



007969-00156-051099

Printed: 10:50:36 Friday, 28 May, 1999 # 84 / 3204

Systems Integration Group, Inc.

PM 25

7969-156

05/10/99

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg.  
Number:  
7969-156

Date of Issuance:  
5-10-99

Expiration Date:  
MAR 31 2003

## NOTICE OF PESTICIDE:

☒ Registration  
☐ Reregistration

(under FIFRA, as amended)

Term of Issuance:  
Conditional

Name of Pesticide Product:  
BAS 656 03 H

Name and Address of Registrant (include ZIP Code):

BASF Corporation  
26 Davis Drive  
P.O. Box 13528  
Research Triangle Park, NC 27709-3528

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(C) provided that you:

1. Make the following label changes listed below before you release the product for shipment:

- a. Add the phrase, "EPA Reg. No. 7969-156".
- b. At the top of the front panel in the heading add Peanuts to be consistent with the directions for use. Add a comma ", " after Popcorn. We note that this label starts with page number 8.

Signature of Approving Official:

Date:

5-10-99

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c. In the Hazards to Humans section delete AVISO. The Worker Protection Standard only requires that the Spanish Language Signal Word appear on the Front Panel. Delete the second duplicate "eyes and clothing" in this section.

d. EPA Label Review Manual requires the following for products with  $\geq 10\%$  petroleum distillates and Toxicity Category III:

Note to Physician: May pose an aspiration pneumonia hazard.

e. On page 12 change 18 fluid ounces to 21 to be consistent with the directions for use.

f. On page 27 the reference to a booklet is confusing since the soybean directions for use appear on the submitted labeling and no booklet has been submitted for review.

g. In the Spray Drift section add a statement similar to the following:

Drift from application of this herbicide is likely to result in damage to sensitive plants adjacent to treatment area.

h. In the dry bulk fertilizer applications section add a statement similar to the following:

For granular fertilizer application, to protect small birds and mammals soil incorporation of granules is required.

2. Submit production information (pounds or gallons produced) for this product for the fiscal year in which the use on field corn, popcorn, seed corn, sweetcorn, dry beans, lentils, peanuts, sorghum, and soybeans is conditionally registered, in accordance with FIFRA section 29. The fiscal year begins October 1, and ends September 30. The product information will be submitted to the Agency no later than November 15, following the end of the preceding fiscal year.

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This information is to be submitted to:

Registration Support Branch  
Registration Division (7505C)  
Environmental Protection Agency  
Washington, DC 20460

3. Submit one (1) copy of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

4. Submit a heritable translocation assay. Refer to our letter dated July 19, 1994 for EPA Registration No. 55947-140 now transferred to EPA Reg. No. 7969-144.

5. Submit the studies and testing specified in Attachment I Conditions for Registration For Soybean Use to our letter dated March 29, 1994 for EPA Registration No. 55947-140 now transferred to EPA Reg. No. 7969-144.

6. Comply with the conditions in Attachment I Conditions for Registration For Soybean Use to our letter dated March 29, 1994 for EPA Registration No. 55947-140 now transferred to EPA Reg. No. 7969-144 which outlines groundwater and surface water mitigation measures that must be undertaken by your company.

7. Submit by March 31, 2003 the following Studies conducted with s-dimethenamid in accordance with the Good Laboratory Practice Standards, 40 CFR Part 160 and appropriate test guidelines as referenced in EPA's Data Requirements for Registration Regulations, 40 CFR Part 158:

- a. Estuarine/marine Fish Early Life-Stage and Invertebrate Life Cycle [Guideline #72-4].
- b. Small scale prospective groundwater monitoring studies.
- c. A Laboratory Volatility Study [Guideline #163-2]

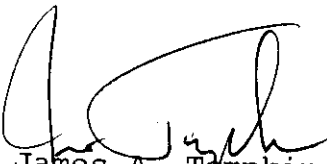
If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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A stamped copy of the label is enclosed for your records.



James A. Tompkins

Product Manager (25)

Herbicide Branch

Registration Division (7505C)

Enclosure

**BAS 656 03 H**

FOR WEED CONTROL IN FIELD CORN, SEED CORN, POPCORN, SWEETCORN,  
SORGHUM, SOYBEANS, DRYBEANS and LENTILS.

**ACTIVE INGREDIENT:**

s-Dimethenamid: 2-chloro-N-[(1-methyl-2-methoxy)  
ethyl]-N-(2,4-dimethyl-thien-3-yl)-acetamide ..... 65.2 %

INERT INGREDIENTS\*: ..... 34.8 %

TOTAL ..... 100.0 %

BAS 656 03 H contains 6.0 lb active ingredient per gallon.

\*Contains petroleum distillates, xylene or xylene range aromatic solvent.

**KEEP OUT OF REACH OF CHILDREN**  
**WARNING AVISO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand the label, find someone to explain it to you in detail.)

See next page for additional Precautionary Statements and Statement of Practical Treatment.

EPA No. 7969-XXX  
EPA Est. No.

BASF Corporation  
P.O. Box 13528  
Research Triangle Park, NC 27709

**ACCEPTED**  
**with COMMENTS**  
**In EPA Letter Dated:**  
**MAY 10 1999**

Net Contents

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
7969-156

**PRECAUTIONARY STATEMENTS****HAZARDS TO HUMANS (& DOMESTIC ANIMALS)****WARNING****AVISO**

Causes substantial but temporary eye injury. Harmful if swallowed or absorbed through skin. Prolonged or frequent repeated skin contact may cause allergic reactions in some individuals. Do not get in eyes or on clothing. Avoid contact with skin, eyes and clothing. Harmful if inhaled. Avoid breathing spray mist.

**Statement of Practical Treatment**

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

IF SWALLOWED: Call a doctor and get medical attention. Do not induce vomiting. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

**Personal Protective Equipment (PPE):**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category F on an EPA chemical resistance category section chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as Barrier Laminate, Butyl Rubber, Nitrile Rubber or Viton
- Shoes plus socks
- Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**Engineering Controls Statements:**

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR

170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

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**User Safety Recommendations:**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by disposal of equipment washwaters or rinsate. Do not apply when weather conditions (gusty winds, high temperatures, low humidity, and when a temperature inversion exists) favor drift from treated areas.

Dimethenamid has properties that may result in groundwater contamination. Application in areas where soils are permeable or coarse and groundwater is near the surface could result in groundwater contamination.

Dimethenamid has properties that may result in surface water contamination via dissolved runoff and runoff erosion. Practices should be followed to minimize the potential for dissolved runoff and/or runoff erosion.



## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

Exception: If the product is soil injected or soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Chemical-resistant gloves, such as Barrier Laminate, Butyl Rubber, Nitrile Rubber or Viton
- Shoes plus socks
- Protective eyewear

Do not apply this product through any type of irrigation system.

The New York State Department of Conservation prohibits use on Long Island, New York.

**IMPORTANT:** Read the Limited Warranty and Liability and all applicable *Directions for Use* in this booklet before using this product.

### GENERAL INFORMATION

BAS 656 03 H is a selective preemergence herbicide for control of most annual grasses, certain annual broadleaf weeds and sedges in field corn, seed corn, popcorn, and soybeans. This product will provide most effective weed control when applied (by ground or aerial equipment), and subsequently incorporated into soil by rainfall, sprinkler irrigation, or mechanical tillage prior to weed seedling emergence from soil.

BAS 656 03 H is recommended for preplant incorporated, preplant surface, preemergence or early postemergence treatment. BAS 656 03 H application may be made using either water or fluid fertilizer as the spray carrier or it may be impregnated on and applied with dry bulk fertilizer. Sprayable fluid fertilizer as a carrier is not recommended for use after crop emergence.

Observe all precautionary statements and limitations on labeling of all products used in tank mixtures. Tank mix recommendations are for use only in states and on application sites where the tank mix product is registered.

Single or split applications of BAS 656 03 H may not exceed a total of 18 fluid ounces per acre in one crop year.

Recommended use rates of this product vary by soil type. The most accurate indicator of appropriate use rate for BAS 656 03 H 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 BAS 656 03 H may be determined using the soil texture and organic matter. Soil texture groupings used in this label are coarse, medium and fine. Soil textures included in these groupings are as follows:

COARSE	MEDIUM	FINE
Sand <sup>1</sup> Loamy Sand Sandy Loam	Silt Silt Loam Loam Sandy Clay Loam	Sandy Clay Silty Clay Silty Clay Loam Clay Loam Clay

<sup>1</sup>Do not apply 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.

BAS 656 03 H use rates, by either soil CEC values or by soil texture and organic matter, are given in specific crop use sections of this label. 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 coarse textured soils low in organic matter and the higher end<sup>13</sup> of the rate range for fine textured soils high in organic matter.

If mechanically incorporated into soil, use uniform shallow surface incorporation. Avoid deep (more than 1 or 2 inch depth) incorporation or reduced weed control and/or crop injury may occur.

#### **WEED SPECIES CONTROLLED BY BAS 656 03 H**

BAS 656 03 H applied at recommended rates and application timings will control many annual grass and broadleaf weeds.

##### Annual Grasses

Barnyardgrass

Broadleaf Signalgrass

Crabgrass,

Smooth

Large

Foxtail,

Giant

Green

Yellow

Goosegrass

Johnsongrass (seedling)\*

Fall Panicum

Red Rice

Southwestern Cupgrass

Witchgrass

##### Sedge

Yellow Nutsedge\*

Rice Flatsedge

Annual Broadleaves

Carpetweed

Common Purslane

Florida Pusley

Nightshade,\*

Black

Eastern Black

Hairy

Palmer Amaranth

Pigweed,

Prostrate

Redroot

Smooth

Tumble

Spurge,

Nodding

Spotted

Tall Waterhemp

- \* For best control of these species use the highest recommended rate by soil type. If dry conditions exist near application or excessive rainfall occurs early in season, a postemergence herbicide and/or cultivation may be required to aid in control of these weeds.

**ADDITIONAL WEED SPECIES PARTIALLY CONTROLLED.** BAS 656 03 H will provide partial control or suppression of woolly cupgrass, wild proso millet, shattercane, sandbur, Texas Panicum, Florida beggarweed, common lambsquarters, and common ragweed. Control of these species will generally not be commercially acceptable. To complement control, BAS 656 03 H should be used in tank mixtures or sequential applications with other herbicides that provide additional control of these weed species.

**BAS 656 03 H USE METHODS AND TIMINGS**

BAS 656 03 H may be applied preplant surface, preplant incorporated, preemergence or early postemergence to field corn, seed corn, popcorn, and soybeans. BAS 656 03 H may be used in either a single or split application program. Best weed control will result when applied (by ground or aerial equipment), and subsequently incorporated into soil by rainfall, sprinkler irrigation, or mechanical tillage prior to weed seedling emergence from soil.

**PREPLANT SURFACE APPLICATIONS**

For use in minimum tillage or no-tillage production systems, application of BAS 656 03 H alone or in tank mixtures may be made up to 45 days before planting. When making early preplant applications (15 to 45 days prior to planting) use the highest rate recommended for the specific soil type. Early preplant applications are not recommended for use on coarse textured soils or in areas where average annual rainfall (or rainfall + irrigation) typically exceeds 40 inches.

Early preplant applications may be applied as part of a split application program where the second application is made after planting (use 2/3 of BAS 656 03 H rate early followed by 1/3 of rate after planting). A split application is recommended when initial application is made more than 30 days prior to planting. Tank mixtures with postemergence herbicides such as Roundup® or Gramoxone® Extra must be used when weeds are present at the time of application.

#### **PREPLANT INCORPORATED APPLICATIONS**

Apply BAS 656 03 H and incorporate into the upper (1-2 inch) soil surface up to two weeks before planting. Use a harrow, rolling cultivator, finishing disk, or other implement capable of giving uniform shallow incorporation. Avoid deeper incorporation or reduced weed control and/or crop injury may result.

#### **PREEMERGENCE SURFACE APPLICATIONS**

Broadcast treatment uniformly to the soil surface after planting and before crop emergence. Rainfall, sprinkler irrigation, or shallow mechanical incorporation after application is required to move this product into the upper soil surface where weed seeds germinate. If adequate rainfall or irrigation does not occur and weed seedling emergence begins, a shallow cultivation or rotary hoeing will improve performance.

#### **EARLY POSTEMERGENCE APPLICATIONS**

BAS 656 03 H may be used in early postemergence (up to 8 inch tall corn or up to third trifoliolate leaf stage of soybeans) applications. Application must be made prior to weed seedling emergence or in a tank mixture with products that control the emerged weeds. Note restrictions and use directions on tank mix product labels.

**SPLIT APPLICATIONS**

BAS 656 03 H may be used in split application programs where applications are made as part of the methods described above. If applications are less than two weeks apart, the total BAS 656 03 H rate used must not exceed the maximum rate given for each specific soil type. If applications are two weeks or more apart, a total BAS 656 03 H use rate of up to 21 fluid ounces per acre per year may be used on any soil type.

