





HAZARDOUS SHIPPING NAME  
DINITROPHENOL SOLUTIONS



**ACTIVE INGREDIENTS:**  
Sodium N-1-Naphthylphthalamate\* 22.3%  
Sodium 4,6-Dinitro-o-sec-butylphenate\*\* 11.5%  
**INERT INGREDIENTS:** 66.2%  
**TOTAL:** 100.0%

\*Equivalent to 20.8% N-1-naphthylphthalamide acid.  
\*\*Equivalent to 10.5% 4,6-Dinitro-o-sec-butylphenol.  
Each gallon contains two pounds of active NPA and one pound of active DNBP.



**DANGER:** May be fatal if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Do not wear contaminated clothing. Do not breath spray mist. Do not take internally. Keep away from heat and open flame. Not for use or storage in or around the home. Toxic to fish and wildlife. Keep out of any body of water. Birds and other wildlife in treated areas may be killed. Do not contaminate water by cleaning of equipment, or disposal of waste. Do not use in any manner not specified on this label.

**SYMPTOMS OF POISONING:** Excessive fatigue, sweating, thirst and fever. If symptoms of poisoning develop from any type of exposure, SEND FOR A PHYSICIAN.

**FIRST AID:** Have patient lie quiet in coolest spot available. If feverish, cool with cold compresses or by immersion in cool water.

**ANTIDOTE:** If swallowed, SEND FOR A PHYSICIAN. Induce vomiting by giving an emetic such as 2 tablespoons of table salt in a glass of warm water; repeat until vomit fluid is clear, then give 2 teaspoons of baking soda in a glass of water. Treat as in FIRST AID, above.

**IF SPLASHED IN EYES,** immediately flush with plenty of water for at least 15 minutes and get medical attention.

**IF SPILLED ON SKIN,** immediately remove contaminated clothing INCLUDING SHOES, and wash skin with soap and plenty of water.

EPA Reg. No. 148-993

E. P. A. Est. No. 148-MS-1

If symptoms of poisoning develop, send for a physician and treat as in FIRST AID, above. Discard contaminated clothing and shoes, or clean them thoroughly before re-use. Staining may result if contaminated articles are allowed to contact carpets, upholstery, etc. NOTE TO ATTENDING PHYSICIAN: Active ingredient is a metabolic stimulant. Treat symptomatically.

**NOTICE:** Seller makes no warranty, expressed or implied, concerning the use of this product, other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

**GENERAL DIRECTIONS:** This product is a selective herbicide combination for the control of the following annual grasses and broad-leaf weeds:

**ANNUAL GRASSES:** Foxtail, crabgrass, barnyardgrass, goosegrass, stinkgrass, sandbur, watergrass, spangletop, windmillgrass, cupgrass and johnsongrass (from seed).

**BROADLEAF WEEDS:** Florida pussley, chickweed, lambsquarter, ragweed, purslane, velvetleaf, cocklebur, binweed, ground cherry, mustards, shephard's purse, pigweed, quickweed, carpetweed, morningglory, beggarweed (beggar-lice) and teaweed (prickly sida).

**PREPARATION OF SOIL:** The area to be treated should be well prepared and as free as possible from stubble and litter. If the land has been plowed the soil clods should be broken up by harrow or roller wheel. Plant on a flat or slightly raised bed. If weather factors make replanting necessary after application, thoroughly disk the area prior to replanting.

**METHOD OF APPLICATION:** Thorough and uniform coverage of the soil surface is essential for good weed control. Apply as a spray at planting time using either a planter-mounted sprayer or a separate sprayer after the planting operation. The chemical may be applied up to the time of crop emergence or "cracking-time" on peanuts but before the crop plants emerge on soybeans.

**DIRECTIONS FOR USE:** Put one-half the recommended amount of water in the spray tank, add the required amount of concentrate, then add the remainder of the water to the tank while mixing. Stir or use by-pass agitation until completely mixed. It is essential that the sprayer be calibrated accurately prior to use on crop.

**PEANUTS:** Use as an overall spray (broadcast) or band application, just as the peanuts begin to crack the ground or "cracking time." This normally is from 5 to 7 days after planting.

**RECOMMENDED DOSAGE RATE FOR PEANUTS:** Use at the rate of 6 quarts in 20 to 40 gallons of water per acre as an overall spray (broadcast application). Treatment may be used over the entire area or in bands as desired. The soil should not be disturbed after planting when the "cracking time" treatment is used.

