



# PIONEER

BRAND



## PENTA 40 DIRECTIONS FOR USE

**SMALL-SEEDED LEGUMES** — (Alfalfa, Birdsfoot trefoil, Leppedeza, and Clovers such as Alsike, Ladino, Sweet and Red). To enable direct combining of legumes grown for seed production, use 2 to 3 quarts in 5 to 10 gallons of oil per acre. Use the higher volume when foliage is unusually heavy. Stands with extremely dense foliage may require 2 applications made on successive days. Apply when seeds are fully matured, and harvest as soon as foliage is sufficiently dry. This may require as little as 2 days for crops like birdsfoot trefoil, or up to 7 days for alfalfa. Too long a delay before harvesting may cause excessive seed shattering. Do not graze treated areas or feed treated forage or threshings to livestock.

**WINTER GRASSES AND BROAD LEAVED WEEDS IN DORMANT ORNAMENTAL BERMUDA TURF** — To control Chickweed, Hairy Chess Grass, Rescue Grass, Cheat, Annual Bluegrass, Plantains, June Grass and Little Barley Grass add 3 ounces (6 Tbsp.) of PENTA 40 to 7 pts. of Kerosene. Spray this dilute mixture over 1000 sq. ft. of turf area to thoroughly cover the undesirable weeds and grasses. Apply to the lawn only when the Bermuda Grasses are dormant in the fall and winter after the tops have been killed or in early spring before the new growth starts. Do not increase dosage rates since injury may result to the permanent grasses.

**WARNING** — Do not apply to crops until harvested portion is matured, or reduced yield or germination of seed crops may result. Do not allow to contact portions of plants intended for human or animal consumption. This formulation is combustible. Do not use or store near fire or flame. Keep container closed when not in use.

This product is toxic to fish. Keep out of lakes, ponds and streams. Do not apply to any area not specified on the label.

Keep away from children or pets and livestock. Spray equipment is best cleaned by rinsing with some of the oil used in spraying. Soapy water may also be used, since slight traces of this spray remaining in the sprayer will not be harmful.

Penta does not move within the plant, but dries only the foliage that is contacted by the spray. Be sure the spray equipment being used is providing uniform and complete coverage.

**WARNING** — Harmful if swallowed or absorbed through the skin. Causes skin irritation. Do not breathe vapor, fumes or spray mist. Do not get into eyes, on skin or on clothing. Wash thoroughly. Do not store or use near open flame. Plants or shrubbery should be removed within 3 feet of treatment area or protect plants with Tar Paper.

**PENTA 40**  
Protects against termites, wood rotting fungi, Lyctus powder post beetles and other wood degrading organisms.

## WARNING

Keep out of  
Reach of  
Children  
  
See back  
panel for  
additional  
Cautions

## PENTA 40 DIRECTIONS FOR USE

**TERMITE CONTROL IN HOUSES** — When termites are known to exist in foundation structures such as supporting pillars, in steps and porches as well as in house sidings and upper structures the soil adjoining the wood or adjacent to termite runs should be treated. Since the termite nest is in the soil the natural thing to eliminate them is to cut them off from the nest. Open a trench around the foundation or the adjacent wood structures 30 inches deep, but not below the top of the footing if this is more shallow. Mix 1 part Penta 40 to 9 parts fuel oil or kerosene. Treat the bottom of the trench with the diluted material at the rate of 1 gallon per linear foot of trench 15-30 inches deep and 1 gal. per 2 linear feet in trenches less than 15 inches deep and then replace the soil in the trench and treat the soil. Inspect treated areas frequently for reinfestations. For protection against termites, treat wood prior to use in construction.

**SURFACES TO BE PAINTED** — Dilute one (1) part Penta 40 with nine parts Naptha (sometimes called Paint and Varnish Maker's Naphtha), Oleum Spirits or Mineral Spirits. Treat the wood members as described under directions for use.

**OTHER USES** — To prevent fungus rot — Dilute one (1) part Penta 40 with nine parts Distillate, Fuel Oil or Kerosene. Treat wood members as described under directions for use.

**APPLY AS A SPRAY** — Use a hand mist type or pressure sprayer. Two flowing coats of the diluted material are usually sufficient to protect joists, timbers and other wood from Termites, Lyctus Powder Post Beetles and Wood Rotting Organisms. Treat all structures which come in contact with the soil. Spray all ends and joints of wood for a distance of 3 to 4 feet as well as sections around chimneys, cellar stairs, vent pipes and porches.

**APPLY WITH A BRUSH** — When applying with a brush make sure that the material penetrates the wood. Make a second application to insure proper treatment. Allow the material to freely flow over the areas to be treated paying special attention to the ends and joints for a distance of 3 to 4 feet.

**DIPPING OR SOAKING** — To protect dry and well seasoned timbers, posts and other heavy wood members before construction or before placing wood in contact with the soil dip each wood member for 12 to 48 hours to give effective penetration of the wood. Fabricated products such as doors, windows, etc., should be dipped 3 to 30 minutes.

All wood members should be free of bark before receiving treatment.

# BARTELS & SHORES

# PIONEER

## PENTA 40

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See back panel for additional Cautions

### PENTA 40 DIRECTIONS FOR USE

**SMALL-SEEDED LEGUMES** Apply to Bush clover, alfalfa, lespedeza and other species such as Alsike, lotus, sweet and red clover. Available for use on growing plants grown for seed production. Use the following directions. Dig down to 10 inches below the surface of the soil. Apply Penta 40 to the soil in a 2-foot wide band around the plants. Apply when seeds are first sown and repeat as soon as the plants are 2 feet high. This will protect the plants up to 2 feet high from seedling stage to the first cutting. Repeat application as needed.

**WINTER GRASSES AND BROAD LEAVED WEEDS IN DORMANT ORNAMENTAL BERMOUDA TURF** Apply Penta 40 to the soil in a 2-foot wide band around the plants. Apply when seeds are first sown and repeat as soon as the plants are 2 feet high. This will protect the plants up to 2 feet high from seedling stage to the first cutting. Repeat application as needed.

**WAXY LEAFED GRASSES** Apply to the soil in a 2-foot wide band around the plants. Apply when seeds are first sown and repeat as soon as the plants are 2 feet high. This will protect the plants up to 2 feet high from seedling stage to the first cutting. Repeat application as needed.

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**SURFACE APPLICATIONS** Apply Penta 40 to the soil in a 2-foot wide band around the plants. Apply when seeds are first sown and repeat as soon as the plants are 2 feet high. This will protect the plants up to 2 feet high from seedling stage to the first cutting. Repeat application as needed.

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