

## Business

# Soil depletion threatens yield

by Inam Ahmed

Depletion of soil will seriously affect country's agricultural output in the future years, soil scientists predict.

About 50 per cent of the agricultural land has already been depleted in terms of organic matter content, they say.

The total area of agricultural land in the country is about nine million hectares. Scientists blame over-cropping and lack of proper fertilizer application as the main reasons for the soil depletion.

At present in the majority part of the country, two to three crops are harvested annually. In the process, soil nutrients of about 1000 kg per hectare are used up, scientists say.

But on the other hand, only about 100 kg nutrients are applied to the same land. They say only about 30 per cent of the externally applied nutrients could be sucked up by the crops and the rest either evaporates or trickles down the soil.

The soil cannot recover its

nutrients due to these reasons and the situation is worsening every year.

The recycling process through which the land regains its fertility is also being hampered due to staggering poverty, scientists view. In the natural process, the straw of paddy and other crops or jute stubble left in the fields after their harvest is recycled as nutrients. But, they point out, farmers now-a-days do not leave them in the field after harvest as they collect those to use as fuel for cooking.

The depletion of soil has also pushed up the demand for fertilizers by more than double in 10 years, from 40 kg per hectare to 100 kg at present, experts mention. In 1980-81, about 8.7 lakh tonnes of fertilizers were used while in 1989-90, the figure went up to 20.42 lakh tonnes.

Moreover, scientists say, whatever fertilizers are being used, they are not applied proportionately. This is also disbalancing the nutrient qual-

ity resulting in poor yield.

At present, about 74 per cent of the total fertilizers being used is nitrogen based.

Scientists say, the use of sulphur, potash and phosphorus fertilizers should be multiplied keeping the quantity of nitrogen fertilizer at its present stage.

But mere increase in the use of fertilizers or balancing the use of fertilizers would not be sufficient to sustain the crop production in the future, scientists view.

They think that use of "green manure" and recycling the crop lands are the only answer to future sustained production.

They view that use of human excreta in huge quantity can help solve the shortage of green manure as livestock is becoming thinner and thinner. To help the recycle process, they observe, massive afforestation programme in the villages should be undertaken to meet the fuel need of the farmers and leave the straws and stubbles to rot in the field.

# 10 taxpayers named VIPs for '92-93

Finance Minister M Saifur Rahman Thursday stressed the need for increased domestic resource mobilisation to reduce dependence on foreign

aid for attaining self-reliance in economy, reports BSS.

He also called for rationalising public expenditure and said, "If we can save 500 crore taka from public expenditure, then we will be able to invest 1500 crore taka in development during the current fiscal year."

The Finance Minister was speaking as the chief guest a function organised by the National Board of Revenue (NBR) at the auditorium of the National Economic Council (NEC) at Sher-e-Bangla Nagar in Dhaka Thursday evening.

Organised in connection with announcing the list of VIP taxpayers and handing over VIP cards to them, the function was also addressed by Chairman of NBR and Secretary of the Internal Resources Division Nurul Hussain Khan.

The Authority has taken measures to supply fuel from the store of the Authority for operating the tube wells for irrigation smoothly. Steps have also been taken to increase the storage of fuel with the assistance of oil companies.

A total of 2107 deep tube wells under the Authority are now in operation in the current Irrigation season, last year 839 deep tube wells were in operation during the time.

87,435 acres of land have been brought under irrigation this year which is three times higher than the previous year's coverage.

About one lakh sixtyfive thousand metric tons of additional crop worth about Taka 108 crore are expected to be produced during the current season in the project area.

(Figures in Taka)

Currency	SELLING	BUYING
	TC	TT(C) OD Transfer
US dollar	39.1326	38.9087
Poundsterling	68.9668	68.6275
DM	23.6565	23.5069
FF	6.9905	6.9467
S Riyal	10.4602	10.4003
D Guilders	21.0221	20.8906
S Krone	6.5527	6.5097
Singapore Dollar	23.6909	23.5553
UAE Dirham	10.6911	10.6299
Kuwaiti Dinar	133.6965	132.9315
Indian Rupee (AMU)	1.5116	1.5048
Pak. Rupee (AMU)	1.5585	1.5513

Authorised dealers will apply T T clean buying rate for purchase of remittances of Bangladeshi working abroad.

Note: AMU—Asian Monetary Union.

## Exchange Rates

The following are the Commercial Bank's BC selling and TT (C), OD transfer buying rates for some selected foreign currencies effective on April 17.

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# Move to attract Italian capital

Minister for Industries, Shamsul Islam Khan, who was on a seven-day visit to Italy, visited Milan, Bergamo, Vicenza, Brescia and Genoa from April 12 to 14, reports BSS from Rome.

During his visit to Milan and Bergamo, the minister met private entrepreneurs, industrialists and some prospective investors and importers.

He highlighted the main features of the new industrial policy of the present government and also explained the various opportunities and facilities that it offered to attract foreign private investment in Bangladesh.

The minister explained the opportunities for setting up

joint ventures in various sectors of the economy including jute, leather, garments and imports, the Bangladesh Industry Minister stressed the importance of having joint collaboration between Bangladesh and Italy in the leather sector.

The private entrepreneurs showed keen interest in setting up joint ventures with private sector entrepreneurs in Bangladesh and assured the minister that they would establish contacts with their prospective Bangladeshi counterparts in the near future.

In Bergamo, Vicenza and Brescia, Khan visited tanneries, leather processing plants and shoe making factories.

The company informed the minister that they would very soon explore the possibilities of establishing plants in Bangladesh.

The Planning Minister said the wind of change had also swept through Bangladesh.

The Planning Minister said the goals of regional cooperation like ASEAN, SAARC, APEC and EAEC in this respect, he said.

The Planning Minister, who is now in Beijing as the head of the Bangladesh delegation to the 48th session of ESCAP, was delivering his address on Tuesday (April 14) last.

Khan said ESCAP had assured a special significance today in the changing world. As the Cold War had receded, co-

operation was achieving primacy over confrontation, he said adding: "In our region, as the rest of the world, widening consensus is evolving over common human concerns, commitment to participatory development, acceptance of market based approaches to growth and progress, pursuit of efficiency and governance with adequate accountability."

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