**BAS 656 03 H FIELD CORN, SEED CORN AND POPCORN USE PROGRAMS**

BAS 656 03 H may be used as a preplant surface applied, preplant incorporated, preemergence or early postemergence (up to 8 inch tall corn) treatment to corn. A single or split application program may be used. Corn, as used in this section, refers to field corn (grown for grain, silage or seed) and popcorn. Before application to seed corn or popcorn, first verify with your local seed company (supplier) the BAS 656 03 H selectivity on your inbred line or popcorn variety. This precaution will help avoid potential injury to sensitive varieties.

Corn may be grazed or fed to livestock at 40 or more days after application of BAS 656 03 H.

**BAS 656 03 H USE RATES IN FIELD CORN, SEED CORN AND POPCORN**

**Recommended broadcast use rates for BAS 656 03 H when used in tank mix combinations and/or sequential applications with other herbicides in field corn are given in the following tables<sup>1</sup>. 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. If BAS 656 03 H is used alone, used in early preplant applications, and/or used on soils with heavy surface plant residue add 2 to 3 fl oz per acre to the rates given in the following tables. Do not exceed 21 fl oz per acre per crop year.**

USE RATE DETERMINED BY CATION EXCHANGE CAPACITY (CEC) OF SOIL					
Cation Exchange Capacity (CEC) of Soil	< 5	5-9	10-14	15-20	> 20
BAS 656 03 H Use Rate (fl oz per acre)	9	10-12	13-15	16-18	19-21

USE RATE DETERMINED BY SOIL TEXTURE AND ORGANIC MATTER CONTENT

BAS 656 03 H Use Rate (fl oz per acre)		
Soil Texture	Organic Matter Content	
	Less than 3%	3% or more <sup>2</sup>
Coarse	9 to 11	11 to 14
Medium	11 to 14	14 to 18
Fine	14 to 17	18 to 21

<sup>1</sup> See tank mix descriptions below for the recommended use rate ranges of other herbicides used in combination with BAS 656 03 H. Refer to tank mix section of companion product labels for actual use rate by soil type, weed species and weed or crop growth stage.

<sup>2</sup> On all soils with greater than 8% organic matter, use 21 fl oz per acre of BAS 656 03 H.

**BAS 656 03 H TANK MIXTURES AND SEQUENTIAL USE PROGRAMS IN CORN**

BAS 656 03 H may be applied prior to, in tank mix with, or following the use of one or more of the following herbicides: Accent®, atrazine, Banvel®, Beacon®, Bladex®, Clarity®, Eradicane®, Extrazine® II, Gramoxone Extra, Marksman®, Princep®, Prowl®, Pursuit®, Roundup, or 2,4-D. BAS 656 03 H use rates for sequential or tank mix treatments are presented in the above label section, BAS 656 03 H Use Rates in Field Corn, Seed Corn and Popcorn.

When using tank mix or sequential applications with BAS 656 03 H, always read the companion product label(s) to determine specific use rates by soil types, weed species, and weed or crop growth stage. In addition, follow precautions and restrictions including state and local use restrictions that may apply to specific products.

When tank mixed, follow additional use directions given in this table.

<u>BAS 656 03 H plus</u> <u>BANVEL (0.5 to 1 pt/A)</u> or <u>CLARITY (8 to 16 fl oz/A)</u> or <u>MARKSMAN (2 to 3.5 pt/A)</u>	Application may be made preplant surface or preemergence in minimum or no tillage corn in all soil types. Preemergence applications may be used in all tillage systems where corn is grown on soils with CEC greater than 15, or medium and fine textured soils with 2.5% or more organic matter (For best performance make application just prior to corn emergence). Early postemergence (up to 8 inch tall corn) applications may be made on all soil types. This treatment must be combined with a herbicide that provides postemergence control of grass weeds with 2 or more leaves at the time of application.
<u>BAS 656 03 H plus</u> <u>ATRAZINE (0.75 to 2 lb ai/A)</u>	Application may be made preplant surface, preplant incorporated, preemergence or early postemergence (up to 8 inch tall corn). This treatment must be combined with a herbicide that provides postemergence control of weeds if they are greater than 1.5 inches tall at the time of application. Crop oil concentrate may be added to this mixture to aid in control of emerged weeds. Do not add crop oil concentrate if this mixture is combined with other herbicides for early postemergence applications.
<u>BAS 656 03 H plus</u> <u>BLADEX (1.25 to 3 lb ai/A)</u> or <u>EXTRAZINE II (1.25 to 3 lb ai/A)</u>	Application may be made preplant surface, preplant incorporated, or preemergence to corn. This mixture is not recommended for use on soils with CEC less than 5 or on sand or loamy sand soils with organic matter less than 1%.
<u>BAS 656 03 H plus</u> <u>PROWL® 3.3 EC (1.8 to 3.6 pt/A)</u>	Application may be made preemergence to early postemergence (up to 3 inch tall corn) but before weeds are greater than 1 inch tall.
<u>BAS 656 03 H plus</u> <u>PRINCEP (1 to 3 lb ai/A)</u>	Application may be made preplant surface, preplant incorporated or preemergence to corn.
<u>BAS 656 03 H plus</u> <u>PURSUIT® 2.0 SL (4 fl oz/A)</u> or <u>PURSUIT® 70DG (1.4 oz/A)</u>	<u>Use only on Pursuit resistant (IR) or tolerant (IT) varieties.</u> Application may be made preplant surface, preplant incorporated, preemergence or early postemergence (up to 3 inch weeds).
<u>BAS 656 03 H plus</u> <u>ERADICANE® 6.7E</u>	Application may be made preplant incorporated to corn. When applied with water or sprayable fluid fertilizer, incorporate into



