

KSG:NEWSPAPER CRUX

7TH OCTOBER, 2020

NEWSPAPER HIGHLIGHTS

- The global economy is looking 'less dire' than it did in June and the International Monetary Fund will make a 'small' upward revision to its 2020 global output forecast, IMF Managing Director Kristalina Georgieva said.
- Delhi government will start spraying 'biodecomposer' in farms in Delhi to decompose straw and stubble left in the fields after harvesting. The solution turns the straw into manure and is seen as a way to curb stubble burning.
- Directly criticising China for the coronavirus crisis as well as its actions in the Indo-Pacific region, U.S. called for the Quadrilateral dialogue, or "Quad", to "collaborate" in countering China.
- Roger Penrose of Britain, Reinhard Genzel of Germany and Andrea Ghez of the U.S. won the Nobel Physics Prize for their research about black hole".
- Central government to fix jurisdiction of river boards Meeting called to resolve differences between Andhra Pradesh and Telangana on sharing Krishna, Godavari waters.
- A child has to learn his mother tongue to gain a foundation, said the Supreme Court countering Andhra Pradesh government's logic that children, without learning English, get 'isolated'.
- NCERT material to be provided in sign language.
- Western powers are urging Turkey, a longstanding ally of Azerbaijan, to use its influence with Baku to restore calm after Battles raged between Armenian and Azerbaijani forces over the disputed Nagorno-Karabakh region.
- As peace talks continue, Afghans fear return of Taliban. With U.S. planning to withdraw, people worry Taliban has changed little since darkest days of its regime..

XANTHOMONAS ORYZAEPV ORYZAE(XOO INFECTION)

1. Recently, scientists at centre for plant molecular biology Hyderabad, **uncovered the mechanisms by which bacterium xoo interacts with rice plant and cause disease.**
2. **Xoo causes a serious bacterial leaf blight disease in rice.** It causes huge yield losses to rice cultivation throughout the world.
3. Treatment of rice with cellulose, a cell wall degrading enzyme secreted by Xoo, includes rice immune responses and protects rice from subsequent infections by Xoo.

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS(MoRTH) DEFERRED EMISSION NORMS FOR TRACTORS

1. Now, next stage of emission norms for tractors(TREM Stage-iv) will be implemented from 1st Oct,2021.
2. Earlier, MoRTH has proposed amendments to Central Motor Vehicles Rules,1989 that includes-
3. Separate emissions norms for Agricultural machinery(agricultural tractors, power tillers and combined harvesters) and Construction equipment vehicles(CEV).

BILATERAL NETTING LAW BECOMES OPERATIONAL FROM OCTOBER 1,2020

1. Centre has operationalised all the provisions of the **Bilateral Netting of Qualified Financial Contracts Act.**
2. Bilateral Netting enables counterparties in financial contract to offset claims against each other to determine single net payment obligation due from one counterparty to other.
3. It is expected to help banks optimally utilise capital and **increase credit limits so as to enhance liquidity in the economy.**

DELHI ZOO GENERATED ECOSYSTEM SERVICES WORTH RS 422.76 CRORE IN 2019-20

1. Findings are part of a study commissioned by Central zoo Authority(CZA) to evaluate the services provided by the zoo.
2. Study found that **almost 77% of the contribution comes from the recreational and cultural services of the zoo.**
3. **CZA is a statutory body under wild life(Protection) Act 1972, to oversee the functioning of Indian zoos** and complement wildlife conservation strategies through ex-situ measures.

ORGANIC SPICES SEED PARKS

1. **First two organic seed parks will come up in Gujrat.**
2. They aim to encourage capacity building and adoption of best practices in production cumin(jeera) and fennel seeds(saunf)
3. They were sanctioned by National Bank for Agriculture and Rural Development.

TRANS FATS

1. Trans fats are **unsaturated fats** and can be naturally-occurring or Artificially produced **when hydrogen is added to liquid vegetables oils.**
2. They are used in edible products as it has longer shelf life.
3. Harmful effects-Obesity,type 2 diabetes,heart disease,insulin resistance,infertility etc.
4. **WHO recommended Trans fatty acids(TFA) to be less than 1% of total energy intake.** It has called for the total elimination of TFA in global food supply by 2023.