

For: State and County Offices

Determining Eligibility and Yields for Crop Year 2005 Grain Sorghum Varieties

Approved by: Acting Deputy Administrator, Farm Programs



1 Overview

A Background

Inquiries have been received about the eligibility of certain categories of grain sorghum for loans and loan deficiency payments (LDP's).

B Purpose

This notice provides:

- guidance to State and County Offices for assigning yields for grain sorghum (dual purpose varieties) harvested as other than grain

Note: Regular hybrid grain sorghum varieties harvested as other than grain shall be handled according to 8-LP.

- guidelines for assigning yields for varieties of grain sorghum (dual purpose varieties) that are **not normally** harvested as grain
- the grain sorghum varieties, which are:
 - dual purpose, having a yield potential equal to 100 percent of hybrid varieties
 - dual purpose, having a yield potential equal to 80 percent of hybrid varieties
 - sterile varieties
 - photo-period sensitive varieties
 - ineligible varieties.

C Effective Date

These changes are effective for the 2005 crop year.

Disposal Date	Distribution
January 1, 2006	State Offices; State Offices relay to County Offices

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2 Assigning Yield Guidelines

A General Guidance

COC shall assign a yield that could have been expected had that actual crop been carried to harvest as grain. If the commodity is affected by any disaster, such as drought, hail, etc., the yield shall be adjusted to accurately reflect the actual yield if the crop had been allowed to be harvested as grain. For grain sorghum (dual purpose varieties) harvested as other than grain, obtain documentation, such as seed tickets and invoices, from the producer as to the variety planted and harvested.

B Determined Eligible Grain Sorghum

The following categories will be used to determine eligibility of grain sorghum (dual purpose varieties) for 2005 and subsequent crop years.

- **Category I.** Non-Tannin Sorghum for grain or silage/hay **is eligible** regardless of parentage or grain yield.
- **Category II.** Tannin Sorghum for grain or silage/hay **is eligible** regardless of parentage or grain yield, but if harvested, grain must be identity-preserved and reported.
- **Category III.** Tannin Sorghum used for pasture **is not eligible** for LDP's or any programs.

C Methods for Assigning the Yield

Use either of the following methods to assign the yield if the variety of grain sorghum (dual purpose variety) is eligible for LDP.

IF...	THEN assign the yield based on...
the producer: <ul style="list-style-type: none">• harvested some dual purpose acreage of the crop on the farm for grain• used the same management practices on all the acreage	the acreage harvested for grain.
no dual purpose acreage was harvested for grain on the farm using the same management practices	either regular hybrid grain sorghum harvested on the farm or 3 similar farms as COC determines most representative.

Note: The yields assigned by COC shall not exceed the actual yield for farms in the area with similar management practices that harvested the crop and variety for grain.

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3 Establishing Dual Purpose Grain Sorghum Yields

A Dual Purpose

Dual purpose varieties of grain sorghum that have a yield potential equal to:

- 100 percent of hybrid grain sorghum varieties are listed in Exhibit 1

Note: Assign a yield of 100 percent of the grain yield using the methods in subparagraph 2 C.

- 80 percent of hybrid grain sorghum varieties are listed in Exhibit 2.

Note: Assign a yield of 80 percent of the grain yield using the methods in subparagraph 2 C.

B Sterile

Sterile varieties of grain sorghum are listed in Exhibit 3. The producer must provide documentation to COC that shows the crop was planted with a pollinator and that 90 percent or more of the plants could produce a grain that would be classified as grain sorghum using the Official United States Standards for Grain.

Assign a yield based on 80 percent of the yield determined by using the methods in subparagraph 2 C.

C Photo-Period Sensitive

Photo-period sensitive varieties of grain sorghum are listed in Exhibit 4. Contact the State Office for assistance with establishing maximum eligible quantity if the crop was planted south of a line from El Paso to Abilene to Dallas (Interstate 20), Texas. Assign a yield based on 80 percent of the yield determined by using the silage factor.

For any photo-period sensitive variety planted north of the line, assign a yield of zero.

D All Other Varieties

Ineligible grain sorghum varieties are listed in Exhibit 5.

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4 Action

A State Office Action

State Offices shall:

- immediately publicize the contents of this notice to the maximum extent possible
- instruct County Offices to immediately notify producers of the contents of this notice using all available sources
- consult with PSD to make determinations of dual purpose varieties eligible at the 80 percent level that are not included in Exhibit 2 based on information received from seed companies

Note: If more information is needed to make a determination, contact CSREES or universities, as applicable.

