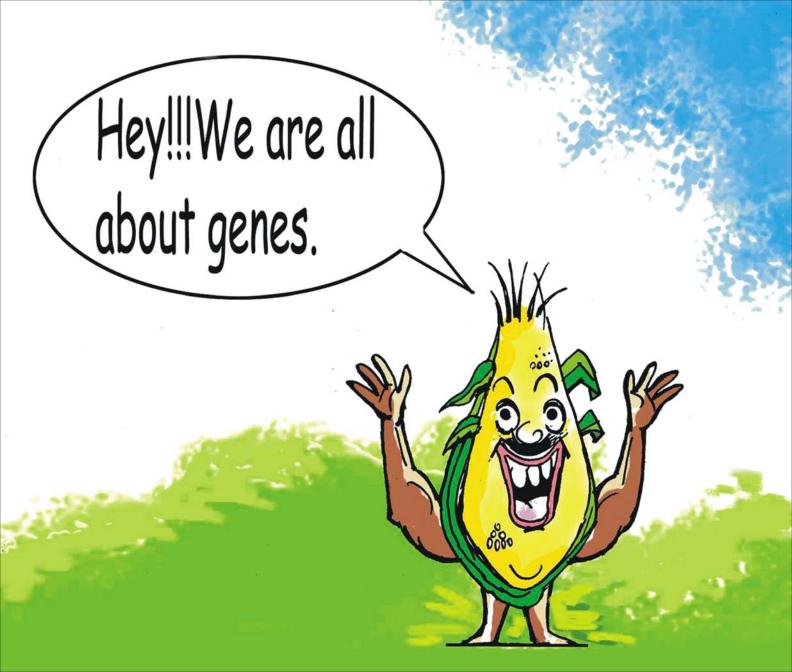
There're some genes similar in both of us that help us fight with insects, some help us to grow in difficult situations.



Some genes help us adapt to changing climate and some make us look beautiful.

