

BREAKING TUBER DORMANCY WITH RINDITE

CAUTION – Rindite is **very poisonous**. Do not breathe fumes or get Rindite in contact with skin! Use only under fume hood or in a well-ventilated area.

Rindite components:

- 7 parts Ethylene chlorohydrin (2-chloroethanol)
- 3 parts Ethylene dichloride (1,2-dichloroethanol)
- 1 part Carbon tetrachloride

- 1) Warm tubers at 70-75°F for 3 days (4-6 days for larger tubers). Tubers must be healed over, and should not have any sprouts.
- 2) Place tubers in an airtight container. Container should not be more than 1/3 to 1/2 full of tubers; if container is less than 1/10 full, the dosage of Rindite should be reduced. Treat at 75-80°F (can get good results with as low as 70°F); higher temperatures may result in injury.
- 3) Treat with a total of 4 ml Rindite per cubic foot of container space ($4 \text{ ml/ft}^3 = 210 \text{ ml/m}^3 = 0.141 \text{ ml/l}$). Use 1/3 of this amount on the first day, 1/3 on the second, and 1/3 on the third day.

8" ceramic pot: 3.80 l volume = .536 ml Rindite total = 0.18 ml Rindite per day
10" ceramic pot: 5.30 l volume = .747 ml Rindite total = 0.25 ml Rindite per day
- 4) Place Rindite in a dish or beaker containing cheesecloth, cotton, or paper towels moistened with water (to increase the relative humidity in the container). Do **not** allow Rindite to touch the tubers (may result in injury).
- 5) Seal container air-tight. Cover ceramic pots with glass, and seal with petroleum jelly. Open containers only to add more Rindite.
- 6) After three days of treating, uncover container under fume hood, being sure to close hood, or in a well-ventilated area. Allow container to air out for 24 hours before removing tubers.
- 7) Store tubers at about 70°F until they sprout.