



PREMERGE* 3 DINITRO AMINE HERBICIDE

E.P.A. Registration No. 464-490

SUPPLEMENTAL LABELING

OTHER CROPS

BEANS (Field, Lima, Snap): Preemergence Use 2.5 to 3 gallons of PREMERGE 3 in about 30 gallons of water per acre at time of, or shortly after, planting. Do not use PREMERGE 3 on very light sandy soils containing little or no organic matter.

Emergence If desired, delay treatment until weeds have emerged and beans are not beyond the crook stage using 1 to 1.5 gallons of PREMERGE 3 in about 30 gallons of water per acre as an overall spray. **Postemergence** To control many emerged annual broadleaf weeds including nightshades, cocklebur, annual smartweed, annual morning glory, common ragweed and lambs quarters in field beans west of the Rocky Mountains only, use PREMERGE 3 at 2 to 3 quarts in 75 gallons of water per acre as an overall spray. Apply after first trifoliolate bean leaves have reached full size but before bloom and when broadleaf weeds are not more than 2 to 3 inches tall. The amount of PREMERGE 3 to be used per acre depends on the maximum air temperature expected within 24 hours: use 3 quarts at less than 85°F, 2.5 quarts from 85 to 95°F, and 2 quarts above 95°F. Some burn of bean foliage usually occurs but the plants normally recover within a few days. Be sure spray tank or spray mixture does not contain oil or added surfactant. **Note:** Do not graze or feed treated forage to livestock within 6 weeks after spraying. Do not apply by aircraft nor use spray volume less than 75 gallons per acre by ground equipment.

CORN (Field, Popcorn and Sweetcorn): Preemergence Use 2.5 to 3 gallons of PREMERGE 3 in about 30 gallons of water per acre as an overall spray at time of planting. **Early Postemergence**

Use 1 to 1.5 gallons of PREMERGE 3 in about 30 gallons of water per acre as an overall spray to control seedling grasses and broadleaf weeds that have emerged. Apply when corn is not beyond the 2 leaf stage and weeds are very small. Partial burning of corn leaves is not ordinarily harmful. Burning may be more severe if spraying is done during hot weather. Rates of 2 to 3 quarts of PREMERGE 3 per acre will give satisfactory control of newly emerged broadleaf weed seedlings.

CUCURBITS: Direct Seeded Apply preemergence only in Northwest, North Central and Northeastern States using 0.5 to 1 gallon of PREMERGE 3 for cucumbers and 1 to 2 gallons per acre for muskmelons, watermelons, pumpkins and squash. Apply in about 30 gallons of water per acre after planting but before crop emergence. Use the higher rates on heavy soils. **Note:** Do not use on sandy soils. Plant seed no less than 1 inch deep. Heavy rainfall soon after application may leach the dinoseb to the seed level and severely injure the crop, especially cucumbers. Do not use if soil

is to be covered with plant protectors. **Transplants of Cucumbers, Muskmelons, or Watermelons Grown Through a Clear Plastic Mulch** For control of most annual broadleaf weeds and grasses apply 1 to 1.5 gallons of PREMERGE 3 in about 30 gallons of water per acre to well prepared soil early in the spring and lay plastic immediately. Delay transplanting at least 2 weeks or until no yellow color remains under the plastic.

PEAS: Preemergence Use 2 to 3 gallons of PREMERGE 3 in about 30 gallons of water per acre as a broadcast spray after planting but before emergence of the crop. **Postemergence** Use 1 to 3 quarts of PREMERGE 3 in about 30 gallons of water per acre with ground equipment or in 5 to 10 gallons of water per acre by aircraft. Apply prior to bloom when the peas are 2 to 8 inches tall and weeds are small. Dosage required per acre varies with maximum air temperature expected during the 24 hour period immediately following application: use 3 quarts below 70°F, 2 to 3 quarts from 70 to 75°F, 1.5 to 2 quarts from 75 to 80°F, and 1 to 1.5 quarts from 80 to 85°F. Do not apply at temperatures above 85°F. **Note:** Some foliage burn of peas may occur but plants normally recover within a few days. Apply only when crop foliage is dry. Allow time for peas to harden following a period of cool, cloudy weather before spraying. Do not apply after flower buds are visible. **Do not graze or feed treated pea forage to livestock unless at least 6 weeks has elapsed between spraying and harvest of the peas.**

