

PEARSON'S KLEEN-GRO is an approved selective pre-emergence herbicide for control of CRABGRASS and other annual grasses and certain broadleaved weeds on mineral soils in HOME FLOWER AND VEGETABLE GARDENS and NURSERIES.

Pearson's KLEEN-GRO must be applied prior to weed seed germination.

For use in
NURSERIES
HOME FLOWER GARDENS
STRAWBERRIES and
VEGETABLE GARDENS

DO NOT USE ON Bugle-weed, Button pink, Carnation, Geum, Germander, Mesembryanthemum, Pansy, Phlox, Sweet William, Telanthera.

149 RECOMMENDED USAGES

WHEN TO USE:

At time of seeding of Beans (dry, snap), Broccoli, Brussels sprouts, cabbage, cauliflower, collards, cucumbers, garlic, kale, lettuce, melons (cantaloupe, honeydew, watermelon), mustard greens, onions, potatoes (whole or cut pieces), Southern peas (blackeyed), squash (summer and winter), turnip greens and turnips.

At time of transplanting of nursery stock and ornamental plantings, broccoli, Brussels sprouts, cabbage, cauliflower, eggplant, garlic, peppers, onions, sweet potatoes, yams and STRAWBERRIES.

One to six weeks AFTER SEEDING lettuce (head).
Four to six weeks AFTER SEEDING cucumbers, squash, melons (cantaloupe, watermelon, honeydew).

Four to six weeks AFTER TRANSPLANTING tomatoes.

CAUTION: Keep out of reach of children. Avoid inhalation of dust. Avoid contact with skin or eyes. Wash with soap and water after handling or using. Do not store near feed and foodstuffs, seed, fertilizers or other pesticides in order to prevent contamination. Store in a dry place. Do not take internally. Do not reuse container. Destroy when empty. Do not graze on treated areas or feed plant refuse to livestock.

149 RECOMMENDED USAGES

DIRECTIONS FOR USE.

For the control of grasses and some broadleaved weed species, such as smooth and hairy crabgrass, green foxtail, yellow foxtail, lovegrass, witchgrass, carpetweed, common chickweed, lambsquarters, purslane and Florida crissley. PEARSON'S KLEEN-GRO is recommended at the rate of 320 to 360 pounds per acre, .8 (eight tenths) lb. per 100 square feet. A slightly higher rate of application (up to 420 pounds per acre) may be required for control of barnyardgrass, annual bluegrass, ground cherry, dodder, browntop panicum, goosegrass, Johnsongrass from seed, redroot pigweed, sesbania (*S. macrocarpa*) and nodding spurge.

Pearson's KLEEN-GRO, when used at recommended rate, gives up to 3 months weed control. Bermudagrass, Johnsongrass established from rhizomes, nutgrass, galinsoga, wild mustard, ragweed, smartweed and velvetleaf have not been effectively controlled with Pearson's KLEEN-GRO.

Spreaders should be checked to determine whether they are applying the correct amount of PEARSON'S KLEEN-GRO. The application should be made to a uniform weed-free soil surface within two or three days following cultivation to prevent subsurface germinating weeds from becoming established before the PEARSON'S KLEEN-GRO is activated. Disturbing the soil surface following application will reduce effectiveness. RATES OF APPLICATION CAN BE REDUCED BY BANDING.

If there is no effective rain within 3 to 4 days after PEARSON'S KLEEN-GRO application, sprinkler irrigation should be used for best results.

PEARSON'S KLEEN-GRO can also be applied by the shaker method. The ideal way of doing this is to measure off the area to be treated into small plots and then evenly spread the prescribed quantity of PEARSON'S KLEEN-GRO over this area. 1 pound (1 quart) treats 125 square feet (area 12.5 feet x 10 feet), 1 cupfull treats 25 square feet.

SEE ENCLOSED DIRECTION SHEET FOR FULL DETAILS AND RECOMMENDATIONS FOR USE AND PICTURES OF GRASSES AND WEEDS CONTROLLED.