(2-6 pt/A)	top 2-3 inches of soil within 4 hours of application. Use 11-21 fl oz/A BAS 656 03 H plus 2-3 pt/A Eradicane for improved weed control in dry soil conditions. Use 7-11 fl oz/A BAS 656 03 H plus 3-6 pt/A Eradicane for control of additional weed species listed on the Eradicane label.
<u>BAS 656 03 H plus</u> <u>GRAMOXONE EXTRA (1.5 to 3.0 pt/A)</u> or <u>ROUNDUP</u> <u>(GLYPHOSATE) - 0.5 to 4.0 lb ai/A</u>	Application may be made preplant surface or preemergence to control emerged weeds in minimum or no tillage corn.  Applications must be made prior to corn emergence. To improve control of emerged broadleaf weeds, herbicides such as Banvel and/or 2,4-D should be added to this mixture.
<u>BAS 656 03 H plus</u> <u>2,4-D amine or ester</u> <u>(1/4 to 1/2 lb ai/A)</u>	Application may be made preplant surface or preemergence to control emerged broadleaf weeds in minimum or no-tillage corn.
<u>BAS 656 03 H plus</u> <u>ACCENT® 75WDG (1/4 to 2/3 oz/A)</u>  or <u>BEACON® 75 WDG (0.76 oz/A)</u>	<p>BAS 656 03 H at reduced use rates: 6 to 8 fl oz per acre - on soils with CEC less than 10 (coarse soils or medium and fine textured soils with less than 3% organic matter), or 8 to 11 fl oz per acre - on soils with CEC of 10 or more (medium or fine textured soils with 3% or more organic matter) may be used in these mixtures. Always add non-ionic surfactant at 0.25% v/v, and in addition, if application is made in dry growing conditions, include 4% v/v liquid fertilizer (28, 30 or 32 % UAN) with these mixtures. Addition of Banvel, Clarity or Marksman to this mixture will provide burndown and residual control of broadleaf weeds. Other herbicides are not recommended for use with these mixtures.</p> <p>Tank mixes with Accent may be applied from emergence up to 8 inch tall corn when weeds are emerged and actively growing. Reduced rates (1/4 to 1/3 oz per acre) of Accent may be used in this mixture for control of foxtail, barnyardgrass, fall panicum or seedling Johnsongrass when all are less than 3 inches tall.</p> <p>Tank mixes with Beacon may be applied when corn is 4 to 8 inches tall and weeds are emerged and actively growing. Use this tank mix only where Beacon is labeled for control of emerged grass species that are present.</p>

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**BAS 656 03 H SOYBEAN USE PROGRAMS**

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BAS 656 03 H may be used as a preplant surface applied, preplant incorporated, preemergence or early postemergence (up to third true leaf stage) treatment to soybeans. A single or split application program may be used.

Do not graze or feed forage, hay or straw to livestock.

If extreme conditions of high rainfall and extended periods of water saturated soil occur during soybean germination or early seedling development, BAS 656 03 H use may result in temporary growth suppression. Temporary soybean burn and stunting may occur if application of BAS 656 03 H, spray adjuvants and tank mixed herbicides are applied to emerged soybeans up through the unifoliate stage. These suppressions have not resulted in reduced soybean yield potential.

**BAS 656 03 H USE RATES IN SOYBEANS**

**Recommended use rates for BAS 656 03 H when used in tank mix combinations and/or sequential applications with other herbicides in soybeans are given in the following tables<sup>1</sup>.** 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. **If BAS 656 03 H is used in early preplant applications and/or used on soils with heavy surface plant residue add 2 - 3 fl oz per acre to the rates given in the following table. Do not exceed 21 fl oz per acre per crop year.**

**USE RATE DETERMINED BY CATION EXCHANGE CAPACITY (CEC) OF SOIL**

Cation Exchange Capacity (CEC) of Soil	< 5 <sup>2</sup>	5-9	10-14	15-20	>20
BAS 656 03 H Use Rate (fl oz per acre)	9	10-12	13-15	16-18	19-21

**USE RATE DETERMINED BY SOIL TEXTURE AND ORGANIC MATTER CONTENT**

Soil Texture	BAS 656 03 H Use Rate(fl oz per acre)	
	Organic Matter	
	Less than 3%	3% or more <sup>3</sup>
Coarse <sup>2</sup>	9 to 11	11 to 14
Medium	11 to 14	14 to 18
Fine	14 to 17	18 to 21

<sup>1</sup> See tank mix descriptions below for the recommended use rate ranges of the specific product used in combination with BAS 656 03 H. Refer to tank mix section of companion product label for actual use rate by soil type or weed growth stage.

<sup>2</sup> Preplant incorporated treatments are not recommended on soils with CEC values less than 5 (or coarse soils with less than 1.5% organic matter).

<sup>3</sup> On all soils with greater than 8% organic matter, use 21 fl oz per acre of BAS 656 03 H.

**BAS 656 03 H TANK MIXTURES AND SEQUENTIAL USE PROGRAMS IN SOYBEANS**

BAS 656 03 H use rates for herbicide combination programs and specific tank mixtures are presented in the above label section, BAS 656 03 H Use Rates in Soybeans.

BAS 656 03 H may be applied prior to, in tank mix with, or following use of one or more of the following herbicides in soybeans: Canopy®, Command®, Gemini®, Gramoxone Extra, linuron (Lorox® and others), metribuzin (Lexone® or Sencor®), Lorox Plus®, Preview®, Prowl, Pursuit, glyphosate (Roundup), Scepter®, Sonalan®, trifluralin (Treflan® and others) or 2,4-D (early preplant only). In addition, BAS 656 03 H or BAS 656 03 H combinations preemergence may be used prior to herbicides registered for postemergence grass or broadleaf weed control in soybeans, such as Assure® II, Basagran®, Classic®, Fusilade®, Galaxy®, Pinnacle®, Poast®, Storm®, and others.

When using tank mix or sequential applications with BAS 656 03 H, always read the companion product label(s) to determine specific use rates by soil types, weed species, and weed or crop growth stage. In addition, follow precautions and restrictions including state and local use restrictions that may apply to specific products.

**BAS 656 03 H may be tank mixed with or applied sequentially in one or more of the following herbicide combination programs.**

**BAS 656 03 H plus**  
**CANOPY® 75 WDG (6 to 12 oz/A)**  
 or  
**GEMINI® 60 WDG (12 to 24 oz/A)**  
 or  
**LOROX PLUS® 60 WDG (12 to 18 oz/A)**  
 or  
**PREVIEW® 75 WDG (6 to 9 oz/A)**

Applications may be made preplant surface or preemergence to soybeans with any of these combinations. In addition, tank mixes with Canopy, Preview, Pursuit, Scepter or metribuzin may be applied preplant incorporated. Applications with Pursuit or Scepter may be made early postemergence, up through the third trifoliate stage of soybeans. Use spray adjuvants recommended in the tank mix product label. BAS 656 03 H may be applied at reduced rates of 8-11 fl oz/A when used in postemergence tank mixtures with Pursuit 2 SL (4 fl oz/A) or Pursuit 70DG (1.4 oz/A). Make applications when weeds are actively growing and before they are greater than 3 inches tall.

In minimum or no-tillage systems either Gramoxone Extra or Roundup (glyphosate) may be added to preplant surface or preemergence applications for the control of emerged weeds. Applications must be made prior to soybean emergence.