When foxtail grasses are a problem, use the same amount of PREMERGE 3 and add one pound of DOWPON* M Grass Killer per acre. See Pea recommendation on the label for DOWPON M Grass Killer.

POTATOES: Preemergence as Tank Mix of PREMERGE 3 with LASSO Herbicide For longer residual control of germinating weeds, apply 4 to 6 quarts of PREMERGE 3 with 2 to 3 quarts of LASSO in 20 or more gallons of water per acre as an overall spray after planting and before crop emergence. Use the lower rates of PREMERGE 3 and LASSO on lighter soils. For best results delay application until weeds have just emerged but before emergence of the potatoes. Preemergence dragging or hilling should be done at or soon after planting and before spraying to permit weeds to emerge earlier than the crop. **Do not use this treatment under furrow irrigation or incorporate the spray into the soil.**

SMALL GRAINS (Barley, Oats, Rye and Wheat Seeded Alone or Interplanted With a Legume): Postemergence Use PREMERGE 3 at rates of 1.5

to 2 quarts per acre by either ground equipment or by aircraft, and apply when grain is 2 to 6 inches tall and weeds are small. For aerial application dilute in enough water to make 10 to 15 gallons of spray per acre. For ground spraying dilute in enough water to make 30 to 50 gallons per acre. To avoid excessive burn of crop foliage, use the lower rate of PREMERGE 3 during periods of cloudy weather. **Note:** Do not graze or feed treated forage to livestock within 6 weeks after spraying.

STRAWBERRIES: For established plantings in the Northwest, use 4 to 6 quarts of PREMERGE 3 in 40 to 60 gallons of water per acre, and apply in early spring before bloom or after harvest.

DAFFODILS, TULIPS AND SIMILAR FALL PLANTED BULBS: Preemergence Spray in late fall following emergence of winter annual weeds using 1 to 2 gallons of PREMERGE 3 in about 30 gallons of water per acre. Do not apply after bulb shoots emerge above ground.

GLADIOLUS: Preemergence Use 2.5 to 3.5 gallons of PREMERGE 3 in about 30 gallons of water per acre as an overall spray preferably just before crop emergence.

NON-CROP AREAS

PREMERGE 3 is highly effective in controlling broadleaf weeds and unwanted grasses in non-crop areas such as airfields, drainage ditches, industrial building and storage sites, around farm buildings, along fence rows and on rights-of-way for utility installations, railroads and highways. Apply when the vegetation is young and succulent and preferably during warm sunny weather using a mixture prepared as follows for 100 gallons of spray: add about 75 gallons of water to the spray tank; with good agitation add 1 gallon of PREMERGE 3 plus 1 quart agricultural surfactant and 10 gallons of diesel oil or weed oil and add water to bring spray volume to 100 gallons. With continued agitation apply at moderate pressure 50 to 100 psi using 100 to 200 gallons of spray mixture per acre to thoroughly wet all vegetation. DOWPON M Grass Killer may be added at the rate of 10 pounds per 100 gallons of spray to improve kill of grasses. Repeat the application as needed. **Note:** Do not graze or feed treated vegetation to livestock.

Read and observe all precautions given on the label affixed to the container for PREMERGE 3 Dinitro Amine Herbicide.