Manufactured by

PEARSON & COMPANY

Mobile, Alabama 36601

Kills weeds as they germinate

PEARSON'S
Kleen-Gro

Keeps gardens CLEAN
of certain annual grasses and WEEDS

ACTIVE INGREDIENT:

Dimethyl ester of tetrachloroterephthalic acid* 2.5%

INERT INGREDIENTS 97.5%

Total 100.0%

Pre-emergence herbicide for use in

**FLOWER AND VEGETABLE GARDENS
AND NURSERIES**

*Use as a preemergence herbicide patented under U.S. Patent No. 2,923,634.

CAUTION: Keep out of reach of Children
(See back panel for additional cautions.)

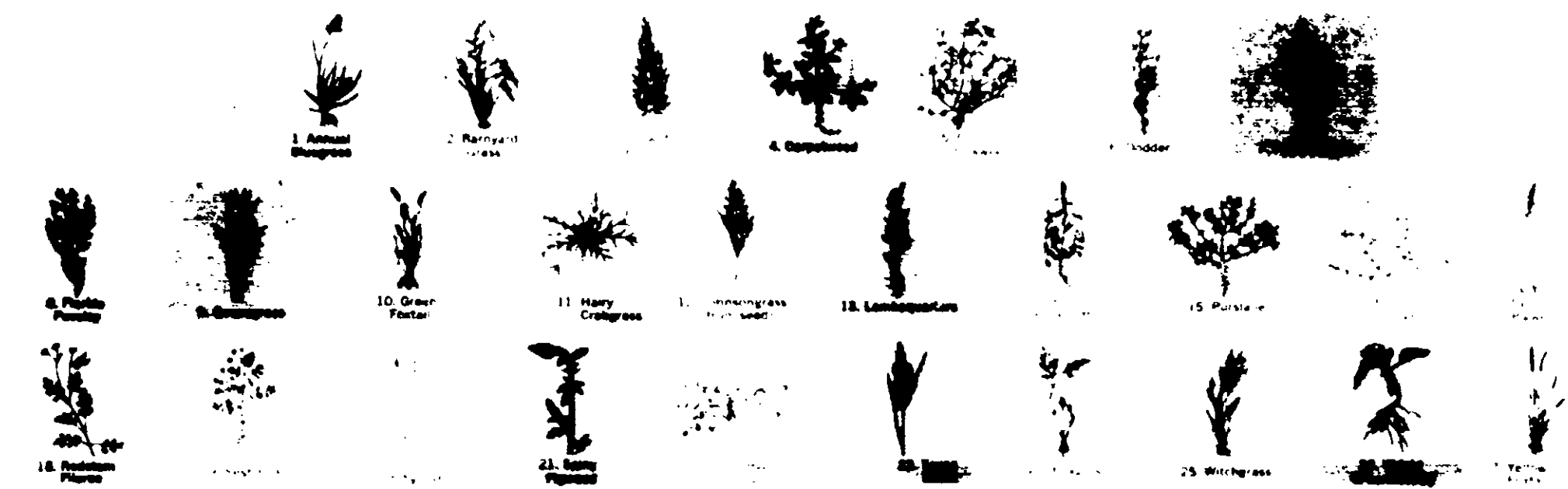
Net Weight 5 Lbs.

U.S.D.A. Reg. 728-69

TREATS 625 SQUARE FEET

Pre-emergence herbicide for use in FLOWER AND VEGETABLE GARDENS, LAWNS AND NURSERIES

NEW! PEARSON'S Kleen-Gro
Keeps gardens clean of 27 weeds and grasses, including crabgrass!



