The plants that Complete their life cycle within a week are called EPHEMERALS

A Ephemerals always found in desert areas.

The plants that complete their life cycle within a year are called Annuals

while those within two fears are called
Biennial plants

The ones that Complete

Other life cycle in Several

years are called

perenials

grow tall with low biomess indicating that the height is not necessary an index of grow

& Growth is affected by the availability of NUTRIENTS

Movement in plants is generally slow and the direction of Stimulus may determine.

Most annual and Biennial plants are capable of producing flowers when external and internal conditions are made.

A kihen plants recieved internal and external factors the flower are produced only when a minimum age is obtained.

A Teaf area can be measured using a leaf area metre (LAM)

A The area Covered by the leaf is calculated as the area of the leaf.

not necessary an index of gravm. A Increase in size is assuissed by the increase in number Growth is affected by the of the lectes.

The product of metabliss origin and met of excess photosynthesis is GROWITH

The internal Conditions are normally HORMONES

F The external Conditions

are DAT LZNGTH AND

TEMPERATURE or photoperiodism

The Uninterripted day length required or the Minimum daylength required to induce a flowering response is Called

16:3

 $\breve{\omega}$

PHOTO PERIODISM

only flower when the daylength is longer than a certain critical value is celled LONG DAT PLANT

- Plants that will not flower untill they reciewe a short day length are Called SHORT DAY PLANTS

A The plants that are
day neutral (ie they
can flower under both
short \$ Long day
Condition) are called
GARDEN PLANTS

The enzyme that is

Yesponeible for the Conversion

of wood into lignin at the

Point of boilting on the

8tem is Called

PHENYLKETO AMONIALYSIS

After the firmation of flower the filament can Continue to grow bearing Vegetative leaves this is Cerlled

MONISTROUS DEVELOPME

| 1560 LOT SUMMARY (B) | |
|--|--|
| Vernelin is produced from the Stern in a very ion temperature. | Vernell'n is produced by photosythesis involving from the Stern in a tre fixation of Carbondia. Very ion temperature. Conditions: |
| A Generally of flavoring hormones are called FLORIGENIS | (i) The Carbon (4) parth ways (4c) under the TROPICALSPECIES |
| 5 - 6 Cent that is 10-60 for our producing there | (11) The Carbon 3 path way (20) Under the |
| ERNALIZATION e Ught pen'sd eved by the lawes celled PHOTON! | There are two(a) Basic stages occours in both carbon 3 (3C) and carbon 4 (4C), viz (1) The light stree. (1) The light stree. |
| during hemmethern servers morety in Borno State. | At the light in volves Photophospheniation photolysis of water |
| · E./, | |

| No. of the last | the direction of 84 mulus |
|--|--|
| of plant by a complete withrough particular in Low plants is | determine the direction of response |
| Cetted | (1) The serond type is such that the direction of 8 timulus |
| p A Complete movement | |
| by an organior protopusing to chemical is called | & The response that is |
| 30-6103 bacteria is cuted | TROPHISM OR TROPIC MOVEMENT XI The yesomse that # |
| 8-07 | b |
| 19:3; Feld Touch is citled | |
| 3 | NASTIC MUDENTAN |
| Micvement in plant is generally 8 Low | A The three (2) Stypes of movement in piants are. In perception maniety with |
| Movement types are Identified in plant | 8. Response - bending of notes |
| (*) The one in which | |
| | |

| Amp + P - App + P A F P So o S S S S S S S S S S S S S S S S S | A The electrons host nove beek to chlorophil egen, after the formation of Arp is known as Cyclic phosphosphilate slectons do not have breek to chinophilate the process is called horoprophilate. |
|--|---|
| The process of movement of leaves to shortest of the leaves to shortest of the leaves of movement of leaves to shortest of the leaves of the powent plants till thought the powent of th | * Heart 420-720nm * The photochemical Sputting of water se called p #070-1515 |