THE DOW CHEMICAL COMPANY

MIAMI, FLORIDA; NEW YORK, NEW YORK; PHOENIX, ARIZONA; ST. LOUIS, MISSOURI; TORONTO, CANADA; WASHINGTON, D.C.; WILMINGTON, DELAWARE

Alfalfa, Ladino Clover and Clover Seedlings Use 2 quarts of PREMERGE 3 in about 30 gallons of water per acre at time of planting. Do not use on very light sandy soils containing little or no organic matter. **Emergence** If desired, delay treatment until weeds have emerged and alfalfa or clover are not beyond the crook stage using 1 to 1.5 gallons of PREMERGE 3 in about 30 gallons of water per acre as an overall spray. **Postemergence** To control many emerged annual broadleaf weeds including nightshades, cocklebur, annual smartweed, annual morning glory, common ragweed and lambs quarters in field beans west of the Rocky Mountains only, use PREMERGE 3 at 2 to 3 quarts in 75 gallons of water per acre as an overall spray. Apply after first trifoliolate bean leaves have reached full size but before bloom and when broadleaf weeds are not more than 2 to 3 inches tall. The amount of PREMERGE 3 to be used per acre depends on the maximum air temperature expected within 24 hours: use 3 quarts at less than 85°F, 2.5 quarts from 85 to 95°F, and 2 quarts above 95°F. Some burn of bean foliage usually occurs but the plants normally recover within a few days. Be sure spray tank or spray mixture does not contain oil or added surfactant. **Note:** Do not graze or feed treated forage to livestock within 6 weeks after spraying. Do not apply by aircraft nor use spray volume less than 75 gallons per acre by ground equipment.

FRUIT AND NUT CROPS

Ground Cover under Almonds, Apples, Nectarines, Olives, Peaches, Pears, Plums, and Prunes Use 1 to 2 quarts of PREMERGE 3 in about 30 gallons of water per acre as an overall spray at time of planting. Do not use on very light sandy soils containing little or no organic matter. **Emergence** If desired, delay treatment until weeds have emerged and ground cover is not beyond the crook stage using 1 to 1.5 gallons of PREMERGE 3 in about 30 gallons of water per acre as an overall spray. **Postemergence** To control many emerged annual broadleaf weeds including nightshades, cocklebur, annual smartweed, annual morning glory, common ragweed and lambs quarters in field beans west of the Rocky Mountains only, use PREMERGE 3 at 2 to 3 quarts in 75 gallons of water per acre as an overall spray. Apply after first trifoliolate bean leaves have reached full size but before bloom and when broadleaf weeds are not more than 2 to 3 inches tall. The amount of PREMERGE 3 to be used per acre depends on the maximum air temperature expected within 24 hours: use 3 quarts at less than 85°F, 2.5 quarts from 85 to 95°F, and 2 quarts above 95°F. Some burn of bean foliage usually occurs but the plants normally recover within a few days. Be sure spray tank or spray mixture does not contain oil or added surfactant. **Note:** Do not graze or feed treated forage to livestock within 6 weeks after spraying. Do not apply by aircraft nor use spray volume less than 75 gallons per acre by ground equipment.

kill of grasses. Repeat the application as needed. Note: Do not graze or feed treated vegetation to livestock.

Read and observe all precautions given on the label affixed to the container for PREMERGE 3 Dinitro Amine Herbicide.

THE DOW CHEMICAL COMPANY

MIDLAND MICHIGAN 48840 USA ZÜRICH SWITZERLAND HONG KONG CHINA
 CORAL GABLES, FLORIDA 33134 USA SARNIA ONTARIO CANADA

GENERAL INFORMATION

PREMERGE 3 Dinitro Amine Herbicide is a water soluble formulation containing dinoseb which is effective in both preemergence and postemergence applications to control many annual broad leaf weeds and grasses such as mustards, annual smartweed, nightshades, yellow star, thistle, lambsquarters, pigweeds, Florida pusley, purslane, common ragweed, crabgrass, chickweed and foxtails. Weeds are killed by contact action, only either by foliar contact of emerged weeds or by root contact of germinating seedlings with dinoseb in soil. Only partial control of certain vigorous annual broadleaf weeds and grasses may be obtained after they become well established or under drought or cool weather conditions. Established perennials usually are not controlled. Oil or surfactants increase the burning action of PREMERGE 3 and should not be added to spray mixtures unless recommended. Do not mix with liquid fertilizer. See Supplemental Labeling for uses not on this label. Read and follow all use and safety precautions on this label.