**BAS 656 03 H plus**  
**Linuron**  
**LOROX® 50 DF (1 to 3 lb/A)**  
 or  
**LOROX® 4L (1 to 3 pt/A)**

**BAS 656 03 H plus**  
**Metribuzin**  
**LEXONE or SENCOR® 75 DF (0.33 to 1 lb/A)**  
**LEXONE® 4L or SENCOR® 4 (0.5 TO 1.5 pt/A)**

**BAS 656 03 H plus**  
**PURSUIT 2.0 SL (4 fl oz/A)**  
 or  
**PURSUIT 70DG (1.4 oz/A)**  
 or  
**SCEPTER® 1.5 SL (0.33 to 0.67 pt/A)**  
 or  
**SCEPTER® 70WG (1.4 to 2 oz/A)**

**BAS 656 03 H PLUS**  
**PROWL 3.3 EC (1.2 to 3 pt/A)**  
 or  
**Trifluralin**  
**TREFLAN® 4 EC (1 to 3 pt/A)**  
 or  
**SONALAN® 3 EC (1.5 to 3.5 pt/A)**  
 and/or  
**COMMAND® 4 EC (1 to 2 pt/A)**

BAS 656 03 H may be used in tank mix with or applied sequentially after the use of these products. If tank mixed, applications with trifluralin or Sonalan and/or Command must be mechanically incorporated into the soil. Use thorough incorporation in upper 2 inches of soil. Tank mixes with Prowl may be applied either incorporated or used preemergence within 2 days after soybean planting. Canopy, Lexone, Preview, Pursuit, Scepter or Sencor may be added to these combinations for improved control or control of additional weed species.

**BAS 656 03 H SWEET CORN USE PROGRAMS**

BAS 656 03 H may be used as a preplant surface, preplant incorporated, preemergence or postemergence (up to 8 inch tall sweet corn) application in sweet corn. A single or split application may be used.

Before application to sweet corn, verify with your local seed company (supplier) the selectivity of BAS 656 03 H on your specific variety(s). This precaution will help avoid potential injury to sensitive varieties.

Delayed emergence or leaf wrapping of sweet corn may occur if extreme conditions of high rainfall with extended periods of water saturated soil and/or cool weather occur during sweet corn germination and emergence.

Sweet corn may be grazed or fed to livestock at 40 or more days after application of BAS 656 03 H. Sweet corn ears may be harvested at 50 or more days after application of BAS 656 03 H.

**BAS 656 03 H USE RATES IN SWEET CORN**

For BAS 656 03 H rates in sweet corn, use rates given in the field corn, seed corn and popcorn section of this label.

**BAS 656 03 H TANK MIXTURES AND SEQUENTIAL USE PROGRAMS IN SWEET CORN**

Tank mixtures and sequential use programs given in this label for field corn, seed corn, and popcorn apply for use in sweet corn when the companion product is registered for sweet corn use. Always read the companion product label(s) to verify allowed uses in sweet corn including: specific use rates by soil types, weed species, and weed or crop growth stage. Follow all precautions and restrictions including state and local use restrictions that may apply to specific companion products. In addition this product can be used prior to or tank mixed with Basagran® or Laddok® S-12 herbicides for use on sweet corn in accordance with the most restrictive of label limitations and precautions. No label dosage rates should be exceeded. This product cannot be mixed with any product containing a label prohibition against such mixing.

**BAS 656 03 H GRAIN SORGHUM USE PROGRAMS**

BAS 656 03 H may be used as a preplant surface, preplant incorporated, or preemergence application in sorghum. A single or split application program may be used. All BAS 656 03 H applications must only be made to sorghum seed that has been properly treated by the seed company with an approved chloroacetamide herbicide safener or severe injury may occur.

Under high soil moisture and/or cool conditions, BAS 656 03 H application may cause temporary stunting or leaf wrapping of sorghum. Sorghum will normally outgrow these symptoms in 10-14 days.

For best performance make preemergence surface applications within 5 days of the last preplant tillage. If weeds are emerged apply BAS 656 03 H with contact herbicides to control emerged vegetation.

Sorghum forage may be grazed or fed to livestock at 60 or more days after application. Grain and fodder may be harvested and fed at 80 or more days after application of BAS 656 03 H.

BAS 656 03 H is not registered for use on sweet or forage sorghum.

**BAS 656 03 H USE RATES IN SORGHUM**

For BAS 656 03 H rates in sorghum, use rates given for field corn, seed corn and popcorn section of this label. Additional rate recommendations specific for sorghum: for best weed control in coarse textured soil use 11 fl oz/A and for sorghum produced under irrigation, use a minimum of 13 fl oz/A.

**BAS 656 03 H TANK MIXTURES AND SEQUENTIAL USE PROGRAMS IN SORGHUM**

BAS 656 03 H may be applied prior to, in tank mix with, or following use of one or more of the following herbicides in sorghum: atrazine, BANVEL®, Cyclone® CF, Fallow Master™, Gramoxone® Extra, glyphosate (Roundup®), Landmaster® BW and Milo-Pro®. In addition this product can be used in sequential applications with other herbicides labeled for use on grain sorghum such as: Basagran, Buctril®, Laddok S-12, MARKSMAN®, WEEDMASTER® or 2,4-D. No label dosage rates should be exceeded. This product cannot be mixed with any product containing a label prohibition against such mixing.

When using tank mix or sequential applications with BAS 656 03 H, always read the companion product label(s) to determine specific use rates by soil types, weed species and weed or crop growth stage. In addition, follow precautions and restrictions including state and local use restrictions that may apply to specific products.

<b>BAS 656 03 H plus atrazine (0.75 to 2.0 lb ai/A)</b>	Applications may be made preplant, preplant incorporated, or preemergence. Do not apply on coarse textured soils or medium textured soils with less than 1.5% organic matter.
<b>BAS 656 03 H plus Milo-Pro (0.60 to 2.3 lb ai/A)</b>	Applications may be made preplant or preemergence in states where Milo-Pro is approved for use. Do not apply this combination on sand or sandy loam soils.
<b>BAS 656 03 H plus Cyclone CF or Gramoxone Extra (1.5 to 3.0 pt/A) or Roundup (glyphosate) (0.5 to 4.0 lb ai/A) or Landmaster BW or Fallow Master</b>	Apply for burndown of emerged weeds in minimum or no-tillage production system. Application with Cyclone, Gramoxone or Roundup must be made before crop emergence. For improved burndown of broadleaf weeds, BANVEL may be added to mixtures with Cyclone, Gramoxone and Roundup (glyphosate) if application is made 15 or more days before planting. Landmaster or Fallow Master applications must be made 14 or more days before sorghum seeding.

**BAS 656 03 H DRY BEAN USE PROGRAMS**

BAS 656 03 H may be used as a preplant surface applied, preplant incorporated, preemergence or early postemergence (first to third trifoliate stage) treatment to all dry bean classes (such as small whites, navy, black turtle soup, pink, pinto, great northern, red Mexican, red kidney and cranberry) and lentils. A single or split application program may be used.

Before application to dry beans, verify with your local seed company (supplier) the selectivity of BAS 656 03 H on your specific dry bean class and variety. This precaution will help avoid potential injury to sensitive classes or varieties.