Amount of Concentrate Per Acre to Use for Band Treatment of Peanuts.

| Width of Band | Row Spacing |           |             |
|---------------|-------------|-----------|-------------|
|               | 24 inches   | 28 inches | 30 inches   |
| 12"           | 6 pints     | 5 pints   | 4 3/4 pints |
| 14"           | 7 pints     | 6 pints   | 5 1/2 pints |

| Width of Band | Row Spacing |             |             |
|---------------|-------------|-------------|-------------|
|               | 32 inches   | 34 inches   | 36 inches   |
| 12"           | 4 1/2 pints | 4 1/4 pints | 4 pints     |
| 14"           | 5 1/4 pints | 5 pints     | 4 3/4 pints |

Use in 12-20 gallons of water per acre.

Note 1. Plant on a...  
Note 2. Space seed (other vari...  
Note 3. May be use... plant incorp...

Do not allow spray to be mended on label as CONTAINER STORAGE: Fully dissolved but warming 75-115°F is rolling, shaking, contamination of foodstuffs. Store in a cool EQUIPMENT CLEAN: zies with water after remove from wooden tanks by washing the times with water can DO NOT USE ON TEXTURE.

SOYBEANS: Use as tion, just after the so emerge from the soil RECOMMENDED DO of 6 quarts in 30 to (broadcast applicatio area or in bands as Amount Per Acre to

| Width of Band |  |
|---------------|--|
| 12"           |  |
| 14"           |  |

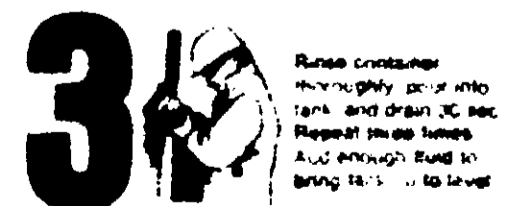
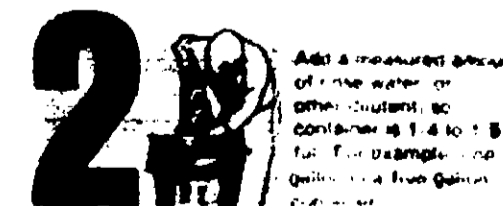
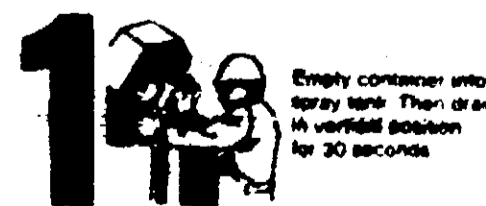
| Width of Band |  |
|---------------|--|
| 12"           |  |
| 14"           |  |

Use in 6 gallons of water per acre.

Note 1. In the plant...  
Note 2. Soil can se...  
Note 3. If the soil...  
Note 4. This prod...  
Note 5. Apply the...

Reduce Hazards!

Follow this  
Rinse and Drain Procedure  
for Pesticide Containers



NET CONTENTS 5 GALLONS

# KLEAN-KROP™

## NPA-DINITRO HERBICIDE

AC 11115  
April 10, 1975

44-113 48-113

### Controls Seedling Grasses and Weeds in Soybeans and Peanuts

1-naphthylphthalamate\* 22.3%  
2,4,6-trinitro-*o*-sec-butylphenate\*\* 11.5%  
NPA 66.2%  
Total 100.0%

\*1-naphthylphthalamic acid.  
\*\*2,4,6-Dinitro-*o*-sec-butylphenol.  
50 pounds of active NPA and one pound of

If symptoms of poisoning develop, send for a physician and treat as in FIRST AID, above. Discard contaminated clothing and shoes, or clean them thoroughly before re-use. Staining may result if contaminated articles are allowed to contact carpets, upholstery, etc. NOTE TO ATTENDING PHYSICIAN: Active ingredient is a metabolic stimulant. Treat symptomatically.

NOTICE: Seller makes no warranty, expressed or implied, concerning the use of this product, other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

GENERAL DIRECTIONS: This product is a selective herbicide combination for the control of the following annual grasses and broadleaf weeds:

ANNUAL GRASSES: Foxtail, crabgrass, barnyardgrass, goosegrass, stinkgrass, sandbur, watergrass, spangletop, windmillgrass, cupgrass and johnsongrass (from seed).

