



READ ENTIRE LABEL, USE STRICTLY
IN ACCORDANCE WITH LABEL
CAUTIONS, WARNINGS AND DIRECTIONS;
AND IN CONFORMITY WITH
FEDERAL AND STATE REGULATIONS.

DESCRIPTION

MICHLIN Superior "70-E" Spray Oil is a refined, emulsifiable oil of high paraffinic content intended for the control of overwintering forms of mites and certain insects on fruit trees, shade trees, and ornamentals. As it is highly refined, it can be used safely and effectively in the late dormant to delayed stages of many of these plants. MICHLIN Superior "70-E" Spray Oil mixes readily with water to form a white emulsion of the quick breaking type. Proper blending, incorporating quick-breaking emulsifier assures uniform distribution over the tree with a minimum of run-off. The base oil in this quality product has entire designation for 70 Second Superior type spray oils.

MIXING

1. Roll and shake container thoroughly if it has been in storage.
2. Add sufficient water to the mixing tank to allow proper agitation by pump or paddles.
Add oil while agitating (pump or paddles) to form white, milky emulsion.
4. Fill tank with water after emulsion has formed, continuing agitation until solution is used.
5. In small equipment where agitators are lacking—stir or shake diluted spray mixture thoroughly prior to application.

SPECIAL RECOMMENDATIONS AND PRECAUTIONS

1. MICHLIN Superior "70-E" Spray Oil is physically compatible with Bordeaux mixture. Use according to State recommendations only.
2. MICHLIN Superior "70-E" Spray Oil is physically compatible with liquid lime sulfur. Use this combination only when recommended by State agricultural authorities. Follow directions for use carefully to avoid injury to trees. Spray in dormant period only.
3. Spray thoroughly, but avoid overspraying or drenching.
4. Do not apply Superior "70-E" Spray Oil or any other oil spray when the temperature is below 40° F. or at any time when there are indications that it may fall to freezing or below within 24 hours after spraying.
5. Spring dormant spraying is advised as it is safer and more effective.
6. Spraying in fall, winter or too early in the spring is not recommended. It is best to wait until winter is definitely over as close as possible to actual start of bud growth in the spring.
7. Do not use on sugar (hard) maples, beech, hickory, walnut and butternut.
8. Most conifers (evergreens) are susceptible to oil injury, therefore, special caution should be exercised when oil sprays are used.
9. Where evergreens are exposed to heavy spray drift or run-off spray from other trees, protect with coverings until spraying and drip are over, or wash evergreens with clear water immediately after such exposure.
10. Be sure to cover every branch and twig to the very end; this is where scale insects usually are found.
11. Do not swallow. If ingested, call physician.

MICHLIN

"70-E"

SUPERIOR SPRAY OIL

FOR CONTROL OF CERTAIN INSECTS ON:
**FRUIT TREES • SHADE TREES
EVERGREENS • ORNAMENTALS**

COMPOSITION

Active Ingredients (by weight):	98.9%
Refined Petroleum Distillate*	
Inert Ingredients (by weight):	1.1%
	TOTAL 100.0%

*Unsulfonated Residue of Petroleum Distillate 92%.

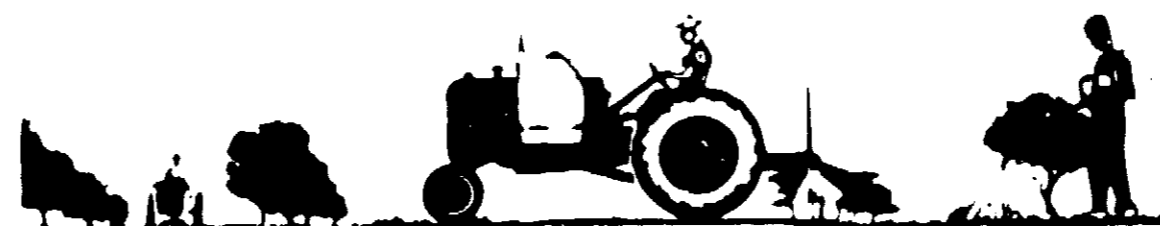
Grade of Oil 70 Second Superior

USDA REG. NO. 5285 16

CAUTION
KEEP OUT OF REACH OF CHILDREN
HARMFUL IF SWALLOWED

**MANUFACTURER IS NOT RESPONSIBLE FOR ANY STATEMENT
BEYOND WHAT IS PUBLISHED ON THIS LABEL**

INSECTICIDE PRODUCTS DIVISION



FOR CONTROL OF
CERTAIN INSECTS ON FRUIT
SHADE TREES AND SHADE TREES

DORMANT OR DELAYED DORMANT APPLICATIONS

DIRECTIONS

DECIDUOUS SHADE TREES Use 3 gallons of MICHLIN Superior "70-E" Spray Oil and 3 gallons of water to control San Jose Scale, European Elm Scale, European Red Mite, Oyster Shell Scale, Terrapin Scale and Euonymus Scale. Use 4 gallons in 9 Cottony Maple Scale.

EVERGREENS — Use 2 gallons of MICHLIN Superior Spray Oil for control of scale insects, Red Mite, Spruce Gall, and other similar insects on evergreens.

Apply with a fine misty spray in the spring just before bud break.
See section on Special Recommendations and Precautions.