TYPES OF TREATMENT

STALE SEEDBED before or soon after planting crops. Apply after weeds have emerged. Only annual weeds that are up at time of spraying will be killed. Other herbicides will be needed for season long weed control.

PREEMERGENCE between planting and emergence of the crop. For best results, the soil surface should be free of clods and trash, moist and fairly firm. Results are usually improved by delaying application until 1 to 3 days before crop emergence. Light to moderate rainfall or irrigation, flood or sprinkler, after treatment is usually necessary for good residual effect, but heavy rain may cause excessive leaching of the chemical with resultant lower weed control. Retreat as soon as weed growth warrants after crop emergence, if recommended, or start cultivation.

POSTEMERGENCE after crop plants emerge. For best results, spray when weeds, especially grasses, are small seedlings. Apply PREMERGE 3 preferably during warm, sunny weather when crop foliage is dry using low pressure, 25 to 50 psi. PREMERGE 3 may burn leaves of crop plants contacted by the spray but the effect is usually only temporary. With high temperature conditions, PREMERGE 3 is more active and less product is required for good weed control. Use enough spray volume to give uniform and complete coverage of all weed foliage.

ATTENTION: Use only in crops designated on this or other approved supplemental labeling for PREMERGE 3 Dinitro Amine Herbicide. Do not spray or allow spray drift to contact desirable crop plants including ornamental plants, except as recommended below.

MIXING AND APPLICATION INSTRUCTIONS

Spraying equipment should be carefully calibrated before using. Use enough spray volume to provide good coverage of soil surface or weeds. Unless otherwise specified, select spray nozzles and pressure to provide 20 to 40 gallons of spray per acre by ground equipment or 3 to 10 gallons per acre by aircraft. All rates of application are expressed for overall or broadcast coverage. For band application the amount of spray required will be proportionately less depending on the width of bands treated.

Note: To ensure product uniformity, mix thoroughly by rolling unopened container before using. Use only approved agricultural surfactants such as Multifilm X 77, Triton X 100 or Tween 20 brands.

STALE SEEDBEDS

Preplant or Preemergence Control of Emerged Weeds in Beans, Corn, Potatoes and Soybeans
 PREMERGE 3 may be used to control small annual broadleaf weeds and annual grasses that have emerged on previously tilled fields prior to or immediately after planting beans, corn, potatoes or soybeans. For aerial application use 2 to 4 quarts of PREMERGE 3 plus 1 to 2 pints of an agricultural surfactant, such as Multifilm X 77, Triton X 100 or Tween 20 brands, with enough water to give 3 to 10 gallons of spray mixture per acre. With ground equipment use 2 to 4 quarts of PREMERGE 3 plus 1 to 2 pints of agricultural surfactant with enough water to give about 30 gallons spray mixture per acre. Use the higher rates of PREMERGE 3 and surfactant where grass seedlings predominate.
Note: Any crop plants that are up at time of spraying may be seriously injured.

