

PM 25


241-361

2/10/97

Page 176

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 11-30-93

(A)  EPA	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment	OPP Identifier Number 207917
	Application for Pesticide:	<input checked="" type="checkbox"/> Other	

Section I

1. Company/Product Number 241-361	2. EPA Product Manager P. Errico	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) DETAIL® herbicide	PM# 25	
5. Name and Address of Applicant (Include ZIP Code) American Cyanamid Company Agricultural Research Center P.O. Box 400 Princeton, NJ 08543-0400 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section II

<input type="checkbox"/> Amendment - Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)


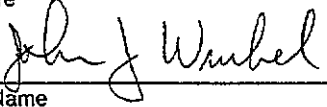
Final Printed Label Notification of Minor Changes (i.e. address change) to the label text as per PR Notice 95-2.

NOTIFICATION
FEB 10 1997

Section III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted.		If "Yes," Unit Package wgt.	No. per container	If "Yes," Package wgt.	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label Is Affixed To Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other (_____)	

Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name John J. Wrubel	Title Product Registrations Manager	Telephone No. (Include Area Code) 609-716-2378
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped) 
2. Signature 	3. Title Product Registrations Manager	
4. Typed Name John J. Wrubel	5. Date 1/28/97	

296

5.750"

500"

DETAILED

herbicide



NOTIFICATION

1997

7.062

DO NOT USE IN SOYBEANS

**KEEP OUT OF REACH OF CHILDREN
DANGER/PELIGRO!**

STATEMENT OF PRACTICAL TREATMENT

IF INHALED: Remove person to fresh air. If inhaled, cough and breathe deeply. If necessary, seek medical attention. If symptoms persist, call your doctor.

IF SKIN CONTACT: Wash immediately with soap and water. If irritation persists, seek medical attention.

IF EYES CONTACT: Flush eyes with water for at least 15 minutes. If irritation persists, seek medical attention.

IF SWALLOWED: Do not induce vomiting. Drink water. If symptoms persist, seek medical attention.

NOTE TO THE USER: This product is a herbicide. It is intended for use on weeds and grasses. It is not intended for use on crops. It is not intended for use on children or pets.

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FRONT COVER

PRINTING INFORMATION:
 PRINTED FOLDED, DIE-CUT LABEL AFFIXES TO A WHITE BASE
 LABEL COLOR PANEL PRINTS PMS 348C GREEN, ALL
 REMAINING COPY AND LINE ART PRINTS BLACK
 SIZE: 2.5 GALLON INPRINT 6 PANEL PLOT 8/27/89
 PRINT METHOD:

AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED AND EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

BUYER'S EXCLUSIVE REMEDY AND AMERICAN CYANAMID'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF DETAIL. In no case shall Cyanamid or the seller be liable for consequential, special or indirect damages resulting from the use or handling of this product.

USES WITH OTHER PRODUCTS (TANK MIXES)

If this product is used in combination with any other product except as specifically recommended in writing by American Cyanamid Company then American Cyanamid Company shall have no liability for any loss, damage, or injury arising out of its use in any such combination not so specifically recommended. If used in a combination recommended by American Cyanamid Company, the liability of American Cyanamid Company shall in no manner extend to any damage, loss or injury not directly caused by the inclusion of the American Cyanamid Company product in such combination use, and in any event shall be limited to return of the amount of the purchase price of the product.

GENERAL INFORMATION

DETAIL may be applied preplant incorporated, preplant surface, preemergence surface or early postemergence in soybeans for control of a broad-spectrum of grass, sedge and broadleaf weeds.

When DETAIL is applied to the soil some susceptible weeds emerge, growth stops, and then the weeds either die or are not competitive with the crop.

The dual mode of weed killing activity includes uptake of DETAIL by weed roots and rapid translocation to growing points. Therefore, adequate soil moisture is important for optimum DETAIL activity. The amount of rainfall or irrigation required following application depends on existing soil moisture, soil texture and organic matter content. Sufficient water to moisten the soil to a depth of 2 inches is normally adequate. If adequate moisture is not received within 7 days after treatment, then a timely cultivation or postemergence herbicide application may be needed to improve weed control. Cultivation should be shallow. When adequate moisture is received after dry conditions, DETAIL will provide residual control of susceptible germinating weeds; activity on established weeds will depend on the weed species and the location of its root system in the soil.