- inform County Offices within the State of the determinations about varieties that are:
 - eligible at the 80 percent level
 - sterile
 - photo-period sensitive
 - ineligible.

B County Office Action

County Offices shall:

- review Exhibits 1 through 5 that list applicable varieties and make LDP eligibility determinations
- advise seed companies, who believe they have eligible varieties not listed in Exhibits 1 through 4, to contact the State Office and provide information about plant characteristics and forage and grain yield potentials
- notify the State Office of any varieties not listed in this notice that may be sterile or photo-period sensitive.

Dual Purpose Grain Sorghum Varieties With 100 Percent Yield Potential

The dual purpose grain sorghum varieties listed in the following table have yield potential equal to 100 percent of hybrid varieties.

Ag Venture FS111D	Asgrow Seed BBT	AVA Seeds AVA 7102 AVA 7110 AVA 7103 AVA 7111 AVA 7105	Barkley Seed Grass Roots 90HS
Boomerange DP1 Silage Master BMR	Byrons Seed Silage Supreme	Channel Bio Corp SugarGold	Crosbyton Seed Company GW 3072 F GW 8528 F BMR GW 9530 Silo-N-Feed
Den Besten Pheasant Acres Sweet Chop Sweet Chop BMR	Drussel Seed and Supply DSS Dividend BMR	Eastern Colorado HP 101 BMR	Frontier Hybrids Silmaker 5500 Silmaker 5700 Silmaker 6000 Silmaker 6500 Silmaker 7000
Garrison & Townsend BMR-100 BMR-101 Sile-ALL Silo-Milo Sweet T	Garst Seed Co. 320 333 320F 344 BMR N-322-X 344F 325 1020F 331-X Ex Chpr X R 332 x Hi-Energy II	Golden Acres Genetics, LLC FS466	Golden Harvest J C Robinson Seed Si-Gro H-45 Si-Gro H-46
Hoegemeyer Hybrids 591F 602F	Hyttest Seeds HT 110 BMR HT 555 HT 111 HY-Grow 77	Kaystar Seed Forari IV	Kelly Green Seeds, Inc. Silamaster Silamax BMR
Kings Agri Seed Silage Supreme	Land O Lakes Croplan Hikane II Croplan NK300	Legend Seed Company LFS-501	MMR Genetics MMR 304/24
Monsanto - DeKalb DKS59-09 FS-2 FS-22 FS-25E	NC+ Hybrids NC+ 965 NC+ 8R18 NC+ Y 363 Nutri-Choice Nutri-Choice II Nutri-Ton	Patriot Seed, Inc. BMR-101	Phillips Seed BMR 1000 Silo Fil Sweet Sil

Dual Purpose Grain Sorghum Varieties With 100 Percent Yield Potential (Continued)

Producers Hybrids	Production Plus	Richardson Seed, Inc.	Seed Resource, Inc.
Chaps Rodeo	Silobuster Silobuster S Silo Plus BMR	Dairy Master BMR Eversweet Silo 600D Silo 700D Silomaster Silomaster D Sweet R	BMR 100 BMR 106 Fame FS 515 HQ
Sharp Brothers Seed Co.	Sorghum Partners	Star Seed, Inc.	Taylor Seed
Canex 50/50 Canex BMR 208 Canex BMR 310 Canex BMR 328	HiKane II KF 429 NK 300	Silo Plus Silo Plus BMR Star Elite BMR	Green Valley 1 BMR
Triumph Seed Company, Inc.	UAP Seed	Walter Moss Seed Co.	Warner Seed Inc.
Super Sile 20 Super Sile SH26	Dixie Lee	Millenium BMR	2-Way 2-Way BMR 2-Way F-103 2-Way F-104 2-Way F-105 2-Way F-145 2-Way SRS Husky
Watley Seed Company	Wilbers Seed Solutions		
BMR 6150	Sweet-N-Low		

Note: This list will be supplemented with additional varieties based upon field trials conducted by the National Grain Sorghum Producers Association.

Dual Purpose Grain Sorghum Varieties With 80 Percent Yield Potential

The dual purpose grain sorghum varieties listed in the following table have yield potential equal to 80 percent of hybrid varieties.

