

PUBLIC UNDERSTANDING OF BIOTECHNOLOGY

46. Apart from the brand name, how often do you read the information on food labels?

Never	Seldom	Sometimes	Often	Always
1	2	3	4	5

47. What information would you like to see on food labels

[Fieldworker: Do NOT read list - multiple response]

a.	Contains pesticides	1
b.	Contains GMOs	1
c.	Fat content	1
d.	Health benefits	1
e.	Grown locally	1
f.	Country of origin	1
g.	Certified organic	1
h.	Irradiation	1
i.	More info on ingredients	1
j.	Other	1
k.	Don't know	1

48. What do you think of when you hear the word *Biotechnology*:

49. Is this thought about biotechnology negative or positive?

Very negative	Negative	Neither/nor	Positive	Very positive	Don't know
1	2	3	4	5	6

50. What do you think of when you hear the word *genetic engineering*:

51. Is this thought of genetic engineering negative or positive?

Very negative	Negative	Neither/nor	Positive	Very positive	Don't know
1	2	3	4	5	6

52. What do you think of when you hear the word *genetic modification*:

53. Is this thought of genetic modification negative or positive?

Very negative	Negative	Neither/nor	Positive	Very positive	Don't know
1	2	3	4	5	6

54. What do you think of when you hear the word *cloning*?

55. Is this thought of cloning negative or positive?

Very negative	Negative	Neither/nor	Positive	Very positive	Don't know
1	2	3	4	5	6

Of the following list of new technologies that are currently developing, please say whether you think they will improve, worsen or have no effect on our way of life in the next 20 years?

[FIELDWORKER: Read out options]

	Improve	No Effect	Worse	Don't know
56. Solar energy	1	2	3	4
57. Computers & information technology	1	2	3	4
58. Biotechnology /Genetic engineering	1	2	3	4
59. Nanotechnology	1	2	3	4
60. Space exploration	1	2	3	4
61. Nuclear energy	1	2	3	4
62. Mobile phones / cell phones	1	2	3	4

63. As far as you know, have you ever eaten any food containing GM (Genetically Modified) ingredients?

Yes	1
No	2
Do not know	3

64. Can you name any foods containing GM ingredients on sale in shops or supermarkets in South Africa? If **yes**, please specify which foods.

[Fieldworker: Do not read list]

a.	Apples	1
b.	Canola	1
c.	Carrots	1
d.	Cereals/grains	1
e.	Cooking oils	1
f.	Maize	1
g.	Fruits – general	1
h.	Lettuce	1
i.	Meats/poultry – general	1
j.	Milk/dairy/cheese/yoghurt/eggs	1
k.	Potatoes	1
l.	Processed foods (cookies, breads, prepared foods etc)	1
m.	Soy bean products	1
n.	Tomatoes	1
o.	Vegetables – general	1
p.	Rice	1
q.	Taco shells	1
r.	Other foods (Specify)	1
s.	Everything	1
t.	Not asked question	1
u.	Don't know or no answer	1

Factual Knowledge

[FIELDWORKER: Read out and randomise questions asked]

	True	False	Don't know
65. Ordinary tomatoes as well as genetically modified tomatoes contain genes	1	2	3
66. By eating genetically modified fruit your genes could also become modified	1	2	3
67. Yeast brewed for beer is made of living things	1	2	3
68. It is possible to find out in the first few months of pregnancy whether a child will have Down's Syndrome	1	2	3
69. Genetically modified animals are always larger than ordinary animals	1	2	3
70. It is possible to put animal genes into plants	1	2	3

ATTITUDES AND JUDGMENTS

Biotechnology is the use of living things to create products and services to meet our needs and desires.

71. Have you heard of this before?

Yes	1
No	2
Do not know	3

72. To what extent do you agree that "BIOTECHNOLOGY" is a risk for society?

Strongly agree	Agree	Neither/nor	Disagree	Strongly disagree	Don't know
1	2	3	4	5	6

73. To what extent do you agree that biotechnology is morally acceptable?

Strongly agree	Agree	Neither/nor	Disagree	Strongly disagree	Don't know
1	2	3	4	5	6

74. If you have negative feelings about biotechnology, genetic engineering, genetic modification or cloning, what is the single most important reason for these negative feelings?

[Fieldworker: Don't read list]

Violates religious/ethical principles	1
Is unhealthy for humans	2
Is unhealthy for animals	3
Is unhealthy for environment	4
Changes the taste or nutritional value of the food	5
Is just wrong	6
Other (specify)	7
Don't know	8

The following practices use biotechnology. Do you think they should be stopped or continued?

		Stopped	Continued	Don't know
75.	Making foods such as bread and cheese	1	2	3
76.	Moving genes from plants to make crops resistant to insect pests	1	2	3
77.	Using living things to make medicines	1	2	3
78.	Making biodegradable plastics (plastics that are not harmful to the environment)	1	2	3

TRUST

79. Which ONE of the following organisations do you trust MOST to tell you the truth about biotechnology?

[FIELDWORKER: Read out and only one option]

Universities	1
Consumer organisations	2
Environmental groups	3
SA Government	4
Religious organisations	5
Media	6
Industry (Private sector)	7
Don't know	8
None	9

Please say whether you agree or disagree with each of the following statements:

[FIELDWORKER: Read out options]

		Agree	Disagree	Don't know
80.	I would buy genetically modified maize if were healthier	1	2	3
81.	I would buy genetically modified maize if it cost less than ordinary maize	1	2	3
82.	I would buy genetically modified maize if it were grown in a less damaging way to the environment	1	2	3
83.	I would buy genetically modified maize if it tasted better	1	2	3
84.	I would support the police having access to everybody's genetic information to help solve crimes	1	2	3
85.	I would be willing to eat the eggs of chickens fed on genetically modified maize	1	2	3

86. Where would you MOST like to get information about biotechnology?

[FIELDWORKER: Read out – only one response]

Television	1
Radio	2
Newspapers	3
Magazines	4
Internet	5
All of the above	6
Other (specify)	7
Not interested	8

87. Which ONE of the following uses of biotechnology would you like to know more about?

[FIELDWORKER: Read out – only one response]

Health/medical	1
Cloning	2
GM foods/agriculture	3
Industrial	4
Environmental	5
Other (Please specify)	6
Do not know	7