A soil treatment of DETAIL followed by a postemergence application of SCEPTER® O.T.® or Classic® will control certain problem weeds. Use sequential treatments in recommended states only. Refer to the WEEDS CONTROLLED section for specific sequential application recommendations.

Occasionally, internode shortening of soybean plants may be observed with DETAIL applications. This has no effect on soybean yields.

Naturally occurring biotypes* of some of the weeds listed on this label may not be effectively controlled by this and/or other products with either the ALS/AHAS enzyme inhibiting mode of action or the mitotic inhibiting mode of action. Other herbicides with the ALS/AHAS enzyme inhibiting mode of action include the sulfonyleureas (e.g., Accent®, Basis®, Classic®, Concert®, Exceed®, Permit®, Pinnacle®, etc.), the sulfonamides (e.g., Broadstrike®, etc.) and the pyrimidyl benzoates (e.g., Staple®, etc.). Herbicides with the inhibition of cell division and cell wall formation mode of action include other chloroacetamide herbicides such as Dual®, Frontier®, Harness Plus®, Lasso® and Surpass®. If naturally occurring biotypes are present in a field which are resistant to one of the herbicides in this premix, DETAIL should be tank-mixed or applied sequentially with an appropriate registered herbicide having a different mode of action to ensure control.

*A weed biotype is a naturally occurring plant within a given species that has a slightly different, but distinct, genetic makeup from other plants. See your Cyanamid representative for additional information.

PRECAUTIONS:

DO NOT use DETAIL other than in accordance with the instructions set forth on this label.

DO NOT use DETAIL in any tank mixes other than those specifically provided in this label.

DO NOT use on crops other than soybeans. Crops other than soybeans, such as cotton, corn and vegetables, may be injured by spray drift or other indirect contact with DETAIL.

To avoid injury to sensitive crops from spray drift, follow all use directions and precautions in the SPRAYING INSTRUCTIONS section of this label.

To avoid injury to sensitive crops, spray equipment used for DETAIL applications must be drained and thoroughly cleaned with water before being used to apply other products to these crops.

Apply DETAIL prior to July 1 in Use Region 3, as defined in the USE AREA section of this label.

There must be an interval of at least 90 days between the DETAIL application and soybean harvest.

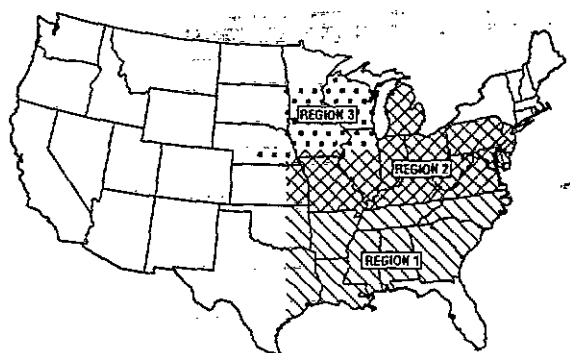
DO NOT graze or feed treated soybean forage, hay or straw to livestock.

Use of DETAIL herbicide in accordance with label directions is expected to result in normal growth of rotational crops in most situations; however, various environmental and agronomic factors make it impossible to eliminate all risks associated with the use of this product and, therefore, crop injury, is always possible. For more information refer to the ROTATIONAL CROP RESTRICTIONS section of this label.

Replanting: If replanting is necessary in a field previously treated with DETAIL, the field may be replanted to soybeans. Rework the soil no deeper than the treated zone. DO NOT apply a second treatment of DETAIL.

USE AREA

DETAIL can be applied only in the states or parts of states shaded in the following map:



The use area for DETAIL is defined by the following USE REGIONS and can be applied only in the states or parts of states listed below:

USE REGION 1 includes eastern Oklahoma, Arkansas, the Missouri bootheel, Tennessee, North Carolina, South Carolina, Georgia, Alabama, Mississippi, Louisiana, and eastern Texas.

