

2(a)(i)	<table><tr><td></td><td><i>E. turcicum</i></td><td><i>Z. mays</i></td></tr><tr><td>1 structural difference</td><td>chitin cell wall or no chloroplasts or hyphae / cells long and branching or syncytial / multinucleate / several nuclei per cell</td><td>cellulose cell wall or chloroplasts or no hyphae / cells not long and branching or one nucleus per cell ;</td></tr><tr><td>2 functional difference</td><td>heterotroph(ic) / parasitic / obtain food from host / do not photosynthesise</td><td>autotroph(ic) / phototrophic / photosynthesis(e) ;</td></tr></table>		<i>E. turcicum</i>	<i>Z. mays</i>	1 structural difference	chitin cell wall or no chloroplasts or hyphae / cells long and branching or syncytial / multinucleate / several nuclei per cell	cellulose cell wall or chloroplasts or no hyphae / cells not long and branching or one nucleus per cell ;	2 functional difference	heterotroph(ic) / parasitic / obtain food from host / do not photosynthesise	autotroph(ic) / phototrophic / photosynthesis(e) ;
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2(a)(ii)	any four from: 1 large groups divide into smaller groups ; 2 common / similar / shared, features within a group ; 3 <i>ref. three of:</i> kingdom – phylum – class – order – family ; 4 genus and species = binomial / Linnaean / Latin / scientific, name ; 5 (both in domain) Eukarya ; 6 different kingdoms / Fungi and Plantae ;									
2(b)(i)	any two from: 1 low percentage leaf damage means high resistance (to infection) ; 2 SKV50 = 22% <u>and</u> CML153 = 58% ; 3 SKV50 shows greater resistance (to infection) ;									
2(b)(ii)	continuous ;									
2(b)(iii)	any four from: 1 many / different / several / multiple, genes ; 2 affect, same trait / (percentage) area of leaf damage / resistance ; 3 <u>alleles</u> of, one / each, gene have a small effect ; 4 (different) <u>genes</u> have, additive / combined / interactive, effects ; 5 mathematical treatment to illustrate additive effect ;									