COTTON

Directed Postemergence Use PREMERGE 3 at the broadcast rate of 2 to 3 quarts with 1 to 2 pints of agricultural surfactant, such as Multifilm X 77, Triton X 100 or Tween 20 brands, in about 40 gallons of water per acre for the control of emerged broadleaf weeds including cocklebur, annual morning glory, prickly sida, tea weed, coffee weed, Sesbania, three-seed mercury, pigweed and many others. Proportionately less of the same spray mixture will be required when only bands are treated. Apply as a carefully directed spray with oiling type or other precision directed spray application equipment. Direct the spray toward the base of the cotton plants to provide maximum wetting of the weeds with minimum contact to the cotton. Cotton foliage wet by the spray will be injured and some blackening of the stems may occur. However, no permanent injury is caused when spray is confined to the base of the cotton plants. To avoid crop injury spray must be confined to the lower half of the cotton plants. For best results, make the first application when cotton plants are 4 to 5 inches tall and weeds are 1 inch or less in height. Repeat the application in 7 to 14 days and if needed follow with a third application any time until bolls begin to open.
Note: Small cotton plants completely covered by the spray may be killed. Do not apply when soil surface is wet when cotton plants are extremely succulent or when small cotton plants are seriously affected by seedling diseases.

FORAGE LEGUMES

Alfalfa, Ladino Clover, Red Clover, Sweet Clover, and Birdsfoot Trefoil - New Plantings Use 1.5 to 2 quarts of PREMERGE 3 in about 30 gallons of water per acre when crop seedlings have two or more leaves and weeds are small. **Established Stands** Apply 1 to 1.5 quarts of PREMERGE 3 in about 30 gallons of water per acre as soon as chickweed appears. If new chickweed seedlings emerge after spraying, repeat the treatment. If chickweed becomes well developed delay application until legumes are dormant and use 2 to 4 quarts of PREMERGE 3 per acre in 60 to 100 gallons of spray per acre. Use the higher rates of PREMERGE 3 and larger spray volumes on larger weeds or when temperatures are below about 55°F. Heavy weed growth may require a second application. **Note:** Do not graze or feed treated forage to livestock within 6 weeks after spraying.

FRUIT AND NUT ORCHARDS AND GRAPE VINEYARDS

Ground Cover under Almonds, Apples, Apricots, Cherries, Citrus, Dates, Figs, Filberts, Grapes, Nectarines, Olives, Peaches, Pears, Pecans, Plums, Prunes, Walnuts Use 3 to 3.5 gallons of PREMERGE 3 plus 1 to 2 quarts of an agricultural surfactant, such as Multifilm X 77, Triton X 100 or Tween 20 brands, or 2 to 4 gallons of emulsifiable crop oil with water to make 100 gallons of mixed spray per acre. Use as a floor spray in fruit and nut plantings of all ages and in grape vineyards only when the vines are 2 years old or older. Apply the spray only to the ground cover and direct the spray across the rows. Apply no higher than 12 inches on tree trunks or main grape stems. When band spraying use amounts of spray proportional to the area actually treated. Treat the entire soil area when weeds are in one to two leaf stage. For best residual control apply 1 to 1 acre inch of irrigation water, basin or sprinkler, if no rain occurs within a few days. Furrow irrigation is not adequate. Do not disturb the soil until weeds reinvade the area. Repeat the treatment as needed but use no more than four applications per year. **Note:** Keep spray off fruit and foliage. Do not apply within 30 days before harvest. Do not allow livestock to graze treated areas.

PEANUTS

Make one early application, preemergence, early cracking stage, or early postemergence, followed by one or two later postemergence applications as needed, in accordance with the following directions. **Preemergence** Use 3 to 4 gallons of PREMERGE 3 in about 30 gallons of water per acre as an overall spray. Apply at any time between planting and emergence. **Early Cracking Stage** Use 2 gallons of PREMERGE 3 in about 30 gallons of water per acre as an overall spray. **Early Postemergence** From emergence until the plants are 1.5 to 2 inches in diameter. Apply overall using 1 gallon of PREMERGE 3 in about 30 gallons of water per acre. Such an application will control weeds just coming through, but will not provide long term residual effectiveness. Some foliage injury may be noted on the peanuts, particularly if the temperatures are high. **Later Postemergence** One or two directed applications may be made up to one month after the early

cracking stage. Apply when new weeds are first visible. Use 2 quarts of PREMERGE 3 in about 30 gallons of water per acre. Direct the spray to the base of the peanut plants using precision application equipment to minimize contact with peanut foliage.