USE REGION 2 includes eastern Kansas (east of U.S. 81; the counties of Cloud, Ellsworth, Harvey, Jewell, Lincoln, Mitchell, McPherson, Ottawa, Republic, Saline, Sedgewick, and Sumner), southeastern Nebraska (east of U.S. 81, south of U.S. 34), Missouri, Illinois (south of S.R. 116 west of Peoria; south of U.S. 24 east of Peoria), Indiana, Ohio, Michigan, Kentucky, Virginia, West Virginia, Pennsylvania, Maryland, Delaware, and New Jersey. Iowa in the counties of Mills, Fremont, Montgomery, Page, Adams, Taylor, Union, Ringgold, Clarke, Decatur, Lucas, Wayne, Monroe, Appanoose, Wapello, Davis, Jefferson, Van Buren, Henry, Lee, and Des Moines.

USE REGION 3 includes Nebraska (east of U.S. 81, north of U.S. 34 and also that area east of U.S. 283, south of U.S. 30, and west of U.S. 81), South Dakota (east of U.S. 81), Illinois (north of S.R. 116 west of Peoria; north of U.S. 24 east of Peoria), Wisconsin, Iowa (in counties other than those listed in Use Region 2), and Minnesota (south of S.R. 210).

NOTE: See ROTATIONAL CROP RESTRICTIONS section for recommendations applying to each Use Region.

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7.062

WEED	LEVEL OF CONTROL
BROADLEAF WEEDS	
Spurge	
Nodding	Control
Spotted	Control
Sunflower, Common	Control
Texasweed	Suppression
Velvetleaf	Control ⁸
GRASSES	
Barnyardgrass	Control
Corn, Volunteer	Suppression ¹⁰
Crabgrass	
Large	Control
Smooth	Control
Cupgrass, Southwestern	Control
Foxtail	
Giant	Control
Green	Control
Yellow	Control
Goosegrass	Control
Johnsongrass, seedling	Control
Panicum	
Fall	Control
Texas	Suppression
Red rice	Control ^{6,8,9}
Shattercane	Suppression
Signalgrass, Broadleaf	Control
Witchgrass	Control
SEDGES	
Nutsedge, Yellow	Control ^{6,8,9}
Flatsedge, Rice	Control

⁴ For best control of these weed species refer to the DETAIL Plus Frontier Herbicide Tank Mixture section.

⁷ A postemergence application of a diphenylether herbicide may be needed to control waterhemp sp. escapes, or for season-long control. Examples of diphenylether herbicides are Blazer[®], Cobra[®], Reflex[®] and STATUS[®]. Refer to individual product labels for specific uses and recommendations.

⁸ Only light to moderate infestations of sicklepod are controlled. Later sicklepod flushes may require a cultivation or a postemergence herbicide application. For heavy sicklepod infestations Classic may be applied postemergence at 1/2 to 3/4 ounces per acre following a soil application of DETAIL. Apply the higher rate of Classic if sicklepod seedlings are taller than 2 inches. A cultivation 14 days after Classic application may be required to control sicklepod escapes. Refer to the ROTATIONAL CROP RESTRICTIONS section of this label for instructions on planting follow crops when using this program. DETAIL followed by Classic sequential program may be used only in Use Region 1 (except Oklahoma).

⁹ A preplant incorporated application is recommended for control of red rice, yellow nutsedge and velvetleaf. A preemergence application of DETAIL will aid in the control and reduce competition from these weeds.

¹⁰ A soil application of DETAIL will suppress only those field corn hybrids which DO NOT possess tolerance or resistance to DETAIL or other imidazolinone herbicides (i.e. PURSUIT[®]).

HERBICIDE COMBINATIONS

When used in combination with another herbicide, DETAIL should be used only in accordance with recommendations on this label. Always follow the more restrictive label limitations and precautions. DETAIL cannot be mixed with any product containing a label prohibition against such mixing.

In addition to those broadleaf herbicides specifically mentioned elsewhere in this label, DETAIL applications may be followed by one or more of the following herbicides: Basagran[®], Blazer[®], Galaxy[®], Storm[®], Cobra[®], Reflex[®] or STATUS[®].

DETAIL may be followed by herbicides registered for postemergence grass control in soybeans.

Tank Mixtures with Frontier

DETAIL can be tank mixed with Frontier herbicide if heavy or difficult to control infestations of weeds including black and hairy nightshade, red rice, or yellow nutsedge are anticipated.