BROADLEAF WEEDS: Florida pussley, chickweed, lambsquarter, ragweed, purslane, velvetleaf, cocklebur, bin weed, ground cherry, mustards, shephard's purse, pigweed, quickweed, carpetweed, morningglory, beggarweed (beggar-lice) and teasel (prickly sida)

PREPARATION OF SOIL: The area to be treated should be well prepared and as free as possible from stubble and litter. If the land has been plowed the soil clods should be broken up by harrow or roller wheel. Plant on a flat or slightly raised bed. If weather factors make replanting necessary after application, thoroughly disk the area prior to replanting.

METHOD OF APPLICATION: Thorough and uniform coverage of the soil surface is essential for good weed control. Apply as a spray at planting time using either a planter-mounted sprayer or a separate sprayer after the planting operation. The chemical may be applied up to the time of crop emergence or "cracking time" of peanuts but before the crop plants emerge on soybeans.

DIRECTIONS FOR USE: Put one half the recommended amount of water in the spray tank, add the required amount of concentrate, then add the remainder of the water to the tank while mixing. Stir or use by-pass agitation until completely mixed. It is essential that the sprayer be calibrated accurately prior to use on crops.

PEANUTS: Use as an overall spray (broadcast) or band application just as the peanuts begin to crack the ground or "cracking time". This normally is from 5 to 7 days after planting.

RECOMMENDED DOSAGE RATE FOR PEANUTS: Use at the rate of 6 quarts in 20 to 40 gallons of water per acre as an overall spray (broadcast application). Treatment may be used over the entire area or in bands as desired. The soil should not be disturbed after planting when the "cracking time" treatment is used.

Amount of Concentrate Per Acre to Use for Band Treatment of Peanuts.

| Width of Band | Row Spacing | Amount of Concentrate Per Acre |
|---------------|-------------|--------------------------------|
| 10"           | 28 inches   | 5 pints                        |
| 12"           | 30 inches   | 6 pints                        |
| 14"           | 32 inches   | 7 pints                        |
| 16"           | 34 inches   | 8 pints                        |
| 18"           | 36 inches   | 9 pints                        |
| 20"           | 38 inches   | 10 pints                       |
| 22"           | 40 inches   | 11 pints                       |
| 24"           | 42 inches   | 12 pints                       |
| 26"           | 44 inches   | 13 pints                       |
| 28"           | 46 inches   | 14 pints                       |
| 30"           | 48 inches   | 15 pints                       |
| 32"           | 50 inches   | 16 pints                       |
| 34"           | 52 inches   | 17 pints                       |
| 36"           | 54 inches   | 18 pints                       |
| 38"           | 56 inches   | 19 pints                       |
| 40"           | 58 inches   | 20 pints                       |
| 42"           | 60 inches   | 21 pints                       |
| 44"           | 62 inches   | 22 pints                       |
| 46"           | 64 inches   | 23 pints                       |
| 48"           | 66 inches   | 24 pints                       |
| 50"           | 68 inches   | 25 pints                       |
| 52"           | 70 inches   | 26 pints                       |
| 54"           | 72 inches   | 27 pints                       |
| 56"           | 74 inches   | 28 pints                       |
| 58"           | 76 inches   | 29 pints                       |
| 60"           | 78 inches   | 30 pints                       |
| 62"           | 80 inches   | 31 pints                       |
| 64"           | 82 inches   | 32 pints                       |
| 66"           | 84 inches   | 33 pints                       |
| 68"           | 86 inches   | 34 pints                       |
| 70"           | 88 inches   | 35 pints                       |
| 72"           | 90 inches   | 36 pints                       |
| 74"           | 92 inches   | 37 pints                       |
| 76"           | 94 inches   | 38 pints                       |
| 78"           | 96 inches   | 39 pints                       |
| 80"           | 98 inches   | 40 pints                       |
| 82"           | 100 inches  | 41 pints                       |
| 84"           | 102 inches  | 42 pints                       |
| 86"           | 104 inches  | 43 pints                       |
| 88"           | 106 inches  | 44 pints                       |
| 90"           | 108 inches  | 45 pints                       |
| 92"           | 110 inches  | 46 pints                       |
| 94"           | 112 inches  | 47 pints                       |
| 96"           | 114 inches  | 48 pints                       |
| 98"           | 116 inches  | 49 pints                       |
| 100"          | 118 inches  | 50 pints                       |

Note 1. Plant on a flat or slightly raised bed.