Tank Mix of PREMERGE 3 with LASSO™ Herbicide Apply in peanuts at the cracking stage to control seedling broadleaf weeds and annual grasses such as annual morning glory†, annual smartweed†, barnyardgrass, beggarweed, brachiaria, carpetweed, cocklebur†, common ragweed, copperleaf†, crabgrass, fall panicum, Florida pusley, foxtail, goosegrass, lambsquarters, pig weed, carelessweed, prickly sida (tea weed)†, purslane, sandbur†, seedling johnsongrass††, sicklepod†, witchgrass, and yellow nutsedge††. The amount of PREMERGE 3 to be used per acre depends on the maximum air temperature at the time of spraying or expected within 24 hours. Use 2 quarts up to 90°F, and 1.5 quarts above 90°F plus 2 to 3 quarts of LASSO in 20 to 40 gallons of water for overall coverage, and proportionately less for band treatment. Apply during the soil cracking stage as peanuts are beginning to emerge. For best results, rain should follow application within a few days to activate the LASSO herbicide. Before using LASSO with PREMERGE 3, read and observe all use precautions and statements of hazard given on containers for both products.

† Best control is usually obtained with the higher rates shown above. If needed, a follow-up postemergence application of PREMERGE 3 alone may be applied as described above.
 †† Suppression can be expected only by application of the higher dosage rates followed by at least 1/4 inch of rain to activate the LASSO herbicide. Results may be poorer under dry soil conditions.

POTATOES

Preemergence Weed Control Use 1 to 2 gallons of PREMERGE 3 per acre in about 30 gallons of water and apply as an overall spray 1 to 3 days before the potatoes emerge. If seedling grasses are a problem add DOWPON™ M Grass Killer to the above mixture at a rate to give 3 pounds per acre and apply in the same manner. **Note:** To avoid possible crop injury do not apply PREMERGE 3 to potatoes growing on light sandy soil containing little or no organic matter. Do not use DOWPON M in sprays to be applied to White Rose or red skinned varieties.

Preharvest Vine Killing Use 2 to 3 quarts of PREMERGE 3 per acre in a spray prepared as follows: Mix 1 pint of a nonionic emulsifier (such as Multifilm X-77, Triton X-100 or Tween 20 brands) in 5 gallons of fuel oil and emulsify in 30 gallons of water, then add the PREMERGE 3 with vigorous agitation and spray at moderate pressure. Apply 10 to 20 days before harvest during warm sunny weather. Complete coverage of the vines is essential. **Note:** Do not spray exposed tubers nor graze treated fields.

SOYBEANS

PREEMERGENCE - Apply 2 to 2.5 gallons of PREMERGE 3 in about 30 gallons of water per acre between planting and crop emergence. Do not use on very light sandy soils. Some reduction in stand of soybeans may result but this does not ordinarily reduce crop yield.

For improved grass control, longer residual control of germinating seedlings and reduced risk of crop injury, use a tank mix combination of PREMERGE 3 and AMIBEN™ Preemergence Herbicide consisting of 4 to 6 quarts of PREMERGE 3 plus 3 to 4 quarts of AMIBEN per acre applied at time of planting or before crop emergence. Use the higher rate of each product on clay and clay loam soils.

EARLY POSTEMERGENCE (when soybeans have emerged and are still in the cotyledon stage before first leaves open to expose the terminal bud) - To control emerged weeds including pigweeds, cocklebur, annual morning glory, jimsonweed, common ragweed, velvetleaf, annual smartweed, small seedling grasses and many others that emerge before or with the crop, use 2 to 3 quarts of PREMERGE 3 in 3 to 5 gallons of water applied by aircraft or in about 30 gallons of water applied by ground equipment. The amount of PREMERGE 3 to be used per acre depends on the maximum air temperature expected within 24 hours: use 3 quarts below 75°F, 2 quarts from 75 to 95°F and do not apply above 95°F.

