



DIRECTIONS FOR USE

Tumbleleaf Cotton Defoliant Concentrate is a liquid concentrate which is mixed with water and the resultant solution sprayed on the cotton plant. It is a contact herbicide which causes the cotton plant to shed its leaves. It is effective on cotton plants which are in the late stages of maturity. It is effective on cotton plants which are in the late stages of maturity. It is effective on cotton plants which are in the late stages of maturity.

A pre-bloom application of Tumbleleaf Cotton Defoliant Concentrate is recommended as such applications inhibit the growth of immature bolls. The recommendations of your State Agricultural Experiment Station or State Agricultural Extension Service should be followed.

APPLICATION RATES

The table below gives application rates for various conditions of the cotton crop.

Condition of the Crop	Gallons TUMBLEAF Cotton Defoliant Concentrate to Apply Per Acre	
Stunted	In Stress	1.0
Thin	Not in Stress	1.0
Good	In Stress	1.0
	Not in Stress	1.0
Dense	Apply 1.0 gallons per acre and follow with a second application 7 days later.	1.0
Enrage	With a 1.0 gallon per acre application.	1.0

To prepare a batch of spray solution:

(1) Determine number of acres to be treated and select gallons of TUMBLEAF Cotton Defoliant Concentrate per acre to be applied. Multiply to obtain total gallons of TUMBLEAF Cotton Defoliant Concentrate to be applied. This is range.

(2) Select spray solution application rate in gallons per acre and multiply by number of acres to be treated to obtain gallons of spray solution required.

(3) Run sufficient water equal to about 1/3 of the gallonage of spray solution to be prepared into the batch tank, add required gallons of TUMBLEAF Cotton Defoliant Concentrate, and agitate until thoroughly mixed. Then add sufficient additional water to bring the volume to the required amount, and agitate to mix. TUMBLEAF Cotton Defoliant Concentrate may be added directly to the batch tank as mix water is being added.

Revision B

EPA EST. 2342 NV 1

tumbleleafTM Cotton Defoliant

LIQUID CONCENTRATE 3

U.S. PATENT 3,497,111

ACTIVE INGREDIENT
Sodium chlorate
INERT INGREDIENTS

BY WEIGHT
16.8%
83.2%

CAUTION

KEEP OUT OF REACH OF CHILDREN.

For more information on this product, contact your local distributor.

NET CONTENTS GALLONS



MANUFACTURED BY
KERR-MCGEE CHEMICAL CORPORATION
OKLAHOMA CITY, OKLAHOMA



tumbleleafTM Cotton Defoliant

LIQUID CONCENTRATE 3

U.S. PATENT 3,867,125

ACTIVE INGREDIENT
Sodium chlorate
INERT INGREDIENTS

BY WEIGHT
16.8%
83.2%

CAUTION

KEEP OUT OF REACH OF CHILDREN.

See side panel for additional precautions and information.

NET CONTENTS GALLONS



MANUFACTURED BY
KERR-McGEE CHEMICAL CORPORATION
OKLAHOMA CITY, OKLAHOMA



Ground application - Use high clearance spray equipment with at least two nozzles per row including one overhead nozzle and adjust the pressure to maintain a spray volume of 1.5 to 2.0 gallons of solution per acre.

Aerial application - Maintain a spray volume of 1 to 2 gallons of solution per acre. To reduce drift application should be close to the crop and should not apply during periods of thermal inversion. Accurate wind measurement of the spray solution is essential for effective defoliation.

Cleaning Spray Equipment - Equipment used to apply other types of defoliants (including areas of contamination inside and outside the fuselages of spray planes) must be cleaned to remove all residues before TUMBLEAF Cotton Defoliant Concentrate is used. Failure to follow these directions may result in fire or other damage to the equipment. Equipment must also be cleaned after using TUMBLEAF Cotton Defoliant Concentrate.

Environmental Precautions - This product is toxic to fish and is harmful to all vegetation. Do not allow runoff of this product to contaminate water. Do not contaminate water by cleaning the equipment or disposing of waste cleaning solutions with this product and its ingredients. Apply this product to vegetation in the late fall and not to water bodies. Do not apply to water bodies.

NOTE - Do not apply more than one gallon of concentrate per acre. Do not apply within 30 days of harvest. Do not graze treated areas or feed animal waste to livestock.

CONDITIONS OF SALE

All statements concerning the use of this product apply only when the product is used as directed. THERE ARE NO WARRANTIES, INCLUDING MERCHANTABILITY, WHICH EXTEND BEYOND THE DESCRIPTION ON THE LABEL. The manufacturer shall not be liable for consequential damage or death of persons or animals.

PRECAUTIONARY INFORMATION. CAUTION! May cause skin irritation. Harmful if swallowed. Avoid contact with eyes. In case of contact, wash thoroughly with water.

FIRST AID - In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention. If swallowed, do not induce vomiting. Get medical attention.

PA Reg. No. 2342-760

CG 75 W

Handwritten notes: 2.9, 3.3, 4.0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0