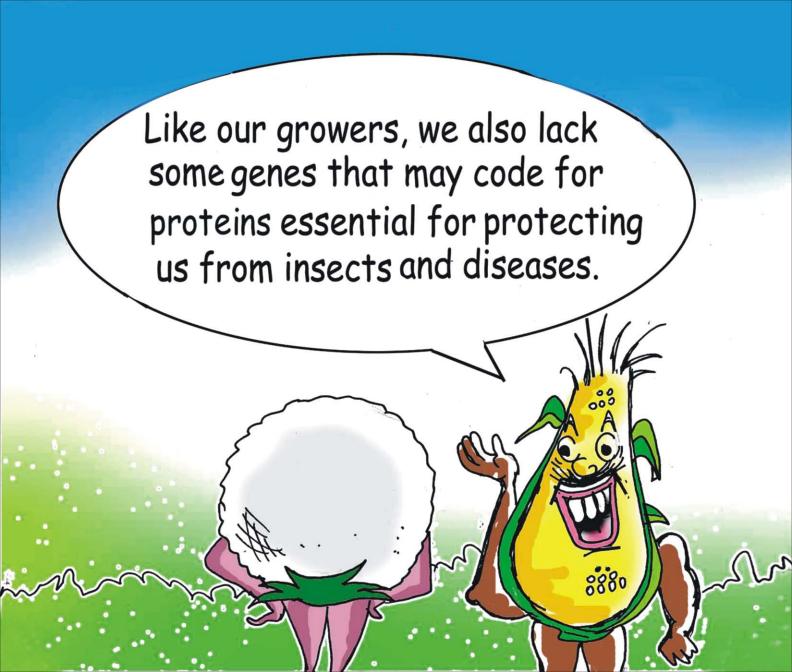


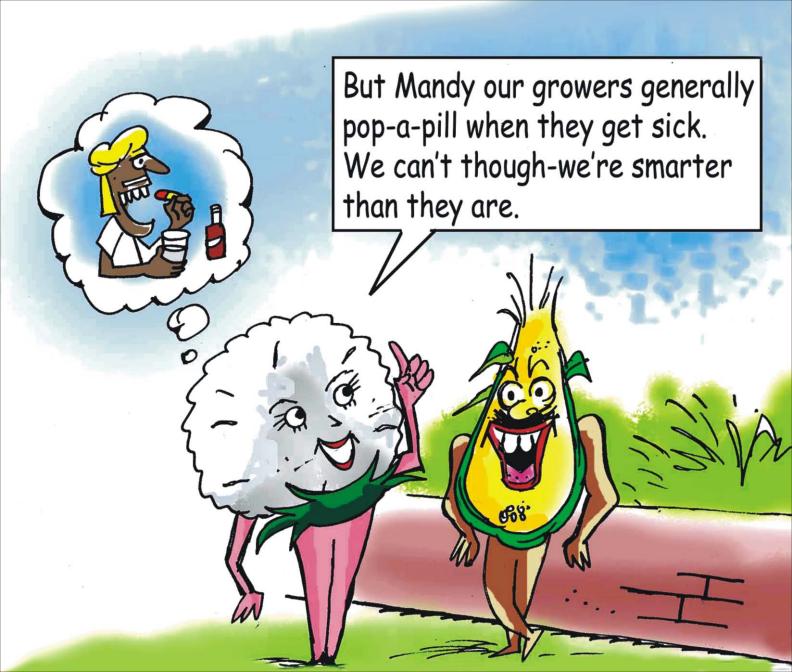


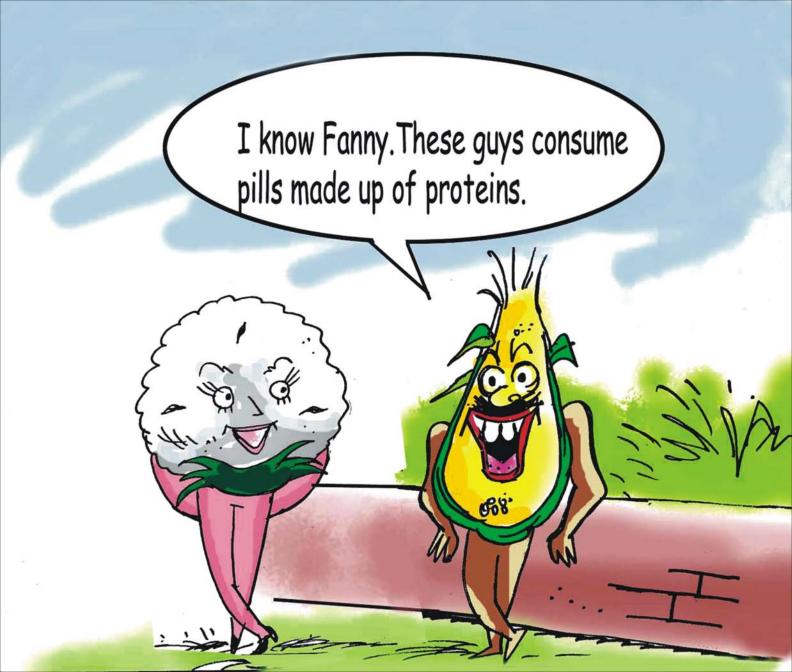


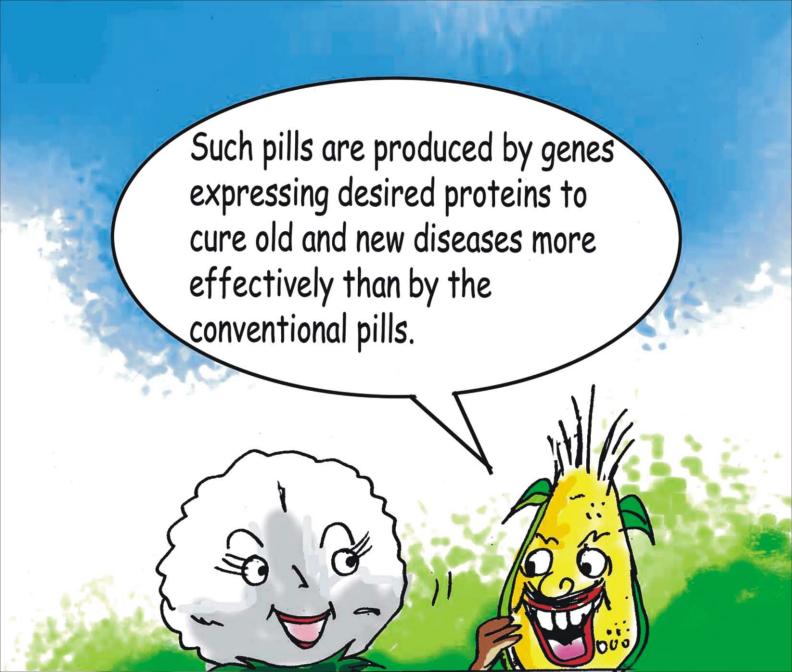
Did you know our growers have fewer genes than us. It seems they are not as smart as we are. They are made up of half the genes that we have.







