

**GOVERNMENT OF INDIA
AGRICULTURE
LOK SABHA**

UNSTARRED QUESTION NO:1574

ANSWERED ON:06.03.2006

DISEASE AFFECTED ARECANUT TREES

Gowda Shri D.V. Sadananda;Karunakaran Shri P.;Satheedevi Smt. P.;Thomas Shri P.C.

Will the Minister of AGRICULTURE be pleased to state:

- (a) whether arecanut trees have been affected with disease in Karnataka and Kerala;
- (b) if so, the details thereof;
- (c) whether any Research Institute has been entrusted to know the cause of the disease; and
- (d) if so, the results thereof and the action taken in this regard?

Answer

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI KANTILAL BHURIA)

(a)&(b): Arecanut trees in parts of Karnataka and Kerala have been affected with Koleroga or Mahali, Bud rot, Crown rot, Inflorescence dieback, leaf spot, button shedding, Anabe roga or foot rot, Yellow Leaf diseases, etc.

(c): Central Plantation Crops Research Institute (CPCRI), Kasargod is conducting research on the management of these diseases.

(d): Measures recommended by Central Plantation Crops Research Institute for the control of these diseases are:

- (i) Koleroga or Mahali: Spray of Bordeaux mixture 1%, 2 times at 45 days interval;
- (ii) Bud rot and Crown rot: Spray of 1 % Bordeaux mixture and application of Bordeaux paste to the crown. Drenching of base of palms with 0.3 % tridemorph or 0.3 % phosphoric acid (3 ml/l) against crown rot;
- (iii) Inflorescence dieback and Button Shedding: Spray of Indofil M 45 @ 3 gm/l or Dithane Z 78 @ 4 g/l;
- (iv) Leaf Spot: Spray of 0.3% Dithane M 45 (3g/l of water);
- (v) Anabe roga or Foot rot : Basin of palms may be given 0.3% Callixin (3ml/l) 5 l/palm plus root feeding of 1.5% Callxin (15 ml/l) @ 125 ml/palm at quarterly intervals. Apply 2 kg neem cake/palm/year and green leaf & FYM @ 15-20 kg/palm/year.
- (vi) Yellow Leaf disease : Application of NPK fertilizers and additional does of super phosphate in combination with lime.