This product is not registered for use in succulent beans or cowpeas.

Dry beans may be harvested 70 or more days after BAS 656 03 H application.



If extreme conditions of high rainfall and extended periods of water saturated soil occur during dry edible bean germination or early seedling development, BAS 656 03 H use may result in temporary growth suppression. This suppression has not resulted in reduced dry edible bean yield.

BAS 656 03 H use postemergence may occasionally result in some temporary spotting or browning of dry bean leaves.

#### **BAS 656 03 H USE RATES IN DRY BEAN**

For BAS 656 03 H rates in dry bean use rates given for soybeans in the Directions for Use Booklet attached to the BAS 656 03 H container. Additional recommendations specific to dry beans are to use BAS 656 03 H at a maximum of 11 fl oz/A on coarse soils with CEC < 5 or organic matter less than 1.5% for soil applications made prior to crop emergence.

BAS 656 03 H may be tank mixed with or applied sequentially in one or more of the following herbicide combination programs.

#### **BAS 656 03 H TANK MIXTURES AND SEQUENTIAL USE PROGRAMS IN DRY BEAN**

BAS 656 03 H may be applied prior to, in tank mix with, or following use of one or more of the following herbicides in dry bean: Basagran, Eptam®, glyphosate (Roundup), paraquat (Gramoxone Extra), Prowl® 3.3 EC, Pursuit®, Sonalan™, and trifluralin (Treflan™). In addition, BAS 656 03 H may be applied postemergence following preplant or preemergence use of alachlor (Lasso®) or Dual®. In addition this product can be tank mixed with Far-Go® or sethoxydim (Poast® or Ultima™ 160) herbicides for use on dry beans in accordance with the most restrictive of label limitations and precautions. No label dosage rates should be exceeded. This product cannot be mixed with any product containing a label prohibition against such mixing.

When using tank mix or sequential applications with BAS 656 03 H, always read the companion product label(s) to determine specific dry bean classes registered, use rates by soil types, weed species, and weed or crop growth stage. In addition, follow precautions and restrictions including state and local use restrictions that may apply to specific products.

<b>BAS 656 03 H plus Basagran 4 EC (1.0 to 2.0 pt/A)</b>	Make application after the first trifoliate leaf has fully expanded through the third trifoliate leaf stage of dry bean.
<b>BAS 656 03 H plus Pursuit® 2.0 SL (2.0 to 3.0 fl oz/A) or Pursuit® 70DG (0.72 to 1.1 oz/A)</b>	Application may be made preplant, preemergence or postemergence. Make postemergence application after first trifoliate leaf has expanded through the third trifoliate leaf stage of dry bean.
<b>BAS 656 03 H plus Prowl 3.3 EC (1.2 to 3.6 pt/A) or trifluralin (0.5 to 1.0 lb ai/A) Treflan™ 4 EC (1.0 to 2.0 pt/A)</b>	BAS 656 03 H may be used in tank mix with or applied sequentially after the use of these products. For best performance, use BAS 656 03 H preemergence following preplant incorporation of these products. If tank mixed, applications must be

or <b>Sonalan™ 3 EC (1.5 to 4.5 pt/A)</b> or <b>Eptam® 7-E (2.0 to 4.5 pt/A)</b>	mechanically incorporated into the soil. Use uniform thorough incorporation in upper 1 to 2 inches of soil.
<b>BAS 656 03 H plus</b> <b>Roundup (glyphosate) (0.5 to 4.0 lb ai/A)</b> or <b>Gramoxone Extra (1.5 to 3.0 pt/A)</b>	Apply for burndown of emerged weeds in minimum or no-till production systems. Application must be made before crop emergence.

### **BAS 656 03 H PEANUT USE PROGRAMS**

BAS 656 03 H may be used preplant surface, preplant incorporated, preemergence or postemergence (up to 80 days prior to harvest) in peanut. A single or split application may be used.

Peanut hay or straw may be grazed or fed to livestock at 80 or more days after last application of BAS 656 03 H.

### **BAS 656 03 H USE RATES IN PEANUT**

Use BAS 656 03 H at 9-18 fl oz/A when applied alone or in tank mix combinations. Use higher rates (14-21 fl oz/A) for improved control or suppression of difficult weeds like yellow nutsedge, Florida beggarweed, eclipta, common ragweed and other broadleaf species.

BAS 656 03 H may also be used in a split application using 1/2 to 2/3 the maximum rate initially and the remaining 1/2 to 1/3 in sequential application. Do not exceed a maximum of 21 fl oz/A per crop year.

### **BAS 656 03 H TANK MIXTURES AND SEQUENTIAL USE PROGRAMS IN PEANUT**

BAS 656 03 H may be applied prior to, in tank mix with, or after use of one or more of the following herbicides in peanut: Balan™, Basagran, Blazer®, Bugle®, Classic®, 2,4-DB (Butyrac®), Dual, Lasso, Prowl 3.3 EC, Poast, Poast Plus®, Pursuit, Sonalan, Starfire®, Storm®, Tough®, trifluralin (Treflan), Vernam® or Zorial®, in accordance with the most restrictive of label limitations and precautions. No label dosage rates should be exceeded. This product cannot be mixed with any product containing a label prohibition against such mixing.

When using tank mix or sequential applications with BAS 656 03 H, always read the companion product label(s) to determine specific use rates by soil type, weed species, and weed or crop growth stage. In addition, follow precautions and restrictions including state and local use restrictions that may apply to specific products.

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### **MIXING AND APPLICATION DIRECTIONS**

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### **BEST STEWARDSHIP PRACTICES**

BAS 656 03 H provides effective preemergent weed control in corn and soybeans when properly applied. Best stewardship practices in all mixing, loading, and application operations not only maximize weed control, but also protect ground and surface waters and minimize off-target movement.

### GROUND AND SURFACE WATERS PROTECTION

1) Point source contamination - To prevent point source contamination, do not mix or load this or any other pesticide product within 50 feet of wells (including abandoned wells and drainage wells), sink holes, perennial or intermittent streams and rivers, and natural or impounded lakes and reservoirs. This setback does not apply to properly capped or plugged abandoned wells and does not apply to impervious pad or properly diked mixing/loading areas as described below.

) Mixing, loading, rinsing, or washing operations performed within 50 feet of a well are allowed only when conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be on or move across the pad. The pad must be self-contained to prevent surface water flow over or from the pad. The pad capacity must be maintained at 110% that of the largest pesticide container or application equipment used on the pad and have sufficient capacity to contain all product spills, equipment or container leaks, equipment wash waters, and rainwater that may fall on the pad. The containment capacity does not apply to vehicles delivering pesticide shipments to the mixing/loading site. States may have in effect additional requirements regarding wellhead setbacks and operational containment.