AgriBioTech, Inc. BMR-100 FS-555	Asgrow Seed Beefbuilder T Titan R	AVA Seeds AVA 7109 FT	Barkley Seed Grass Roots 5150
Boomerange Silage Master MS BMR	Browning Seed, Inc. Silage Master	Casterline & Sons Seed Duro	Coop Seed, Inc. SSF-550 SSF630 SSF660
Crosbyton Seed Company GW 8228 BMR GW 9110F	Delta and Pine Land Co. 102F	Douglass King Co. K-100	Eastern Colorado Kane N Honey BMR
Fontanelle Hybrids F-310 F-315	Garrison & Townsend 991005 BMR 992003 BMR BMR Exp 2201 BMR Exp 2202 Silo Milo +	Garst Seed Co. 348BMR EX 2211 T-E Milk-A-Lot	Gayland Ward Seed Co., Inc. Ensile Master
Giant Seed Company Classic Razin Feed Razin Kane Razin Kane GM Razin Silage	Golden Acres Genetics, LLC T-E Greenchopper T-E Milk-A-Lot T-E Milkmaker T T-E Silomaker	Golden Harvest J C Robinson Seed EX 47 Si-Gro H-47	Greenbush Seed & Supply Chop-N-Milo Hygrachop
Hawkeye Hybrids SS1740	Hoegemeyer Hybrids 691 F Bale-All III	Hyttest Seeds HT 90 BMR HT 105 BMR	Kelly Green Seeds, Inc. 2-Way F-190 BMR
Land O Lakes Croplan Silo-Plus Croplan Silo-Plus BMR Croplan Sucrosorgo 405	Legend Seed Company LFS 601	Mallard Seed Company Mallard Rine AAA	Midland Genetics Dual Sil Silo-Fill II
MMR Genetics MMR 327M/438BMRxMMR MMR 366/23 BMR MMR 366/35 BMR	Monsanto - DeKalb Beefbuilbert FS-5	Mycogen Seeds 1F-700 T-E Milk-A-Lot	NC + Hybrids Nutri-Ton II

Dual Purpose Grain Sorghum Varieties With 80 Percent Yield Potential (Continued)

Ohlde-Midwest Seed Genetics 110D 111F 112F Daisy Su Evergreen Sugar Cane	Ottilie Seed RO 219	Phillips Seed BMR 4001 Sweet-Bal W/P Top Notch BMR	Pioneer Hi Bred International 84B52 841F 819F 849F 838F 931 839F 947 840F 956		
Production Plus MS505 DS BMR x Red Top Plus BMR	Rainbow Seeds FS-45	Resource Seeds Sorgomax FS 403 Sorgomax FS 425	Richardson Seeds, Inc. Bundle King II Bundle King IV Sugar Red Sugar King Sweeter N Honey BMR		
Roth Seed Company Chopper Stopper Sugar Loaf	Scott Seed Co. BMR Gold 100 S. S. Silage	Seed, Inc. 101F	Seed Resource, Inc. FS-555 FS-575		
Sharp Brothers Seed Canex BMR 248 Canex BMR 340 Mixed Red	Sorghum Partners SS 405 SS 506 Sucrosorgo 405	Star Seed, Inc. Magnum LDP Magnum Ultra+BMR LDP	Valley Feed and Seed Silo Max Udder Buster		
Warner Seed, Inc. Sucrosse 6-R BMR Sweet Bee	Watley Seed Company BMR 6250				
Miscellaneous Varieties/Company Unknown					
39-30-S Amber Atlas Coes Collier Colman	Dairy D Ellis Fremont Hegari Improved Orange Kansas Orange	Kansas Sourless Landsaver Leoti Red McLean Norkan Rancher	Red Amber Red Top Rox Orange Royal RS-301F RP 30F RP 40F	RS 301 Sil-X Sumac Tricker Waconia Amber Waconia Orange	White Amber X-SDR6

Sterile Grain Sorghum Varieties

The sterile grain sorghum varieties are listed in the following table.