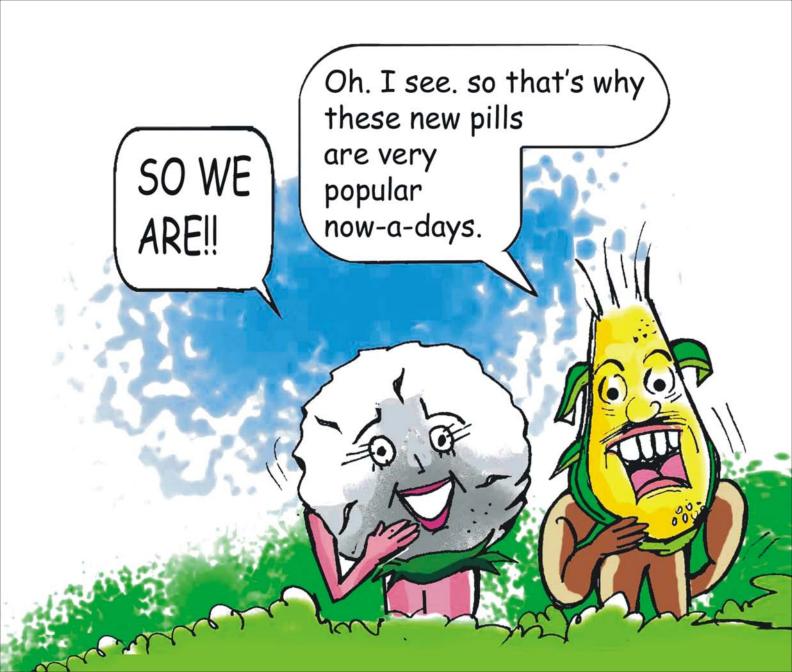




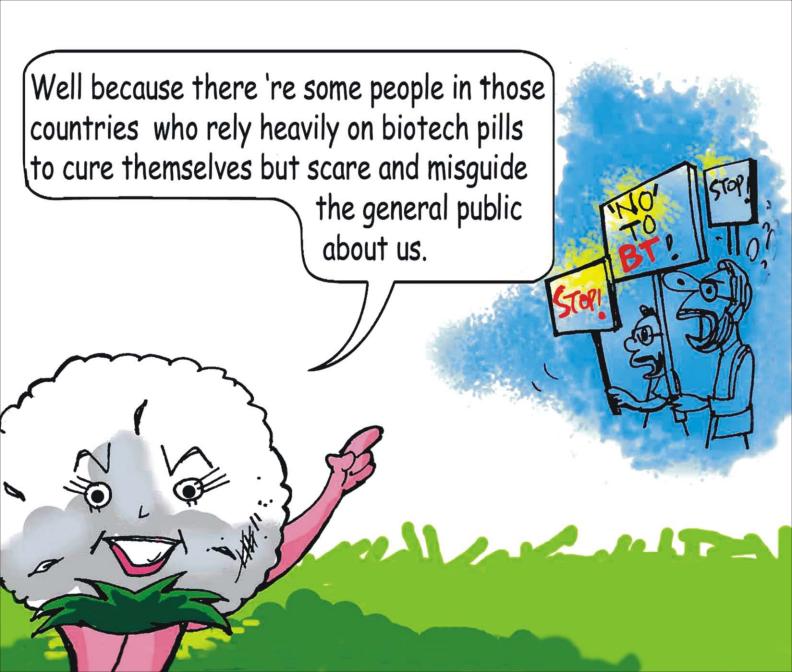


They all are called biotech pills.