**Economical
Easy to use**

1½ lb. can \$1.19, treats 185 Square Feet
5 lb. bag \$ 2.49, treats 625 Square Feet
25 lb. bag \$ 8.50, treats 3000 Square Feet
50 lb. bag \$14.98, treats 6000 Square Feet

**Kills weeds
as they germinate**

RECOMMENDATIONS FOR USE

For use on	When to Apply	Rate	Remarks
Flower Gardens (See bottom of back page for 19 plants not to use Kleen-Gro on)	After establishment or as supplemental application	300 lbs. per acre (8 lbs. per 1,000 square feet)	Apply to the soil following establishment or setting out of flower beds. Where possible, this should be done early in the spring. Delayed or secondary applications can be done at any time provided beds have been cultivated and are free of weeds. Weed control up to three months or more may be expected following proper application.
Nursery Stock or Ornamental Planting	At transplant, late fall, early spring	" " "	Applications should be made to soil recently cultivated to a uniform texture. This can be made immediately following lining-out of stock. With established plantings, application should be made following proper cultivation to remove existing weeds. Where possible, this can be done early in the spring. Late summer application may be effective for control of fall germinating weeds, if made following cultivation. Weed control up to three months or more may be expected following proper application.
Beans, Peas, Snap Beans, and other legumes	At sowing or transplanting	320-400 lbs. per acre (8 lbs. per 1,000 square feet)	Apply uniformly to the soil. Pearson's KLEEN-GRO can be applied directly over transplants without injury. If seed have emerged, crops should be cleared, cultivated, or weeded prior to application.
Beans, early and snap, Southern peas (black-eyed)	At sowing	" " "	Apply uniformly to the soil at time of sowing.
Cucumbers, early and winter, pickling cucumbers, and other cucurbits (not water-melon)	4-6 weeks after sowing	" " "	Apply uniformly to the soil 4 to 6 weeks after sowing. Crops should be cultivated or weeded prior to the Pearson's KLEEN-GRO application, if weeds are present.
Cauliflower, eggplant and greens, turnips (greens and roots)	At sowing	320-400 lbs. per acre (8 lbs. per 1,000 square feet)	Apply uniformly to the soil at time of sowing.
Carrots and Potatoes	At sowing or transplanting	" " "	Apply uniformly to the soil. Pearson's KLEEN-GRO can be applied directly over transplants without injury. If seed are sown, application can be made as soon as the weeds are up and the plants are up to 4 inches high. If weeds are already up, remove them by hand or with a hoe before application.

NOTE: See bottom of page for 10 plants not to use Pearson's Kleen-Gro on

For use on	When to Apply	Rate	Remarks
Lettuce (leaf)	1-3 weeks after emergence	" "	Apply one application only, uniformly to the soil but not later than 3 weeks after emergence.
Lettuce (head)	1-6 weeks after seeding	" "	Apply one application only, uniformly to the soil, 1-6 weeks after seeding.
Potatoes (whole or cut pieces)	At planting, drag-off or lay-by	" "	Apply uniformly to the soil at planting, or if the top of the beds are to be dragged off. Pearson's KLEEN-GRO should be applied after drag-off. Lay-by application can be made up to 9 weeks after planting. If weeds have emerged at lay-by, the crop should be weeded or cultivated prior to application.
Sweet Potatoes and yams	At transplanting, lay-by	" "	Apply uniformly to the soil at transplanting. Pearson's KLEEN-GRO can be applied directly over transplants without injury. Lay-by applications can be made up to 6 weeks after transplanting. If weeds are present, the crop should be weeded or cultivated prior to Pearson's KLEEN-GRO application.
Tomatoes	4-6 weeks after transplanting	320-360 lbs. per acre (8 lbs. per 1,000 square feet).	Application uniformly to the soil, should be confined to a period of 4 to 6 weeks after transplanting. Pearson's KLEEN-GRO can be applied directly over the transplants without injury. If weeds have emerged, the crop should be cultivated or weeded prior to making the Pearson's KLEEN-GRO application.
Eggplant and peppers	At transplanting and lay-by	" "	Apply uniformly to the soil at transplanting. Pearson's KLEEN-GRO can be applied directly over transplants without injury. Lay-by application can be made up to 6 weeks after planting. If weeds are present, the crop should be weeded or cultivated prior to making the lay-by application.
Strawberries	At planting	360 lbs. per acre	Apply uniformly to the soil. For new beds, apply 360 pounds at transplanting. Application to established plantings should be made in fall and early spring. Applications of 320-360 pounds per acre may be applied to control late summer or early fall germinating weeds. Do not apply after first bloom. These applications can be made directly over plants without injury.
New plantings			
Established plantings	Fall and early spring	320-360 lbs. per acre (8 lbs. per 1,000 square feet).	
Lawns and turf	Late winter or early spring	400 lbs. per acre (1 lb. per 100 sq. ft.)	Use fertilizer spreader to apply. For maximum spreading, make two applications at right angles, using 1/2 the rate each time. Spring seeding: Seed as early as possible. Do not apply KLEEN-GRO until new green grass appears. OR, KLEEN-GRO may be applied early, and seeding delayed 60 days after application. Do not apply when grass is wet. Water thoroughly after application, but do not rake or disturb soil surface.

