

(PREVIEW)

*Indian Standard***CROP PROTECTION EQUIPMENT HAND —
HAND-OPERATED KNAPSACK SPRAYER —
PISTON TYPE-SPECIFICATION****1 SCOPE**

1.1 This standard prescribes material, performance, constructional and other requirements of hand-operated knapsack sprayer, piston type, used for spraying pesticides.

1.1.1 The sprayers of this type are normally used with an average working pressure of 300 kPa (100 kPa = $1.0197 \text{ kgf/cm}^2 = 1.0197 \text{ kgf/cm}^2 = 1 \text{ bar}$).

2 REFERENCES

The following Indian Standards are necessary adjuncts to this standard:

| <i>IS No.</i> | <i>Title</i> |
|------------------------|---|
| 292 : 1983 | Leaded brass ingots and casting (<i>second revision</i>) |
| 2643 (Part 1) : 1975 | Dimensions for pipe threads for fastening purposes : Part 1 Basic profile and dimensions (<i>first revision</i>) |
| 3652 : 1995 | Crop protection equipment = foot sprayers (<i>fourth revision</i>) |
| 7201 (Part 1) : 1987 | Methods of sampling for agricultural machinery and equipment machinery and equipment : Part 1 Hand tools and hand-operated/animal-drawn equipment (<i>first revision</i>) |
| 8480 : 1977 | Glossory of terms related to crop protection equipment |
| 10134 : 1994 | Method of tests for manually operated sprayers (<i>first revision</i>) |
| 11429 : 1985 | Methods for calibration of sprayers |