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| **1** **K** | **O** | **O** | **L** | **2** **S** | **T** | **O** | **F** | **D** | **I** | **O** | **X** | **I** | **D** | **E** |  |  |  |  |  |  |  |  |  |
|  |  |  |  | **T** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **3** **F** | **O** | **T** | **O** | **S** | **Y** | **N** | **T** | **H** | **E** | **S** | **E** |  | **4** **Z** | **U** | **U** | **R** | **S** | **T** | **O** | **F** |  |  |
|  |  |  |  | **F** |  |  |  |  |  |  |  |  |  | **U** |  |  |  |  |  |  |  |  |  |
|  |  | **5** **E** | **I** | **W** | **I** | **T** |  |  |  |  |  |  |  | **U** |  |  |  | **6** **E** |  |  |  |  |  |
|  |  |  |  | **I** |  |  |  | **7** **V** |  | **8** **M** | **I** | **N** | **E** | **R** | **A** | **L** | **E** | **N** |  |  |  |  |  |
|  |  |  |  | **S** |  |  |  | **E** |  |  |  |  |  | **G** |  |  |  | **Z** |  | **9** **G** |  |  |  |
|  |  |  |  | **S** |  | **10** **W** | **O** | **R** | **T** | **E** | **L** | **H** | **A** | **R** | **E** | **N** |  | **Y** |  | **L** |  |  |  |
|  |  |  |  | **E** |  |  |  | **B** |  |  |  |  |  | **A** |  |  |  | **M** |  | **U** |  |  |  |
|  | **11** **K** | **O** | **O** | **L** | **H** | **Y** | **D** | **R** | **A** | **A** | **T** |  |  | **A** |  |  | **12** **R** | **E** | **A** | **C** | **T** | **I** | **E** |
|  | **O** |  |  | **I** |  |  |  | **A** |  |  |  |  |  | **D** |  |  |  | **N** |  | **O** |  |  |  |
|  | **U** |  |  | **N** |  |  |  | **N** |  | **13** **H** |  |  |  |  |  |  |  |  |  | **S** |  |  |  |
|  | **D** |  |  | **G** |  |  |  | **D** |  | **U** |  |  |  |  |  |  |  |  |  | **E** |  |  |  |
|  | **B** |  |  |  | **14** **A** | **S** | **S** | **I** | **M** | **I** | **L** | **A** | **T** | **I** | **E** |  |  |  |  |  |  |  |  |
|  | **L** |  |  |  |  |  |  | **N** |  | **D** |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **O** |  |  |  |  |  |  | **G** |  | **M** |  | **15** **V** |  |  |  | **16** **W** |  |  |  |  |  |  |  |
| **17** **Z** | **E** | **T** | **M** | **E** | **E** | **L** |  |  |  | **O** |  | **E** |  | **18** **B** |  | **A** |  |  |  |  |  |  |  |
|  | **D** |  |  |  |  |  |  |  |  | **19** **N** | **I** | **T** | **R** | **A** | **A** | **T** |  |  |  |  |  |  |  |
| **20** **K** | **I** | **L** | **O** | **J** | **O** | **U** | **L** | **E** |  | **D** |  | **T** |  | **S** |  | **E** |  |  |  |  |  |  |  |
|  | **G** |  |  |  |  |  |  |  |  | **J** |  | **E** |  | **I** |  | **R** |  |  |  |  |  |  |  |
|  |  | **21** **C** | **E** | **L** | **L** | **U** | **L** | **O** | **S** | **E** |  | **N** |  | **S** |  |  |  |  |  |  |  |  |  |
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| |  |  | | --- | --- | | **Horizontaal** | | | **1** | Wordt gebruikt bij de fotosynthese | | **3** | Vindt plaats in alle groene delen van de plant | | **4** | Komt vrij bij de fotosynthese | | **5** | Een enzym is een | | **8** | Ander woord voor zouten | | **10** | Nemen het water op voor de plant | | **11** | Suiker is een | | **12** | Als stoffen worden omgezet in andere stoffen spreken we van een | | **14** | Omzettingen waarbij energierijke organische stoffen ontstaan | | **17** | Koolhydraat die veel in planten voorkomt | | **19** | Glucose kan samen met .......... worden omgezet in eiwitten | | **20** | Maat voor hoeveelheid energie | | **21** | Komt voor in de celwanden van planten | | |  |  | | --- | --- | | **Verticaal** | | | **2** | Alle processen in een organisme waarbij stoffen worden omgezet in andere stoffen | | **4** | pH | | **6** | Stoffen die reacties versnellen | | **7** | Proces waarbij energie vrij komt in je lichaam | | **9** | Belangrijke brandstof voor organismen | | **11** | Lichaamstemperatuur is gelijk aan die van de omgeving | | **13** | Dit deel van een blad neemt CO2 op uit de lucht | | **15** | Groep van organische stoffen die veel energie bevatten | | **16** | Komt vrij bij verbranding | | **18** | Tegenovergestelde van zuur | |