For residual control of annual weed seedlings that may germinate after spraying, add 3 quarts of AMIBEN Preemergence Herbicide per acre as a tank mix to the amount of PREMERGE 3 recommended. To avoid crop injury with mixtures of PREMERGE 3 and AMIBEN, observe precautions for use of PREMERGE 3 alone. Some injury to soybean plants may occur but yields usually are not reduced. **Note:** Do not spray if soil surface is wet or if first leaves have opened. Do not use this treatment if AMIBEN has been applied preemergence.

OVERALL LATER POSTEMERGENCE (Salvage Program for Use at Grower's Risk as an Alternative to Replanting) This treatment may be used when needed as an aid to control emerged cocklebur and morning glory, and as a supplement to, but not as a replacement for, the early postemergence treatments. If unable to make an early postemergence treatment or if a new flush of cocklebur or morning glory emerges soon afterwards and is as tall or nearly as tall as the soybeans, use the overall later postemergence salvage treatment to establish the height differential needed for directed sprays. Directed postemergence treatments may begin within a few days after overall later postemergence treatments to maintain control in heavily infested fields.

Apply 1 to 2 pints of PREMERGE 3 in 20 or more gallons of water per acre as a broadcast spray by ground equipment or apply the same amount of PREMERGE 3 by aircraft in 3 to 10 gallons of water per acre. Do not include surfactant in the spray mix. Use this treatment as early as when the first true leaves of the soybeans have expanded but no later than when the soybeans begin to bloom. Small succulent weeds are easiest to kill so best results are obtained when treatment is made as soon after weed emergence as possible. Use 1 to 1.5 pints PREMERGE 3 per acre when the soybeans and weeds are small. Weed control may be poor under drought stress conditions.

Note: Under good growing conditions, damage to soybeans will be limited to foliar burn, followed by rapid recovery and normal yields. Crop injury may be more severe when the soybeans are under stress from conditions such as disease or low moisture. **Occasionally, loss of an economic stand may occur.** If the field is replanted or abandoned, do not graze or feed treated forage.

DIRECTED POSTEMERGENCE Apply when soybeans are 5 to 6 inches tall up to the time they begin to bloom. Use PREMERGE 3 at the rate of 2 to 4 quarts per acre in 30 to 40 gallons of water for the control of emerged cocklebur, morning glory, coffee weed (Sesbania), pigweed and many other broadleaf weeds. Apply as directed spray through oiling type or other precision directed spray application equipment. Proportionately less of the same spray mixture will be required when only bands are treated. Direct the spray toward the base of the soybean plants to provide for maximum wetting of weeds with minimum contact of the crop. Control of coffee weed and grass seedlings will be improved by the addition of 2 quarts of an agricultural surfactant (such as Multifilm X 77, Triton X 100 or Tween 20 brands) in each 100 gallons of spray. Repeat the directed application once or twice at 7 to 14 day intervals, if needed. **Note:** Confine the spray to the lower half of the soybean plants. Leaves wet by the spray will be injured but no reduction in yield will usually occur if the spray is applied only to the base of the plants. Do not apply after the soybeans begin to bloom. Do not graze or forage treated soybeans within 3 weeks after treatment.

TANK MIX OF PREMERGE 3 PLUS LASSO™ Apply to stale seedbed or as preemergence or early postemergence treatment in soybeans to control seedling broadleaf weeds and annual grasses such as barnyardgrass, black nightshade, brachiaria, carpetweed, cocklebur, crabgrass, fall panicum, Florida pusley, foxtails, goosegrass, jimsonweed†, lambsquarters, morning glory†, mustard, pigweed, purslane, common ragweed, seedling johnsongrass††, smartweed, velvet leaf†, witchgrass and yellow nutsedge††.

† Best results can be obtained by treatment after weeds have emerged.
 †† Control or suppression can be expected by application of higher dosage rates immediately after planting, followed by at least one half inch of rain to activate the herbicides. Under less favorable conditions, results may be poorer.