SPRAY METHODS

The dosage rates are for conventional hydraulic sprayers utilizing this type spray equipment. This product can be used in concentrate sprayers. For mature plantings of trees, conventional dilute spray mixtures are usually required for pest control. This applies to all tree fruits. When using amount of actual spray mix per tree or per acre is the application.

MICHLIN Superior Spray Oil is used to control: Apple, Pear, Leaf, Blister Mites, European Red Mite, and for dormant and delayed dormant applications.

	Gals. of Oil Per 100 Gals. Spray	Time App.
FRUIT TREES		
Pests of Apple		
European red mite	2	Green tip to delayed dormant
Fruit tree leafroller,		
Apple red bug,	3	Green tip to delayed dormant
Scurfy scale		
San Jose scale	2	Dormant, green tip to delayed dormant
Forbes scale		
Pests of Pear		
Pear psylla	2	Dormant
Fruit tree leafroller,		
Pear leaf blister mite	3	Dormant
Pests of Peach and Plum		
Cottony peach scale	3	Dormant
European fruit lecanium	2	Green tip to delayed dormant
European red mite	2	Green tip to delayed dormant
San Jose scale		

ACCEPTED

MICHLIN "70-E" SUPERIOR SPRAY OIL

FOR CONTROL OF CERTAIN INSECTS ON:
**FRUIT TREES • SHADE TREES
EVERGREENS • ORNAMENTALS**

COMPOSITION

Active Ingredients (by weight):	
Refined Petroleum Distillate*	98.9%
Inert Ingredients (by weight):	1.1%
	TOTAL 100.0%

* Unsulfonated Residue of Petroleum Distillate 92%.

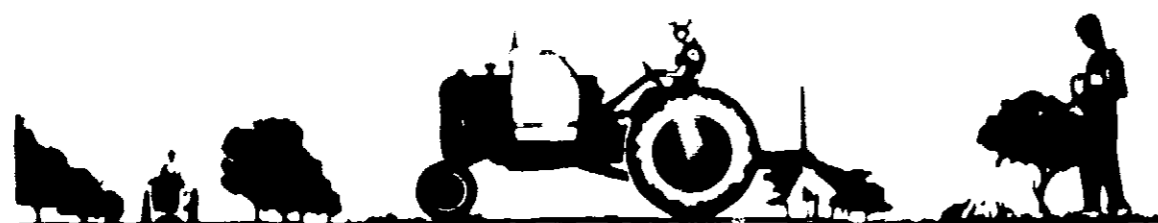
Grade of Oil 70 Second Superior

USDA REG. NO. 5285-16

CAUTION
KEEP OUT OF REACH OF CHILDREN
HARMFUL IF SWALLOWED

MANUFACTURER IS NOT RESPONSIBLE FOR ANY STATEMENT
BEYOND WHAT IS PUBLISHED ON THIS LABEL

INSECTICIDE PRODUCTS DIVISION



FOR CONTROL OF
CERTAIN INSECTS ON FRUIT TREES,
SHADE TREES AND SHRUBS

DORMANT OR DELAYED DORMANT APPLICATION ONLY

DIRECTIONS

DECIDUOUS SHADE TREES — Use 2 gallons of MICHLIN Superior Spray Oil in 96 gallons of water to control San Jose Scale, European Fruit Lecanium, European Elm Scale, European Red Mite, Oyster Shell Scale, Scurfy Scale, Putnam Scale, Terrapin Scale and Euonymus Scale. Use 4 gallons in 96 gallons of water to control Cottony Maple Scale.

EVERGREENS — Use 2 gallons of MICHLIN Superior Spray Oil in 96 gallons of water for control of scale insects, Red Mite, Spruce Gall Aphid, Pine Bark Aphid and other similar insects on evergreens.

Apply with a fine misty spray in the spring just before the new growth starts. See section on Special Recommendations and Precautions.

SPRAY METHODS

The dosage rates are for conventional hydraulic spraying with best results obtained utilizing this type spray equipment. This product can also be used in mist blowers or concentrate sprayers. For mature plantings of tree fruits, 300-400 gallons of conventional dilute spray mixture are usually required per acre to achieve adequate pest control. This applies to all tree fruits. When using concentrated mixtures, the amount of actual spray mix per tree or per acre is the same for conventional dilute applications.

MICHLIN Superior Spray Oil aids in control of Apple Red Bug, Fruit Tree Leafroller, Pear Leaf Blister Mites, European Red Mite and European Fruit Lecanium for dormant and delayed dormant applications.

FRUIT TREES	Gals. of Oil Per 100 Gals. Spray	Time of Application	Remarks
Pests of Apple			
European red mite	2	Green tip to Pre Pink delayed dormant	Delayed dormant preferred
Fruit tree leafroller			
Apple red bug, Scurfy scale	3	Green tip to Pre Pink delayed dormant	
San Jose scale Forbes scale	2	Dormant, green tip to delayed dormant	
Pests of Pear			
Pear psylla	2	Dormant	Apply before spring break
Fruit tree leafroller, Pear leaf blister mite	3	Dormant	
Pests of Peach and Plum			
Cottony peach scale	3	Dormant	
European fruit lecanium	2	Green tip to delayed dormant	
European red mite	2	Green tip to delayed dormant	
San Jose scale	2	Dormant, green tip to delayed dormant	

ACCEPTED

CONTENTS 55 GALLONS