The Frontier use rate to be tank mixed with DETAIL varies by soil type. The most accurate indicator of appropriate use rate for Frontier is the Cation Exchange Capacity (CEC) of the soil to be treated. CEC values are available in standard soil testing procedures. If CEC values are not available, the recommended use rate of Frontier may be determined using the soil texture and organic matter. The recommended use rate of Frontier may be determined using the soil texture chart below.

COARSE	MEDIUM	FINE
Sand	Silt	Sandy Clay
Loamy Sand	Silt Loam	Silty Clay
Sandy Loam	Loam	Silty Clay Loam
	Sandy Clay Loam	Clay Loam
		Clay

When use rates are expressed in ranges use the lower end of the rate range for lower CEC values and use the higher end of the rate range for higher CEC values. If texture and organic matter are used to determine use rates, use the lower end of the rate range for more coarsely textured soils low in organic matter and the higher end of the rate range for more finely textured soils that are high in organic matter.

Recommended use rates for Frontier when tank mixed with DETAIL are given in the following tables. Cation exchange capacity (CEC) of soil is the preferred method for determining use rate. If CEC is not known, select use rate based on soil texture and organic matter content. For early preplant applications and/or uses on soils with heavy surface plant residue add 2-4 fluid ounces per acre to the rates given in the following table. DO NOT exceed 9 fluid ounces of Frontier, in the tank mixture, per acre per crop year.

¹ A soil application of DETAIL will provide suppression of Florida beggarweed. A postemergence application of Classic must be applied at 1/2 to 3/4 ounces per acre following a soil application of DETAIL in a planned sequential program to control this weed. Apply the higher rate of Classic if weed seedlings are taller than 2 inches. Apply Classic before weeds exceed the 1 to 2 true leaf stage. Refer to the ROTATIONAL CROP RESTRICTIONS section of this label for instructions on planting follow crops when using this program. DETAIL followed by Classic sequential program may be used only in Use Region 1 (except Oklahoma).

² To obtain consistent control or suppression of these weeds under a wide range of environmental conditions, a preplant incorporated application is required.

³ USE REGION 1 and USE REGION 2. SCEPTER O.T. herbicide must be applied postemergence at 1 pint per acre following a soil application of DETAIL for control of these weeds. The total amount of SCEPTER O.T. applied should not exceed 1 pint per acre in Use Region 2 or 2 pints per acre in Use Region 1 in one season when following a soil application of DETAIL. Refer to the SCEPTER O.T. label for application instructions. In Use Region 2, refer to the Rotational Crop Restrictions section of this label for special instructions on planting follow crops when using this program.

⁴ A soil application of DETAIL at the recommended rate will provide suppression of these weeds. For control of these morningglory species, the sequential program in footnote #3 should be used.

⁵ May require a cultivation or postemergence herbicide application for season long control.

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Use rate determined by cation exchange capacity (CEC) of soil.

Cation Exchange Capacity (CEC) of Soil	<5*	5-9	10-14	15-20	>20
Frontier Use Rate (Fluid Ounces/Acre)	0	2	2-6	6-8	9
DETAIL Use Rate (Fluid Ounces/Acre)	0	32			

Use rate determined by soil texture and organic matter content.

Soil Texture	Frontier Use Rate (Fluid Ounces/Acre)	
	Less than 3%	3% or more
Coarse*	0	4
Medium	4	4-8
Fine	2-6	6-9
DETAIL Use Rate (Fluid Ounces/Acre)	32	

*DO NOT apply Frontier to soils with CEC values less than 5 or to coarse soil classified as sand with less than 3% organic matter (as determined by soil tests, if not known) and where depth to ground water is 30 feet or less.

Observe all precautions and limitations on Frontier label.

Tank Mixtures with Gramoxone Extra
Gramoxone Extra, at 1-1/2 to 2-1/2 pints per acre, may be used with DETAIL alone or in combination with other tank mixes for the control of certain emerged grasses and broadleaf weeds. Use the 2-1/2 pint rate if weeds are 4 to 6 inches tall. Weeds over 6 inches may not be controlled with this treatment. Apply up to 14 days before, during or immediately after planting.