Note: Recommended tank mixtures of PREMERGE 3 and LASSO will not control established johnsongrass, Canada thistle, field bindweed, bullnettle or other established perennial weeds.

Use the amounts of PREMERGE 3 and LASSO indicated in the table and mix in enough water to obtain uniform overall spray coverage, usually 30 gallons per acre, or proportionately less for band treatment. Provide continuous agitation in the spray tank during mixing, holding, and spraying operations to keep spray uniformly mixed.



Quarts of PREMERGE 3 and LASSO Per Acre for Overall Coverage in Soybeans

| Soil Texture | Stale Seed Bed or Preemergence | | Early Postemergence | | |
|--------------|--------------------------------|----------|---------------------|------------|----------|
| | PREMERGE 3 plus LASSO | LASSO | PREMERGE 3 | plus LASSO | LASSO |
| Sandy loam | 4 | 2 | 3 | 2 | 1.5 |
| Silt loam | 6 | 2 to 2.5 | 3 | 2 | 2 |
| Heavy clay | 6 | 2.5 to 3 | 3 | 2 | 2.5 to 3 |

Apply to stale seedbeds either before or after planting but before emergence of the soybeans to control weeds that are up as well as those that have not emerged in fields prepared for planting several weeks earlier. Rain or irrigation is needed after preemergence application to activate the herbicides, preferably within 4 to 6 days after treatment. The early postemergence treatment can be applied when weeds are up and soybeans are in the cotyledon stage but before first leaves open to expose the buds. This may cause some injury to the soybeans but the effect is usually temporary and not harmful to yield. **Note:** Do not use on light sandy soils. Do not spray if soil surface is very wet, first soybean leaves have opened, or air temperature is expected to exceed 95°F within 24 hours after application. Do not apply the tank mix postemergence if LASSO has been applied preemergence. Before using LASSO with PREMERGE 3, read and observe all use precautions and statements of hazard on labels affixed to containers of these products.

OTHER USES

Consult supplementary labeling available from your dealer or from the Ag Organics Department, The Dow Chemical Company, P.O. Box 1706, Midland, Michigan 48640 for registered use directions for PREMERGE 3 in the following crops: beans, field lima, snap, corn, cucurbits, cucumbers, muskmelons, watermelons, pumpkins, squash, peas, potatoes, small grains, strawberries, daffodils, tulips and similar fall planted bulbs, and gladiolus, and in non crop areas.

USE PRECAUTIONS

To avoid staining of carpets, upholstery, etc., keep contaminated clothing and shoes outdoors until cleaned. Rinse equipment and containers with water and dispose of wastes by burying in non crop lands away from water supplies. Dispose of empty containers by punching holes in them and burying with wastes.

This product is toxic to fish and wildlife. Keep out of lakes, streams, or ponds. Birds and other wildlife in treated areas may be killed. Do not apply when a runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Apply this product only as specified on this label.

Not for use or storage in or around the house.

GUARANTEE PREMERGE 3 Dinitro Amine Herbicide is guaranteed by The Dow Chemical Company to the full extent of the purchase price to provide an acceptable spray mixture in any water suitable for spraying, which will not cause clogging of proper nozzles and screens in spray equipment.

NOTICE Seller warrants that the product conforms to its name and description and is seasonally suitable for the purposes stated on the label when used in accordance with the directions under normal conditions of use, but neither this warranty nor any other warranty, statement or representation made by the seller extends to the use of this product under any conditions of use, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

10586 074 1

A 1175

THE DOW CHEMICAL COMPANY
 AND SUBSIDIARIES

MIDLAND MICHIGAN 48840 USA ZÜRICH SWITZERLAND HONG KONG CHINA
 CORAL GABLES, FLORIDA 33134 USA SARNIA ONTARIO CANADA

* Trademark of THE DOW CHEMICAL COMPANY