

ULTRA FOGGER (200 DECARES)**✓ Anti-Frizz Oil Price Information;;**

- **25 Kg Drum**= 3,61\$ / Kg
(1 Drum Price: 90,3\$, excluding delivery costs.)
 - **200 Kg Barrel**= 3,49\$ / Kg
(1 Barrel Price: 698\$, excluding delivery costs.)
- 1200 Kg IBC Tank**= 3,36\$ / Kg
(1 IBC Tank Price: 4.032\$, excluding delivery costs)

✓ Aviation Oil Price Information ;

- **16 Kg Can**= 4,54\$ / Kg
(1 Can Price: 72,64\$, excluding delivery costs.)
- **200 Kg Barrel**= 4,39\$ / Kg
(1 Barrel Price: 878\$, excluding delivery costs.)

✓ Shelf Life of the Oils; 3 years.**✓ Recommended Consumption Flow Rate ; 100 Kg / Hour.****✓ Required Oil Quantity;**

1. 200 Decares of land,
2. Total risk of 1 night of radiation frost,
3. 7 hours per day radiation frost risk,
4. 5 hours (500 Kg) Plant-Based Anti-Freeze Oil "1.680 \$"
5. 2 hours (200 Kg) Aviation Oil "878 \$"
6. 2558 \$ / 200 decares = 12.79 \$ [Total daily cost per decare]
7. 12.79 \$ / 7 hours = 1.83 \$ [Unit cost of fumigation for 1 hour on 1 decare]

✓ Example Cost Calculation for Agricultural Engineers;

190 decares x Total 6 hours of frost fight x 2 nights x 1.83 \$ = 4.172 \$

Note: Plant-Based Anti-Freeze Oil should be used until sunrise in the morning; it delays freezing caused by cold. Aviation Oil should be used at sunrise when red light appears; it delays burning caused by sudden heat. With the opposing combined delay method, resistance is maximized against both cold and heat.

SM700 (100 DECARES)



✓ Anti-Frizz Oil Price Information;;

- **25 Kg Drum= 3,61\$ / Kg**
(1 Drum Price: 90,3\$, excluding delivery costs.)
- **200 Kg Barrel= 3,49\$ / Kg**
(1 Barrel Price: 698\$, excluding delivery costs.)

1200 Kg IBC Tank= 3,36\$ / Kg
(1 IBC Tank Price, 4.032\$, excluding delivery costs)

✓ Aviation Oil Price Information ;

- **16 Kg Can= 4,54\$ / Kg**
(1 Can Price: 72,64\$, excluding delivery costs.)
- **200 Kg Barrel= 4,39\$ / Kg**
(1 Barrel Price: 878\$, excluding delivery costs.)

✓ Shelf Life of the Oils; 3 years.

✓ Recommended Consumption Flow Rate ; 60 Kg / Hour.

✓ Required Oil Quantity ;

1. 100 Decares of land
2. Total risk of 1 night of radiation frost,
3. 7 hours per day radiation frost risk
4. 5 hours (300 Kg) Plant-Based Anti-Freeze Oil "1.008 \$"
5. 2 hours (120 Kg) Aviation Oil "526.8 \$"
6. 1534.8 \$ / 100 decares = 15.35 \$ [Total daily cost per decare]
7. 15.35 \$ / 7 hours = 2.19 \$ [Unit cost of fumigation for 1 hour on 1 decare]

✓ Example Cost Calculation for Agricultural Engineers ;

90 decares x Total 6 hours of frost fight x 2 nights x 2,19 \$ = 2.365 \$

Note: Plant-Based Anti-Freeze Oil should be used until sunrise in the morning; it delays freezing caused by cold. Aviation Oil should be used at sunrise when red light appears; it delays burning caused by sudden heat. With the opposing combined delay method, resistance is maximized against both cold and heat.

SM600 (30 DECARES)



✓ Anti-Frizz Oil Price Information;;

- **25 Kg Drum**= 3,61\$ / Kg
(1 Drum Price: 90,3\$, excluding delivery costs.)
- **200 Kg Barrel**= 3,49\$ / Kg
(1 Barrel Price: 698\$, excluding delivery costs.)
- **1200 Kg IBC Tank**= 3,36\$ / Kg
(1 IBC Tank Price: 4.032\$, excluding delivery costs)

✓ Aviation Oil Price Information ;

- **16 Kg Can**= 4,54\$ / Kg
(1 Can Price: 72,64\$, excluding delivery costs.)
- **200 Kg Barrel**= 4,39\$ / Kg
(1 Barrel Price: 878\$, excluding delivery costs.)

✓ Shelf Life of the Oils; 3 years.

✓ Recommended Consumption Flow Rate ; 20 Kg / Hour.

✓ Required Oil Quantity ;

1. 30 Decares of land
2. Total risk of 1 night of radiation frost,
3. 4 hours per day radiation frost risk
4. 3 hours (60 Kg) Plant-Based Anti-Freeze Oil "201.6 \$"
5. 1 hours (20 Kg) Aviation Oil "87.80 \$"
6. 289.4 \$ / 30 decares = 9.65 \$ [Total daily cost per decare]
7. 6.86 \$ / 4 hours = 2.41 \$ [Unit cost of fumigation for 1 hour on 1 decare]

✓ Example Cost Calculation for Agricultural Engineers ;

25 decares x Total 4 hours of frost fight x 2 nights x 2.41 \$ = 482 \$

Note: Plant-Based Anti-Freeze Oil should be used until sunrise in the morning; it delays freezing caused by cold. Aviation Oil should be used at sunrise when red light appears; it delays burning caused by sudden heat. With the opposing combined delay method, resistance is maximized against both cold and heat.

DENSITY

Plant-Based Anti-Freeze Oil: 1,175

Aviation Oil: 0,814

LP Fogging Oil: 0,776

Density values are provided so that the products can be cost-calculated on a per-liter basis.