

## Phorate

Common name: phorate

IUPAC name: *O,O*-diethyl *S*-ethylthiomethyl phosphorodithioate

Molecular formula: C<sub>7</sub>H<sub>17</sub>O<sub>2</sub>PS<sub>3</sub>

Molecular weight: 260.4

Formulations: 55%EC

### Uses

Control of Agromyzidae, Aleyrodidae, Aphididae, Chrysomelidae, Noctuidae, Pyralidae, Tetranychidae and certain nematodes in brassicas, beetroot, sugar beet, fodder beet, carrots, field beans, broad beans, maize, sorghum, wheat, potatoes, hops, soya beans, sunflowers, sugar cane, cotton, coffee, rice, peanuts, and some ornamentals. Applied at 330-440g/100kg seed.

### 55% EC characteristics:

Item	Index
Appearance	Orange yellow or brown clear liquid
Content, %	≥55.0
Acidity(calculated by H <sub>2</sub> SO <sub>4</sub> )	≤1.0
Water, %	≤1.0

### TC characteristics:

Item	Index
Appearance	Orange yellow or brown clear liquid
Content, %	≥90.0
Acidity(calculated by H <sub>2</sub> SO <sub>4</sub> )	≤0.5
Water, %	≤0.5

### Storage and transportation:

Put in a ventilated and dry place. Keep away from food, seed and feed. Do not touch eyes, skin and be absorbed by mouth and nose.