When Gramoxone Extra is included in a tank mixture, add a nonionic spreader surfactant at a rate of 8 fl. oz. per 100 gallons of spray mixture as the last ingredient in the tank.

Gramoxone Extra will control most annual emerged weeds and suppress many emerged perennials. Refer to the Gramoxone Extra label for specific use recommendations and weeds controlled.

Observe all precautions and limitations on Gramoxone Extra label.

Tank Mixtures with Glyphosate (Roundup)
Roundup may be used with DETAIL alone or in combination with other DETAIL tank mixes for the control of certain emerged grasses and broadleaf weeds. Refer to the Roundup label for specific use recommendations, rates and weeds controlled.

NOTE: The Roundup rate for tank mixes with DETAIL is the same as the rate for Roundup used alone.

Observe all cautions and limitations on the Roundup label.

Tank Mixtures with 2,4-D
2,4-D may be used with DETAIL alone or in combination with other DETAIL tank mixes prior to planting for control of some annual broadleaf weeds. Use the following rates of 2,4-D in tank mixtures with DETAIL:

2,4-D Formulation	Rate (lb a.i./A)	Minimum Days Before Planting
Ester	0.5	7
Amine	0.5	15
Ester or Amine	1.0	30

Refer to 2,4-D label for weeds controlled. Observe all cautions and limitations on the 2,4-D label.

Tank Mixtures with 2,4-DB
2,4-DB may be used with DETAIL alone or in combination with other DETAIL tank mixes for the control of some annual broadleaf weeds. Refer to the 2,4-DB label for specific use recommendations, rates and weeds controlled.

Observe all cautions and limitations on the 2,4-DB label.

MIXING INSTRUCTIONS

DETAIL can be mixed for application in water or sprayable liquid fertilizer. Refer to the Applications With Liquid Fertilizers section for specific instructions when tank mixing with liquid fertilizers. The following sequence should be used when preparing a spray tank for an application of DETAIL:

1. Thoroughly clean spray tank prior to use.
2. Fill the spray tank one-fourth to one-half full with clean water or liquid fertilizer.
3. While agitating add the required amount of product in the following sequence:
 - A. Add DETAIL herbicide to spray tank and make sure it is thoroughly mixed.
 - B. If used, add Frontier herbicide.
 - C. If used, add either Gramoxone Extra, Roundup, 2,4-D or 2,4-DB.
 - D. If adding spray adjuvants, add them after all other products have been mixed.
 - E. An antifoaming agent may be added to the tank if needed.
4. Fill the remainder of the tank mixture with water or liquid fertilizer.
5. Maintain agitation while spraying to ensure a uniform spray mixture.

APPLICATIONS WITH LIQUID FERTILIZERS

DETAIL can be applied to the soil in liquid fertilizers, alone or in combination with Frontier. Follow all DETAIL label recommendations regarding incorporation, timing of application, special instructions and precautions. For other DETAIL tank mix partners, refer to the individual product labels for specific recommendations for using these products with liquid fertilizer. Apply treatments in 20 or more gallons of liquid fertilizer per acre with ground equipment.

All individual state regulations relating to fluid fertilizer mixing, registration, labeling and application are the responsibility of the individual and/or company selling the DETAIL/liquid fertilizer mixture.

LIQUID FERTILIZER COMPATIBILITY DETERMINATIONS

If a liquid fertilizer and herbicide(s) mixture separates in the spray tank, clogged equipment and uneven application can result, which can cause poor weed control and crop injury. Always predetermine the compatibility of DETAIL alone or with Frontier in the specific liquid fertilizer to be used according to the following directions:

1. Add 1 pint fertilizer to each of 2 one-quart jars.
2. Add 1/2 teaspoon of adjuvant to one jar. See recommended adjuvants below.
NOTE: Comprex-Kalo Laboratories Incorporated, Kansas City, MO; Sponto 168 D-Witco-Petzloff Chemical Company, Houston, TX; Unite-Hopkins Agricultural Chemical Company, Madison, WI; or other compatible adjuvants.
3. (a) When using DETAIL alone, add to each jar the correct amount of DETAIL as specified in the table below.
(b) When using DETAIL tank mixtures, first add the specified quantity of DETAIL and then add the correct amount of Frontier.
4. Close both jars and shake thoroughly for 10 seconds. Let them stand for 30 minutes and then observe the results. Look for signs of separation, an oily layer of globules, sludge, flakes or other precipitates.
 - (a) If the mixture without adjuvant does not separate, use this mixture in your spray tank.
 - (b) If the mixture with adjuvant does not separate, but the one without adjuvant separates, use the adjuvant mixture in your spray tank. Add the adjuvant to the liquid fertilizer as directed on the manufacturer's label.
 - (c) If either mixture separates, but mixes readily with shaking, the mixture can be used providing good agitation is maintained in the spray tank.
 - (d) If separation of the mixture occurs and agitation and/or adjuvant does not correct this problem, DO NOT use the herbicide(s) in that specific liquid fertilizer.

Teaspoons of Specific Herbicide to be added to 1 Pint of Liquid Fertilizer Solution

Gallons of Liquid Fertilizer to be Applied per Acre	DETAIL 32 fl. oz./A	Frontier 9 fl. oz./A
20	1 1/4	1/3
30	3/4	1/4
40	1/2	1/5

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6.250"

BROADLEAFWEEDS

Nightshade	
Black	(<i>Solanum nigrum</i>)
Eastern Black	(<i>Solanum elaeagnifolium</i>)
Hairy	(<i>Solanum saracanthoides</i>)
Pigweed	
Palmer	(<i>Amaranthus palmeri</i>)
Prostrate	(<i>Amaranthus blitoides</i>)
Redroot	(<i>Amaranthus retroflexus</i>)
Smooth	(<i>Amaranthus hybridus</i>)
Spiny	(<i>Amaranthus spinosus</i>)
Tumble	(<i>Amaranthus albus</i>)
Waterhemp, Tall	(<i>Amaranthus tuberculatus</i>)
Poinsettia, Wild	(<i>Euphorbia heterophylla</i>)
Puncturevine	(<i>Tribulus terrestris</i>)
Purslane, Common	(<i>Portulaca oleracea</i>)
Pusley, Florida	(<i>Richardia scabra</i>)
Ragweed	
Common	(<i>Ambrosia artemisiifolia</i>)
Giant	(<i>Ambrosia trifida</i>)
Redweed	(<i>Melochia corchorifolia</i>)
Sesbania, Hemp	(<i>Sesbania exaltata</i>)
Sicklepod	(<i>Cassia obtusifolia</i>)
Sida, Prickly (Teaweed)	(<i>Sida spinosa</i>)
Smartweed	
Ladysthumb	(<i>Polygonum persicaria</i>)
Pennsylvania	(<i>Polygonum pennsylvanicum</i>)
Spurge	
Nodding	(<i>Euphorbia nutans</i>)
Spotted	(<i>Euphorbia maculata</i>)
Sunflower, Common	(<i>Helianthus annuus</i>)
Texasweed	(<i>Caperonia palustris</i>)
Velvetleaf	(<i>Abutilon theophrasti</i>)

GRASSES

Barnyardgrass	(<i>Echinochloa crus-galli</i>)
Com, Volunteer	(<i>Zea mays</i>)
Crabgrass	
Large	(<i>Digitaria sanguinalis</i>)
Smooth	(<i>Digitaria ischaemum</i>)
Cupgrass, Southwestern	(<i>Eriochloa gracilis</i>)
Foxtail	
Giant	(<i>Setaria faberii</i>)
Green	(<i>Setaria viridis</i>)
Yellow	(<i>Setaria glauca</i>)
Goosegrass	(<i>Eleusine indica</i>)
Johnsongrass, seedling	(<i>Sorghum halepense</i>)
Panicum	
Fall	(<i>Panicum dichotomiflorum</i>)
Texas	(<i>Panicum texanum</i>)
Red rice	(<i>Oryza sativa</i>)
Shattercane	(<i>Sorghum bicolor</i>)
Signalgrass, Broadleaf	(<i>Brachiaria platyphylla</i>)
Witchgrass	(<i>Panicum capillare</i>)

Sedges

Nutsedge, Yellow	(<i>Cyperus esculentus</i>)
Flatsedge, Rice	(<i>Cyperus iria</i>)

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