Pearson's KLEEN-GRO is specifically recommended for weed control with the following:

Deciduous and evergreen trees and shrubs	27. Lantana	55. Yew	81. Delphinium	109. Purple cornflower
1. Abelia	28. Lilac	Ground cover plants	82. Evening primrose	110. Rose moss
2. Arbor-vitae	29. Locust	56. Baidie ivy	83. Fernleaf yarrow	111. Saxifrage
3. Ash	30. Magnolia	57. Boston ivy	84. Feverfew	112. Scarlet sage
4. Azalea	31. Maple	58. English ivy	85. Forget-me-not	113. String gale
5. Barberry	32. Mock orange	59. Honey suckle	86. Four O'clock	114. Stone crop
6. Boxwood	33. Mountain-laurel	60. Pachysandra	87. Foxglove	115. Strawberry
7. Birch	34. Oak	61. Wilson ivy	88. Gaillardia	116. Stockings
8. Camellia	35. Pachistima	Herbaceous plants	89. Geranium	117. Sunflower
9. Chestnut	36. Pine	62. Ageratum	90. Gladiolus	118. Sweet Pea
10. Cotoneaster	37. Pittosporum	63. Alyssum	91. Gold dust	119. Verbena
11. Cottonwood	38. Podocarpus	64. Aster	92. Golden marigolds	120. Virginia Spiderwort
12. Crab apple	39. Poplar	65. Baby's breath	93. Golden tuft	121. Violet
13. Cypress	40. Privet	66. Bellflower	94. Iris	122. Wormwood
14. Deutzia	41. Redbud	67. Bleeding-heart	95. Lavender cotton	123. Zinnia
15. Dogwood	42. Rhododendron	68. Blood leaf	96. Lily	DO NOT USE on the following plants:
16. Elaeagnus	43. Rose	69. Bugloss	97. Lupine	Banyan tree
17. Elm	44. Russian olive	70. Candle jackspar	98. Marigold	Bitter pink
18. Euonymus	45. Spirea	71. Candy tufts	99. Morning glory	Carnation
19. Fir	46. Spruce	72. Cinquefoil	100. Mother of Thyme	Geranium
20. Forsythia	47. Sycamore	73. Chrysanthemum	101. Mourning bride	Germanium
21. Gum	48. Tree peony	74. Columbine	102. Mourning prince	Mesembryanthemum
22. Hawthorn	49. Tulip tree	75. Coloss	103. Nasturtium	Pansy
23. Holly	50. Variegated privet	76. Coreopsis	104. Orpine	Peony
24. Hydrangea	51. Viburnum	77. Coral bells	105. Peonies	Sweet William
25. Japanese andromeda	52. Walnut	78. Cosmos	106. Petunia	Trillium
26. Juniper	53. Weigela	79. Cuphea	107. Pink heart	
	54. Willow	80. Dahia	108. Pinks plant	