Care must be taken when using this product to prevent: a) back siphoning into wells, b) spills or c) improper disposal of excess pesticide, spray mixtures or rinsates. Check valves or antisiphoning devices must be used on all mixing equipment.

) 2) Movement dissolved in runoff or through soil - Do not apply under conditions which favor runoff. Do not apply to impervious substrates such as paved or highly compacted surfaces or frozen soils.

Groundwater contamination may occur in areas where soils are permeable or coarse and groundwater is near the surface. To minimize the possibility of groundwater contamination, carefully follow application rate recommendations as affected by soil type in the general information section of this label. Do not apply to coarse soils 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.

3) Movement by water erosion of treated soil - Do not apply or incorporate this product through any type of irrigation equipment nor by flood or furrow irrigation. Ensure treated areas have received at least one-half inch rainfall before using tailwater for subsequent irrigation of other fields.

### NON-TARGET AREA PROTECTION

Drift from application to this herbicide is likely to result in damage to sensitive plants adjacent to the target area. 27 of 34 30

1) Spray Drift - High or gusty winds, high temperatures, low humidity and temperature inversions increase the likelihood of spray drift from intended targets. Do not apply when these conditions exist. To minimize spray drift:

- Make application when conditions are favorable for even spray deposition (approximately 3-10 mph) on the soil surface. Do not apply when wind or wind gusts exceed 15 mph.
- Use as low pressure, properly calibrated, application equipment as possible to produce large spray droplets and sufficient spray volume to ensure adequate coverage. Do not use nozzles producing a mist droplet spray.
- Keep ground driven spray boom as low as possible above the target surface.

2) Wind erosion of treated soil - Avoid treating powdery dry or light sandy soils when conditions are favorable for wind erosion. Under these conditions, the soil surface should first be settled by rainfall or irrigation.

### MIXING OF SPRAY SOLUTIONS

BAS 656 03 H is a concentrated liquid herbicide that can be mixed for application in water, sprayable fluid fertilizer, or it may be impregnated on dry bulk fertilizer. When herbicide tank mixtures or mixtures with sprayable fluid fertilizer are to be used, a compatibility test should be conducted prior to tank mixing (SEE COMPATIBILITY TEST section in this label).

When loading a spray tank for application of BAS 656 03 H (alone or in tank mixtures with other products) use the following order for mixing:

1. Thoroughly clean spray tank prior to use.
2. Fill sprayer tank one-half full of either water or sprayable fluid fertilizer.
3. Start sprayer agitation system and continue agitating throughout mixing and application.
4. If compatibility test indicated the need for addition of a compatibility agent, add the amount recommended on the label of the selected compatibility agent.
5. If tank mixing with wettable powder or dry flowable products, make a slurry of these products with water and add slowly to spray tank.
6. If tank mixing with a flowable formulation, add this product slowly to spray tank.
7. Add BAS 656 03 H to spray tank.
8. If tank mixing with emulsifiable concentrates or soluble liquid products add these products to spray tank.
9. If tank mixing with Gramoxone Extra or Roundup add these products as remainder of spray tank is filled with carrier.
10. If adding spray adjuvants, add them after all other products have been mixed.

**GROUND or AERIAL APPLICATIONS**

Apply the recommended rates of BAS 656 03 H in 2 or more gallons of spray solution per acre. Actual minimum spray volume per acre is determined by spray equipment used for application. Application must be made in adequate volume to provide accurate and uniform distribution of spray particles over treated area and to avoid drift of spray particles to non-target areas. In addition, when BAS 656 03 H is used in tank mixtures, spray volume used must be no less than the minimum volume required by the tank mix product. Use nozzle screens no finer than 50 mesh when spraying tank mixtures with wettable powder or flowable formulations.

BAS 656 03 H may be applied as a band treatment. Use rates within the treated area of the band must not exceed the use rates given for broadcast application. Use the formula below to determine the appropriate amount of product and volume of carrier needed per acre of field.

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Broadcast Rate per acre} = \text{Band Rate per acre}$$

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Broadcast Volume per acre} = \text{Band Volume per acre}$$

**USE OF SPRAY ADJUVANTS**

BAS 656 03 H is a preemergence herbicide for which spray adjuvants have little or no influence on performance. However, several herbicides used in tank mixtures with BAS 656 03 H require use of adjuvants to aid in the burndown of emerged weeds. Use only those adjuvants cleared for agricultural crop use. Surfactants and/or low rate fertilizer (28%, 30% or 32% UAN or ammonium sulfate) adjuvants may be used with tank mixes applied preplant, preemergence or early postemergence to the crop. Crop oil concentrates may be used prior to crop emergence but are not recommended after crop emergence unless specified for a particular tank mixture.

**COMPATIBILITY TESTING**

A compatibility test is recommended for applications with liquid fertilizer. Before mixing products in the spray tank, small amounts of all products can be mixed in proportionate quantities to determine compatibilities. The amounts of carrier and products in this compatibility test are based on a spray volume of 25 gallons per acre. Make appropriate changes in amounts for your specific spray volume.

To conduct this test begin by adding one pint of the liquid fertilizer solution to a one quart container. Then add, in sequence as given above, 1/2 level teaspoons per pound use rate for dry formulated products and 1/2 teaspoon per pint (16 fluid ounces) use rate of liquid formulated products. Agitate materials by covering and gently shaking container for 5 to 10 seconds between each product addition.

If herbicide(s) do not ball-up or form flakes, gels, sludge, oily film or layers, or other precipitates, then the tested spray mix is compatible. Incompatibility in any of the above described forms will normally occur within 5 minutes after mixing. If components are incompatible, the use of a compatibility agent is recommended.

Rerun the above compatibility test with a suitable compatibility agent (1/4 teaspoon in test is equivalent to a use rate of 2 pints per 100 gallons of spray volume). If the mixture is then compatible, use the compatibility agent as directed on its label. If the mixture is still incompatible, the liquid fertilizer and herbicide(s) should not be mixed for use in the same spray tank.

### **DRY BULK FERTILIZER APPLICATIONS**

BAS 656 03 H may be impregnated or coated onto dry bulk granular fertilizer carriers for preplant surface, preplant incorporated or preemergence applications. Impregnation or coating may be conducted by either the in-plant bulk system or the on-board system. When impregnated onto some dry fertilizer blends, BAS 656 03 H may exhibit a strong odor. Perform mixing operation in well-ventilated areas. BAS 656 03 H may also be applied in herbicide tank mixtures where the tank mix companion product is also registered for these application systems. Individuals or agents selling BAS 656 03 H in these application systems are responsible for following all state and local regulations regarding fertilizer/herbicide blending.

