

Indian Standard

GUIDELINES FOR STOCKING SPARE PARTS OF AGRICULTURAL TRACTORS

1. SCOPE

1.1 This standard provides a guideline for stocking of spare parts of agricultural tractors by farmers, dealers/stockists and manufacturers.

FOREWORD

0.1 This Indian Standard was adopted by the Indian Standards Institution on 31 July 1981, after the draft finalized by the Agricultural Tractors and Power Tillers Sectional Committee had been approved by the Agricultural and Food Products Division Council.

0.2 Stocking of spare parts is of vital importance to ensure that the tractors are repaired and serviced in the shortest possible time for minimizing the loss of down-time. It was, therefore, felt necessary to develop recommendatory guidelines to protect the interest of the users/farmers.

0.3 It is wellknown that the stocking of spare parts is not a matter of simple arithmetic related to tractor population, but it is dependent on a number of factors. Some of them are as under:

- a) Tractor population in a dealership;
- b) Current age of the tractors operating in that area;
- c) Number of tractor models marketed by the manufacturers in that area;
- d) Situation of existence of private mechanics undertaking repair of tractors in that area and the actual number of farmers dependent upon the tractor manufacturer's authorized dealers and service points;
- e) Components' life and their storage requirements, more particularly such components which are rubber or elastomer based including 'O'-rings, belts, etc;
- f) Service and maintenance points created by original equipment suppliers, like fuel injection system, electrical, etc; and
- g) Engineering skill of the farmers/operators.

0.3.1 In view of above, it is not possible to formulate very rigid standard on stocking of various spare parts. However, a guideline would be useful and appropriate.