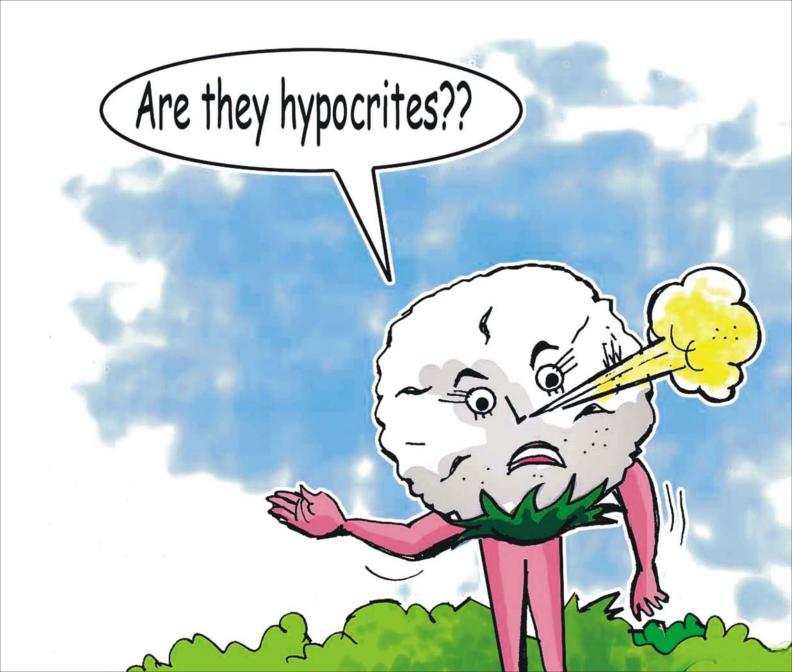


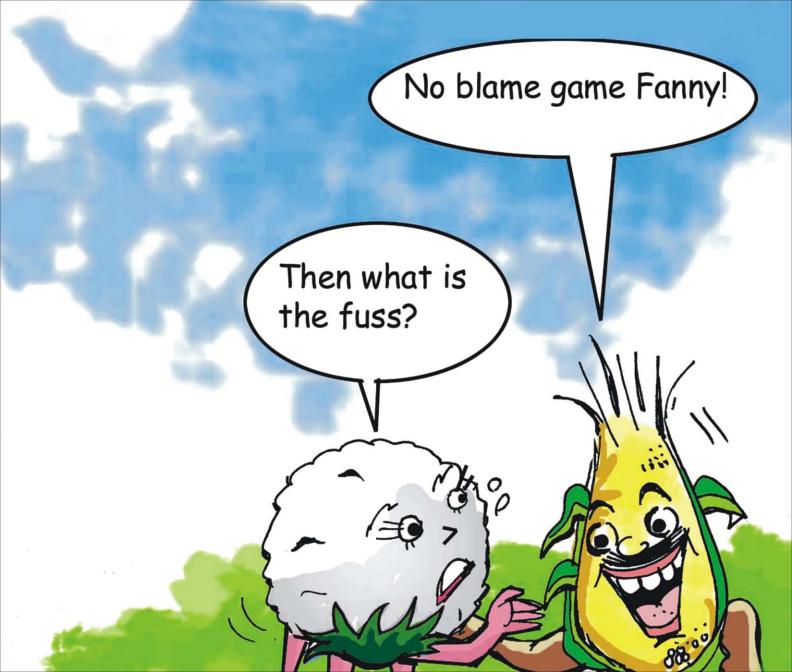


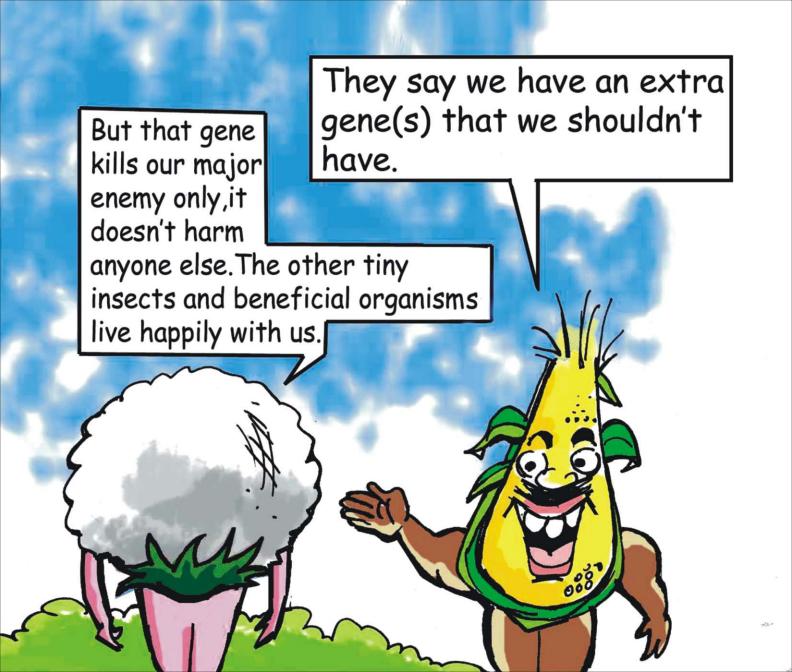
They all eat food produced by us.