Addition of a drying agent may be necessary if the fertilizer/herbicide blend is too wet for uniform application due to high humidity, high urea concentration, and/or low fertilizer use rate. Slowly add the drying agent to the blend until a flowable mixture is obtained. Drying agents are not recommended for use with on-board impregnation systems.

Under some conditions fertilizer impregnated with BAS 656 03 H may clog air tubes or deflector plates on pneumatic application systems. Mineral oil may be added to BAS 656 03 H before blending with fertilizer to reduce plugging. Do not use drying agents when mineral oil is used. To avoid separation of BAS 656 03 H and mineral oil mixes in cold temperatures either keep mixture heated or agitated prior to blending with fertilizer. Mineral oil may be used at in-plant blending stations or on-board injection systems.

Apply 200 to 750 pounds of fertilizer/herbicide blend per acre. Application must be made uniformly to the soil to prevent possible crop injury and offer satisfactory weed control. Impregnated fertilizer spread at half rate and overlapped to obtain a full rate will offer a more uniform distribution. A shallow (1-2 inch) incorporation is desirable for improved weed control. Deeper incorporation may result in unsatisfactory weed control.

*For granular fertilizer applications to protect and maintain soil moisture and structure.*

Formula to determine herbicide rate(s):

$$\frac{\text{Fluid Ounces or Pounds Herbicide/Acre}}{\text{Pounds of Fertilizer/Acre}} \times 2000 = \text{Fluid Ounces or Pounds of Herbicide Per Ton of Fertilizer}$$

**INCOMPATIBLE MIXTURES** - DO NOT impregnate BAS 656 03 H or BAS 656 03 H mixes on ammonium nitrate, potassium nitrate, or sodium nitrate fertilizers or fertilizer blends. Single superphosphate (0-20-0) and triple superphosphate (0-46-0) may be impregnated only with BAS 656 03 H alone.

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### ROTATIONAL CROPS

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If the corn or soybean crop treated with BAS 656 03 H is lost to adverse weather or for other reasons, the area treated may be replanted to corn or soybeans immediately. If the original BAS 656 03 H treatment was broadcast, do not make a second application of BAS 656 03 H. If the original application was banded and the second crop is planted in the row middles, a second band application may be applied. Fall seeded cereal crops may be planted at 4 or more months after a spring application of BAS 656 03 H. There are no rotational crop restrictions in the Spring following the previous year's application of BAS 656 03 H.

BAS 656 03 H used in tank mixtures: Refer to the labels of tank mix products for additional rotation crop information and restrictions.

### REGISTERED TRADEMARKS

Banvel®, Basagran®, Blazer®, Laddok® S-12, Marksman®, Poast®, Poast Plus®, Storm®, Ultima™ 160, and Weedmaster® are trademarks of BASF Corporation.

Balan™, Sonalan™, Sonalan™ 3 EC, Treflan™ and Treflan™ 4 EC are trademarks of DowElanco.

Bugle® is a registered trademark of AgroEvo USA Company.

Buctril® and Butyrac® are registered trademarks of Rhone-Poulenc Ag Company.

Classic® is a registered trademark of E.I. Du Pont de Nemours and Co., Inc.

Cyclone® CF, Eptam®, Eptam® 7-E, Gramoxone® Extra, Starfire® and Vernam® are registered trademarks of Zeneca, Inc.

Dual®, Tough® and Zorial® are registered trademarks of Ciba Geigy Corporation.

Fallow Master™, Far-Go®, Landmaster® BW, Roundup® and Lasso® are trademarks of Monsanto Agricultural Company.

Milo-Pro® is a registered trademark of Griffin Corporation.

Prowl® 3.3 EC, Pursuit®, Pursuit® 2.0 SL and Pursuit® 70DG are registered trademarks of American Cyanamid Company.

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## STORAGE AND CONTAINER DISPOSAL

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### Prohibitions

Do not contaminate water, food, or feed by storage or disposal.

### Storage

Store in original container away from fertilizer, feed, or foodstuffs and separated from other pesticides. Heated storage is required in bulk systems, recommended in mini-bulk systems and not required for 2 X 2.5 gallon package size.

### Pesticide Disposal

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

### Plastic Containers

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If containers are burned, do not inhale smoke.



**BULK STORAGE AND DISPOSAL ALTERNATE LANGUAGE***To be printed on labeling for bulk use only***AGITATE BEFORE USE****STORAGE AND DISPOSAL****PROHIBITIONS**

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. This product may not be mixed, loaded, or used within 50 feet of all wells including abandoned wells, drainage wells, and sinkholes.

**STORAGE**

Ground water contamination may be reduced by diking and flooring of permanent liquid bulk storage sites with an impermeable material.

**PESTICIDE DISPOSAL**

Pesticide spray mixture or rinsate that cannot be used according to label instructions must be disposed of according to Federal and local procedures under Subtitle C of the Resource Conservation and Recovery Act.

**BULK TANK MAINTENANCE**

Follow clean-out directions in the Dealer Bulk Handling Guide for BAS 656 03 H listed under Bulk Storage Tank Requirements.

**GENERAL**

Consult Federal, State, or local disposal authorities for approved alternative procedures, such as limited burning.

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**LIMITED WARRANTY AND LIABILITY**

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**NOTICE:** Read this Limitation of Warranty and Limitation of Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or

application, all of which are beyond the control of BASF or seller. All such risks shall be assumed by buyer or user.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, under normal use conditions, subject to the risks described above. **BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

In no event shall BASF or seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF BASF OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF BASF OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

BASF and seller offer this product, and buyer and user accept it, subject to the foregoing limitations of warranty and limitation of liability, which may not be modified by any oral or written agreement.

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Eradicane®, Eradicane® 6.7E, Fusilade®, and Gramoxone® Extra are registered trademarks of Zeneca, Inc. Ag Products.

Roundup® is a registered trademark of Monsanto Agricultural Products Company.

Beacon®, Beacon® 75 WDG and Princep® are registered trademarks of Ciba-Geigy Corporation, Agricultural Division.

Prowl®, Prowl® 3.3 EC, Pursuit®, Pursuit® 2.0 SL, Pursuit® 70 DG, Scepter®, Scepter® 1.5 SL, and Scepter® 70 WG are registered trademarks of American Cyanamid Company.

Sencor®, Sencor® 75 DF, and Sencor® 4 are registered trademarks of Mobay Corporation.

Sonalan®, Sonalan® 3 EC, Treflan®, and Treflan® 4 EC are registered trademarks of DowElanco.

Command® and Command® 4 EC are registered trademarks of FMC Corporation.