Note 2. Space seed in row about 3 inches (Spanish) or 4 inches (other varieties) and plant at least 2 inches deep.

Note 3. May be used in the same manner following the use of a pre-plant incorporated herbicide.

Do not allow spray to contact Ornamentals or Crop Plants not recommended on label as injury may result.

CONTAINER STORAGE AND HANDLING: This concentrate is normally a solution but it may crystalize in the cold (32-40 F). Gentle warming (75-125°F.) will redissolve any crystals. Mild agitation, such as rolling, shaking or stirring before use is recommended. Avoid contamination of foodstuffs, feeds, fertilizers, seeds, plants and pesticides. Store in a cool dry location.

EQUIPMENT CLEANING: Thoroughly rinse spray tank, hose and nozzles with water after application. Use on metal tanks it is difficult to remove from wooden tanks. This product can be removed from metal tanks by washing thoroughly with ammonia water and rinsing several times with water containing a good detergent.

DO NOT USE ON SILT LOAM SOILS OF EXTREMELY FINE TEXTURE.

SOYBEANS: Use as an overall spray (broadcast) or band application just after the soybeans are planted but before the soybean plants emerge from the soil.

RECOMMENDED DOSAGE RATE FOR SOYBEANS: Use at the rate of 6 quarts in 30 to 40 gallons of water per acre as an overall spray (broadcast application). Treatment may be applied over the entire area or in bands as desired.

Amount Per Acre to Use for Band Treatment of Soybeans.

| Width of Band | Row Spacing                    |                                |
|---------------|--------------------------------|--------------------------------|
|               | Amount of Concentrate Per Acre | Amount of Concentrate Per Acre |
| 10"           | 5 pints                        | 5 pints                        |
| 12"           | 6 pints                        | 6 pints                        |
| 14"           | 7 pints                        | 7 pints                        |
| 16"           | 8 pints                        | 8 pints                        |
| 18"           | 9 pints                        | 9 pints                        |
| 20"           | 10 pints                       | 10 pints                       |
| 22"           | 11 pints                       | 11 pints                       |
| 24"           | 12 pints                       | 12 pints                       |
| 26"           | 13 pints                       | 13 pints                       |
| 28"           | 14 pints                       | 14 pints                       |
| 30"           | 15 pints                       | 15 pints                       |
| 32"           | 16 pints                       | 16 pints                       |
| 34"           | 17 pints                       | 17 pints                       |
| 36"           | 18 pints                       | 18 pints                       |
| 38"           | 19 pints                       | 19 pints                       |
| 40"           | 20 pints                       | 20 pints                       |
| 42"           | 21 pints                       | 21 pints                       |
| 44"           | 22 pints                       | 22 pints                       |
| 46"           | 23 pints                       | 23 pints                       |
| 48"           | 24 pints                       | 24 pints                       |
| 50"           | 25 pints                       | 25 pints                       |
| 52"           | 26 pints                       | 26 pints                       |
| 54"           | 27 pints                       | 27 pints                       |
| 56"           | 28 pints                       | 28 pints                       |
| 58"           | 29 pints                       | 29 pints                       |
| 60"           | 30 pints                       | 30 pints                       |
| 62"           | 31 pints                       | 31 pints                       |
| 64"           | 32 pints                       | 32 pints                       |
| 66"           | 33 pints                       | 33 pints                       |
| 68"           | 34 pints                       | 34 pints                       |
| 70"           | 35 pints                       | 35 pints                       |
| 72"           | 36 pints                       | 36 pints                       |
| 74"           | 37 pints                       | 37 pints                       |
| 76"           | 38 pints                       | 38 pints                       |
| 78"           | 39 pints                       | 39 pints                       |
| 80"           | 40 pints                       | 40 pints                       |
| 82"           | 41 pints                       | 41 pints                       |
| 84"           | 42 pints                       | 42 pints                       |
| 86"           | 43 pints                       | 43 pints                       |
| 88"           | 44 pints                       | 44 pints                       |
| 90"           | 45 pints                       | 45 pints                       |
| 92"           | 46 pints                       | 46 pints                       |
| 94"           | 47 pints                       | 47 pints                       |
| 96"           | 48 pints                       | 48 pints                       |
| 98"           | 49 pints                       | 49 pints                       |
| 100"          | 50 pints                       | 50 pints                       |

Note 1. In the black soil areas of western and central states, Missouri, northern Iowa and Illinois, the dosage suggested in the chart above should be increased by approximately one third.