| | A Light Can not used dire in the davic vesetion but the product, AIP and NASPH; | In Darle reaction Cos is resorbed by Ribose diphosphote (Sc cra) Through the Stomety. | RDP Granstrin of CASSASTAS an CANDOWS and Called Compound Called | & 6 kets and forms 2 molecules of of 3c otom Celled PHOSPHOGLYCERCACIO | A Phospholyceiced is a STABLE COMPOUND |
|-----------------|---|--|--|--|---|
| (9) SUMMARY (6) | The first receion that in volves the use of light is pHOTO PHOS PHORY LATERA | photochemical Sphiting of Water called PHOTOLYSIS | The Oxygen sputted Escapes into the ATMOSPHERE OR IS ABSORBED IN RESPIRATION | EThe Hydrigen reduce & NICOTINAMIAE ADENINE AINUCEOTIA PHOSPHATE (ABD) to the reduced form of NADPHE | M The reduced NATSPH is Stored for Subsequent untigation in the Untigation in the |

| Bis 101 Summer & Giucogen is findly phosphogycenic sompound as the first stable ampand of finned by removed first stable ampand of fineticse phosphore are Called One Called CARBON 3 PLANTS # Plants that form | Mhen NADPH reduces way are TEMPRATE PLANTS. 12 phosphogyceic seid TempRATE PLANTS. 12 phosphogyceic seid and They are the carbon stronglyce carbon spicants. | 12 phosphogy cereldehyde of Carbon 4 plants: 19 also forms 10 2 HTDROXY ACETOUS 15 Carbon 4 Compounds. 15 Carbon 4 Compounds. | A combination of the Carbondioxide is absorbed by PHOSPHOSMOL PYRWA deby dard drayeretare phopiete o To form OXALOACETIC in from FRUCTOSE ACA. | |
|---|--|---|--|--|
| * | 2019-08-0 | 16:33 | A THIS | |

| | CARBON "4 PLANTS W In Carbon 4 COB GARBON "4 PLANTS W In Carbon 4 COB ARBON "4 PLANTS W IN CARbon occours the Cob | on the Bundle SHEATH on the Bundle SHEATH fixation occours Once fixation the MESSOPHIL ONLY on the MESSOPHIL ONLY for bon 4 plants are full bright by Light are full bright by Lants are full bright by Lants are for bon 3 plants are for sethers segres aft Some points Some points | |
|-----------|---|---|--|
| 1-460 mil | CAILED Y PLANTS | The removal of Carboxy game in Carboxy game in MALLIC ACLE Min the bundle In the bundle Sheath cells located Sheath cells located Carbon 4 plants | The state of the s |

| Bus tol Summany | |
|--|--|
| A Carbon 4 plants have A higher productions | AThe fundamental differentes between Carbon 3 \$ Carbon 4 plants. |
| Productivity in Carbon 6 | Carbon 3 Carbon 4 |
| 5019-CAL PLANTS | The first is 15 oxaloalericae Cent and Prophosy for Trapical plants |
| 100 S plants o resent | Ion productify High productions |
| 16:34 | Photo respiration to present of 18 absorption of photopologication |
| FFECTING ESIS. Costemen | Oil is an excreting productor found in the bayles of CITRUS SINENSIS |
| increase in HD. Increase in Light Sometimes the edge of leaves determines phonosythesis. | |
| | |

| | | | | 4 | | | | |
|------------|-------------------------|---|---|-------------------------------|---|---------------------------------|----|---|
| | | * | | | | | | , |
| m hummin s | Some acronyms in Bulogy | ADP = Adenosine di phosphose ATP = Adenosine tinphosphose ATP = Adenosine tinphosphose NADP = Nicetinamide Adenine dipiniphose | rine histophade shate | smaly sur | ymst filst | tr S | | |
| | Some acronyms in Bulogy | ADP = Adenosine di phosphale ATP = Adenosine triphosphale ATP = Michinamida Adenine diplosphale NADP = Michinamida Adenine diplosphale | NAIPHS-Nicstinamide adenine dinnecetifide phosphase | PKA = phenyl Keto amonialysin | DEP = physphend pynnate OAF = Oralo alexi and AA = Indolealetic and | Dehydruxy acetene phosphoste | | |
| , BIO 101 | acron- | Adens Adens Nicetina | - Nicotin dime | = pheny | - Phus | | | |
| | Some | AAP = ATP = NAAP = | NADPIS | PKA | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | = 0 + 0 | 4. | |