Transgenic Organisms Assignment.

Name=\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Mark= /12

Task.

Choose an example of a transgenic organism. There are a lot of them on the net(if you cannot find one do Golden Rice **OR** Bt-Corn). Then fill in the table below on your transgenic organisms.

You will need to use the internet.

You will need to record at least two sites that you used.

You need to use the correct layout shown in your student diary to show your references.

An example has been shown below.

|  |  |  |
| --- | --- | --- |
|  | Information | Mark |
| Chosen Transgenic organisms | Glofish | 1 |
| Describe what has been done | A gene extracted from a [jellyfish](http://en.wikipedia.org/wiki/Jellyfish), that naturally produced bright green [fluorescence](http://en.wikipedia.org/wiki/Fluorescence) was inserted into fish DNA.  As a result the fish glow when light is shone on them. | 3 |
| Sate the **reasons** that this Transgenic organism has been developed. | The fish have been produced to be amusing(1 MARK). People will buy them for entertainment(1 MARK).  The product is designed to make money for the company(1 MARK). | 3 |
| State any reasons why people might **disagree** with the existence of this Transgenic organism. | It is not done for any scientific purpose, just to make money  (1 MARK).  The company owns genes, and some people think that no one should own genes(1 MARK)..  It is tampering with nature.  It is playing God(1 MARK).  The GMO fish might mate with normal fish and spread the new genotype. | 4 |
| Internet reference 1. | Gofish. (2010). Retrieved November 20, 2013, from <http://www.GloooGlo.wa.au/(Glofish)> (2010) (20.11.2013) | 1 |
| Internet reference 2. | Glowing fish. (2011). Retrieved November 20, 2013, from <http://www.transmission.wa.au/(Goldfish)> (2010) (20.11.2013) | 1 |
| TOTAL | | 13 |

|  |  |  |
| --- | --- | --- |
|  | INFORAMITON | MARK |
| Chosen Transgenic organisms |  | 1 |
| Describe what has been done |  | 3 |
| Sate the **reasons** that this Transgenic organism has been developed. |  | 3 |
| State any reasons why people might **disagree** with the existence of this Transgenic organism. |  | 4 |
| Internet reference 1. |  | 1 |
| Internet reference 2. |  | 1 |
| TOTAL | |  |