Note 2. Soybean seed should be well covered with soil. Do not use on shallow planted or exposed seed.

Note 3. If heavy rains immediately follow application, weed control

swallowed or absorbed through skin. Do not swallow. Do not wear contaminated clothing. Do not take internally. Keep away from children. Not for use or storage in or around the home. Keep out of any body of water. Birds and aquatic life may be killed. Do not contaminate water, food, or feed. Wash hands and equipment after disposal of waste. Do not use on crops not specified on this label.

WARNING: Excessive fatigue, sweating, thirst and dizziness may develop from any type of exposure. If symptoms develop, lie quiet in coolest spot available. If feverish, cool by immersion in cool water.

FIRST AID: SEND FOR A PHYSICIAN. Induce vomiting with 2 tablespoons of table salt in a glass of water. If vomit fluid is clear, then give 2 teaspoons

|                            |        |
|----------------------------|--------|
| naphthylphthalamate*       | 22.3%  |
| nitro-o-sec-butylphenate** | 11.5%  |
|                            | 66.2%  |
|                            | 100.0% |

N-1-naphthylphthalamidic acid  
 4,6-Dinitro-o-sec-butylphenol

\*NPA and \*\*NPA



If swallowed or absorbed through skin. Do not  
 on clothing. Do not wear contaminated cloth-  
 spray mist. Do not take internally. Keep away  
 ame. Not for use or storage in or around the  
 d wildlife. Keep out of any body of water. Birds  
 treated areas may be killed. Do not contamin-  
 of equipment, or disposal of waste. Do not  
 t specified on this label.

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 AN.

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ed. SEND FOR A PHYSICIAN. Induce vomit-  
 c such as 2 tablespoons of table salt in a glass  
 until vomit fluid is clear, then give 2 teaspoons  
 ss of water. Treat as in FIRST AID, above.

S, immediately flush with plenty of water for at  
 et medical attention.

, immediately remove contaminated clothing,  
 and wash skin with soap and plenty of water.

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If symptoms of poisoning develop, send for a physician and treat as  
 in FIRST AID, above. Discard contaminated clothing and shoes, or  
 clean them thoroughly before re-use. Staining may result if con-  
 taminated articles are allowed to contact carpets, upholstery, etc.  
 NOTE TO ATTENDING PHYSICIAN: Active ingredient is a metabolic  
 stimulant. Treat symptomatically.

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 use and or handling is contrary to label instructions.

GENERAL DIRECTIONS: This product is a selective herbicide combina-  
 tion for the control of the following annual grasses and broad-  
 leaf weeds:

ANNUAL GRASSES: Foxtail, crabgrass, barnyardgrass, goosegrass,  
 stinkgrass, sandbur, watergrass, spangletop, windmillgrass, cupgrass  
 and johnsongrass (from seed).

BROADLEAF WEEDS: Florida pussley, chickweed, lambsquarter, rag-  
 weed, purslane, velvetleaf, cocklebur, bindweed, ground cherry,  
 mustards, shephard's purse, pigweed, quickweed, carpetweed, morn-  
 ingglory, beggarweed (beggar-lice) and teavead (prickly sida).

PREPARATION OF SOIL: The area to be treated should be well pre-  
 pared and as free as possible from stubble and litter. If the land has  
 been plowed the soil clods should be broken up by harrow or roller  
 wheel. Plant on a flat or slightly raised bed. If weather factors make  
 replanting necessary after application, thoroughly disk the area  
 prior to replanting.

METHOD OF APPLICATION: Thorough and uniform coverage of the  
 soil surface is essential for good weed control. Apply as a spray at  
 planting time using either a planter-mounted sprayer or a separate  
 sprayer after the planting operation. The chemical may be applied  
 up to the time of crop emergence or "cracking-time" on peanuts but  
 before the crop plants emerge on soybeans.

DIRECTIONS FOR USE: Put one-half the recommended amount of  
 water in the spray tank, add the required amount of concentrate,  
 then add the remainder of the water to the tank while mixing. Stir or  
 use by-pass agitation until completely mixed. It is essential that the  
 sprayer be calibrated accurately prior to use on crop.