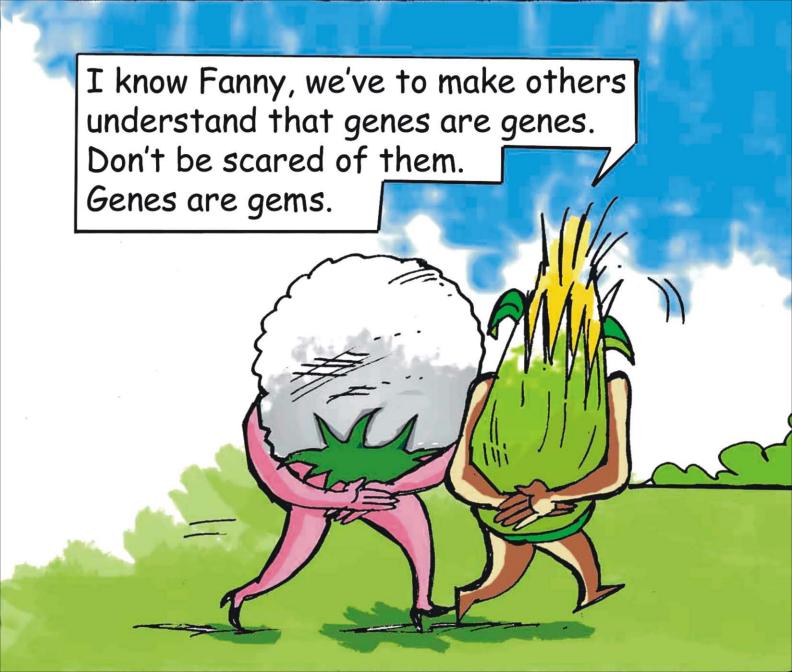


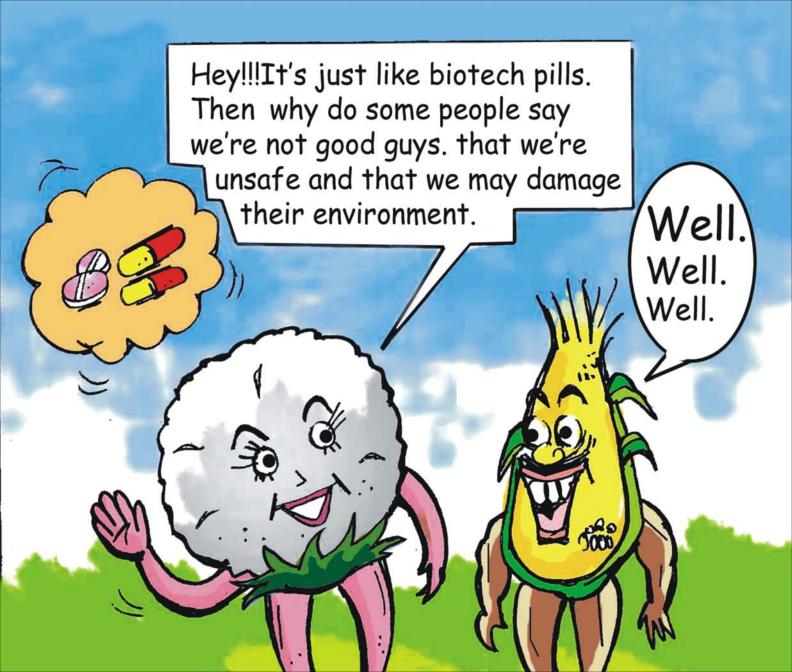




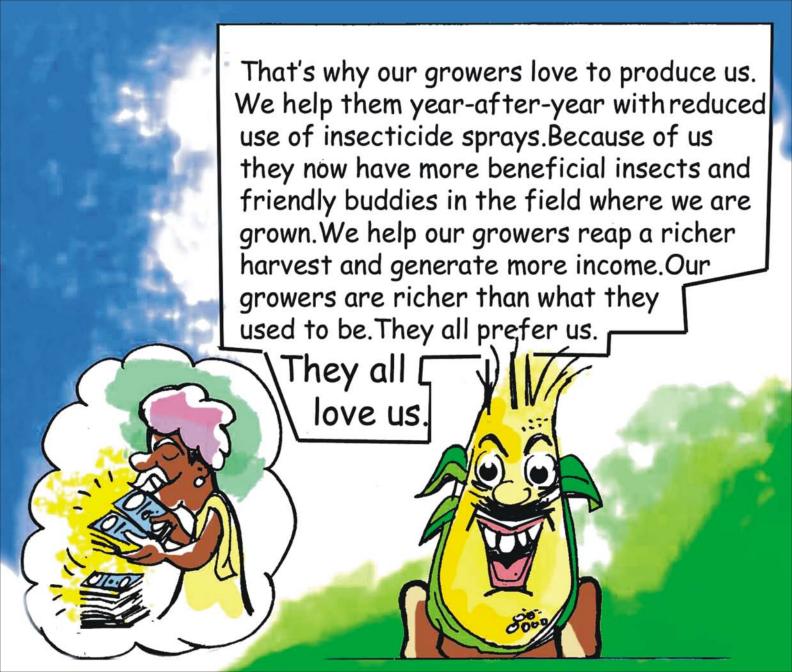


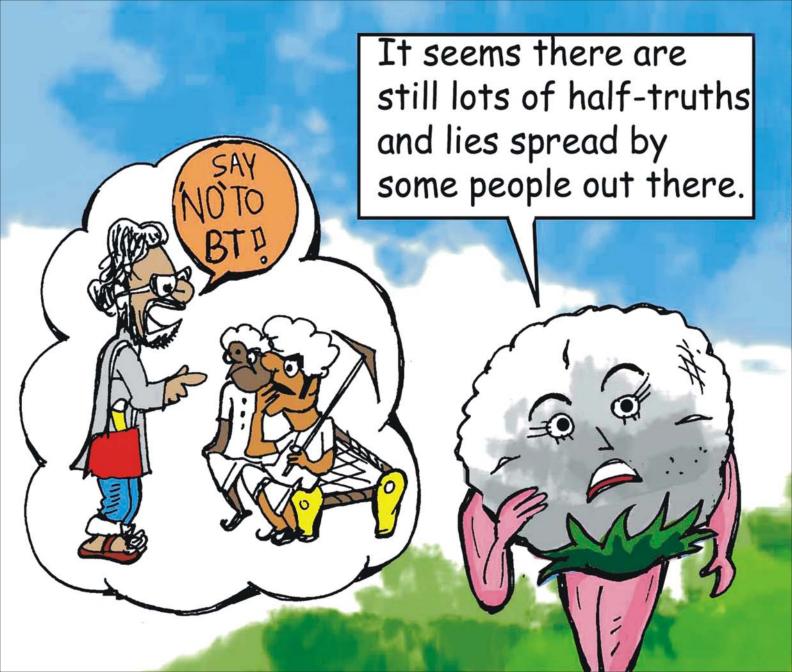


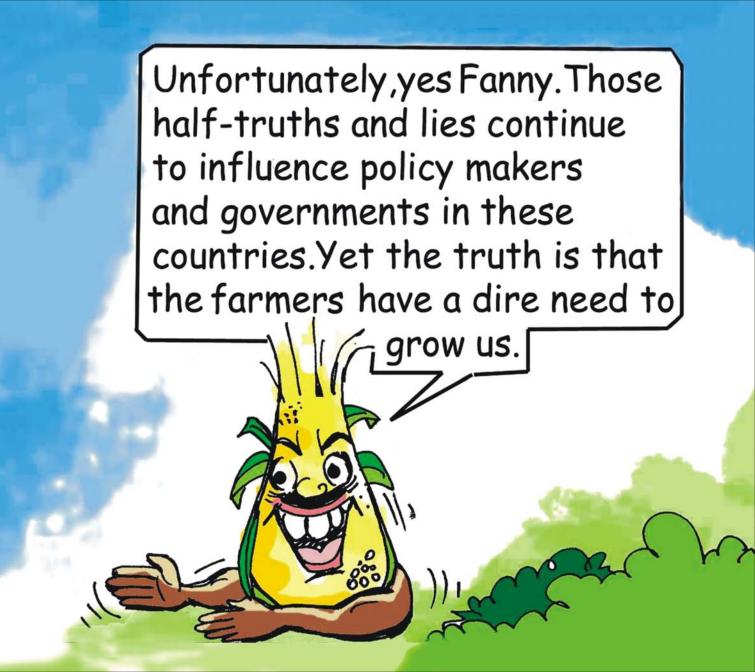




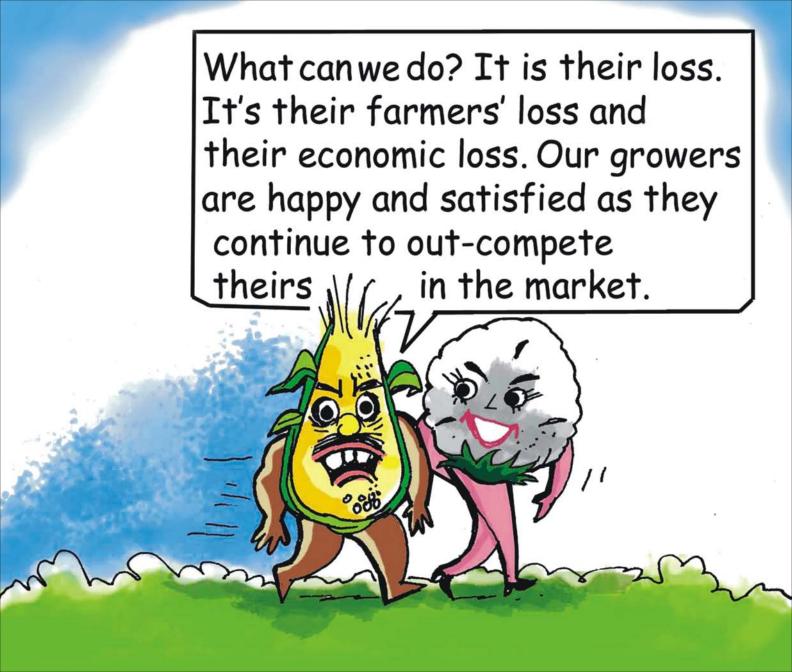
















| Do you remember? |
|---|
| Tick (√) the right answer. |
| 1). The names of main characters in the comic are? |
| a). Mandy and Fanny |
| b). Manu and Tanu |
| c). Michael and Michelle 🔙 |
| d). Momos and Fiona |
| 2). What inspired the authors of the comic to coin the term "Fanny" for biotech cotton? |
| a). Fibre |
| b). Fun |
| c). Fashion |
| d). Frisbee |
| 3). The authors of the comic relate "gene" whic is the basic building block of all living organisms like human beings, animal, plants etc with? |
| a). Jugaad |
| b). James |
| c). Gems |
| d). Jewellery |

| 4). ISAAA estimates that more than a billion hectares of accumulated land is planted with biotech/genetically modified (GM) crops since its inception. In which year were biotech crops officially commercialized? |
|--|
| a). 1986 b). 1996 c). 1998 d). 2006 |
| 5). Dr. Norman E. Borlaug, the founder of World Food Prize and the founding patron of ISAAA was awarded the Nobel Peace Prize for a lifetime of work to feed a hungry world in 1970. |



What was his major contribution?

d). Green Revolution

Answers

5). d, 4). b, 3). c, 2).c, 1). a