PEANUTS: Use as an overall spray (broadcast) or band application,  
 just as the peanuts begin to crack the ground, or "cracking time"  
 This normally is from 5 to 7 days after planting.

RECOMMENDED DOSAGE RATE FOR PEANUTS: Use at the rate  
 of 6 quarts in 20 to 40 gallons of water per acre as an overall spray  
 (broadcast application). Treatment may be used over the entire area  
 or in bands as desired. The soil should not be disturbed after planting  
 when the "cracking time" treatment is used.

Amount of Concentrate Per Acre to Use for Band Treatment of Pea-  
 nuts.

| Width<br>of Band | Row Spacing |           |           |
|------------------|-------------|-----------|-----------|
|                  | 24 inches   | 28 inches | 30 inches |
| 12"              | 6 pints     | 5 pints   | 4¾ pints  |
| 14"              | 7 pints     | 6 pints   | 5½ pints  |
| Width<br>of Band | Row Spacing |           |           |
|                  | 32 inches   | 34 inches | 36 inches |
| 12"              | 4½ pints    | 4¼ pints  | 4 pints   |
| 14"              | 5¼ pints    | 5 pints   | 4¾ pints  |

Use in 12-20 gallons of water per acre.

Note 1. Plant on a flat or slightly raised band.

Note 2. Space seed in row about 3 inches (Spanish) or 4 inches  
 (other varieties) and plant at least 2 inches deep.

Note 3. May be used in the same manner following the use of a pre-  
 plant incorporated herbicide.

Do not allow spray to contact Ornamentals or Crop Plants not recom-  
 mended on label as injury may result.

CONTAINER STORAGE AND HANDLING: This concentrate is nor-  
 mally a solution but it may crystallize in the cold (32-40°F). Warming  
 (75-105°F) will redissolve any crystals. Mild agitation such as  
 as rolling, shaking or stirring before use is recommended. Avoid  
 contamination of foodstuffs, feeds, fertilizers, seeds, plants and pesti-  
 cides. Store in a cool dry location.

EQUIPMENT CLEANING: Thoroughly rinse spray tank, hose and noz-  
 zles with water after application. Use metal tanks. It is difficult to  
 remove from wooden tanks. This product can be removed from metal  
 tanks by washing thoroughly with ammonia water and rinsing several  
 times with water containing a good detergent.

DO NOT USE ON SILT LOAM SOILS OF EXTREMELY FINE  
 TEXTURE.

SOYBEANS: Use as an overall spray (broadcast), or band applica-  
 tion, just after the soybeans are planted but before the soybean plants  
 emerge from the soil.

RECOMMENDED DOSAGE RATE FOR SOYBEANS: Use at the rate  
 of 6 quarts in 30 to 40 gallons of water per acre as an overall spray  
 (broadcast application). Treatment may be applied over the entire  
 area or in bands as desired.

Amount Per Acre to Use for Band Treatment of Soybeans

| Width<br>of Band | Row Spacing |           |
|------------------|-------------|-----------|
|                  | 28 inches   | 32 inches |
| 12"              | 5 pints     | 4½ pints  |
| 14"              | 6 pints     | 5¼ pints  |
| Width<br>of Band | Row Spacing |           |
|                  | 36 inches   | 40 inches |
| 12"              | 4 pints     | 3½ pints  |
| 14"              | 4½ pints    | 4¼ pints  |

Use in 9 gallons of water per 40-inch row to 13 gallons of water per  
 28-inch row.

Note 1. In the black soil areas of western Indiana, southern Minne-  
 sota, northern Iowa and Illinois, the dosage suggested in the  
 chart above should be increased by approximately one-third.

Note 2. Soybean seed should be well covered with soil. Do not use on  
 shallow planted or exposed seed.

Note 3. If heavy rains immediately follow application, weed control  
 normally will not be impaired. However, some stunting of  
 growth or even stand reduction may be noted, especially in  
 lighter soils. Cool soil temperatures may accentuate this  
 condition. With the return of good growing conditions, the  
 stunted plants usually will recover and maintain a normal  
 growth pattern.

Note 4. This concentrate works best in moist soils. If treatment is  
 used, best results are obtained when water is applied after  
 applying the chemical mixture.

Follow this  
 Rinse and Drain Procedure  
 for Pesticide Containers