AgriBioTech, Inc. Brand Hybrid Forage Pik Nik II Sug-R-Cane	AR-B Seed AR-B Hay N Graze AR-B Sweet Choice AR-B Sweet N Mor Sweet Choice BMR	Asgrow Seed Titan MS	AVA Seeds AVA 7108ST AVA 7109ST
Browning Seed, Inc. Bundel King	Casterline & Sons Seeds Sucane	Coffey Forage Seed, Inc. AML 74-2 MS 85 MS 7445 MS 7469 MSCA 27469	Crosbyton Seed Company Goldmaker GW 9430 F GW 9530 F Mor Bane II
Den Besten Bundel N Chop	Eastern Colorado Kane N Honey	Fontanelle Hybrids F-300	Frontier Hybrids Mucho Sweet
Garrison & Townsend Bale-All II Bale-All III	Gayland Wood Seed Co. GW 2120S	Golden Acres Genetics, LLC T-E Goldmaker T-E Goldmaker - S T-E Goldmaker - T	Golden Harvest J C Robinson Seed Si-Gro H-1
Greenbush Seed & Supply Sweetall Sterile	Hoegemeyer Hybrids 612 F 613 F 625F	Hyttest Seeds Honey Kane	J.C. Robinson Seed Co., Inc. Si-Gro-H-1
Kelly Green Seeds, Inc. Lucky Leaf	MMR Genetics MMR 366/31 BMR MMR 366/36 BMR	Moews Seed Co. Moews Chop 1	Monsanto - DeKalb Asgrow Titan MS
Mycogen Seeds T-E Goldmaker T-E Goldmaker II	NC+ Hybrids NC 305 F Nutri-Cane II	Ottillie Seed 210 A RO219A	Phillips Seed Sweet Bale
Production Plus Cane-Maker Cane-Maker II Red + Top Plus BMR Sweet-N-Red Ultra+Cane BMR	Richardson Seeds, Inc. Bundle King BMR	Roth Seed Company Cattle King Cattle King II Rocky Top	Scott Seed Co. Sugar Cube
Seed, Inc. Big Crop 101FS	Seed Resource, Inc. Brand Hybrid Forage Pik Nik II Sugar-R-Cane Sweet-N-Tall	Sharp Brothers Seed Co. Canex Canex II Canex BMR 317 Canex BMR 702 Silex BMR 501	Sorghum Partners X 909-NK
Star Seed, Inc. Magnum	Valley Feed and Seed Kane King	Warner Seed, Inc. Sweet Bee Sterile Sweet Bee Sterile II	Wilbers Seed Solutions Sweet-N-Tall
Miscellaneous Varieties/Company Unknown Crop Guard			

Photo-Period Sensitive Grain Sorghum Varieties

The photo-period sensitive grain sorghum varieties are listed in the following table.

Boomerange BMR 6 DH	Byrons Seed Summer Supreme	Cropland Genetics Green treat+
Delta and Pine Land Co. G-1990	Drussell Seed and Supply Bonus	Eagle Seed Genetics Hemi BMR
Eastern Colorado HP 300 BMR	Garrison & Townsend 22053 BMR BMR 301 BMR 302	Garst Seed Company N 765 BMR-X R 723 BMR-X
Hyttest Seeds HT-311 HT-311 BMR PPS	Kings Agri Seed Summer Queen	Legend Seed Company LFS-801
MMR Genetics 336/70 BMR	Mission Ag Mission Magic	Phillips Seed BMR 3001
Pioneer Hi Bred International 811 F	Richardson Seeds, Inc. Megagreen Pacesetter BMR Pacesetter Plus	Seed Resource, Inc. Forage King BMR Green Graze Extra PS-210 BMR
Sorghum Partners 1990	Taylor Seed WC Sweet Graze III PPS	UAP Seed Danny Boy BMR
Walter Moss Seed Co. 4-EverGreen 4-EverGreen BMR	Warner Seed, Inc. 2-Way 199PS Nutrigreen BMR Sucrossee 9-R PS	

Ineligible Varieties

A Grain Sorghum, Category III Varieties

Ineligible grain sorghum, Category III varieties are listed in the following table.

AR-B Seed AR-B Sweet II AR-B Sweet King Sweet King BMR	Browning Seed, Inc. Cadan 10/10 Cadan 10/50 Cadan 99B Exp Hybrid OOX Farmers Favor Hayzer Tridan Uron Brand	Coffey Forage Seeds, Inc. Maxi Grain Sugar Graze 2000 Sugar Graze 3000 Sugar Graze II Sugar Graze III Sugar Graze Ultra Sugar Queen Sugar Queen III Sugar ST	Crosbyton Seed Company 2816 G BMR 7616 G BMR ST Graz-N-Gain Graz-N-Gain ST GW 7816 G BMR GW 9110 G
Curtis & Curtis, Inc. Wonder Graze	DeLange Seed Hi Gain II	Den Besten Cow Chew Cow Chew BMR Hybrid Pearl Millet	Douglass King Co. Hay Day King 61 DR Sugar Sweet II Val-u-Graze
Drussel Seed and Supply DSS Bonus BMR DSS Bonus-R BMR	East Texas Seed Company Green Graze Planter's Pride	Frontier Hybrids Champ I Champ BMR Champ II Nutri Plus BMR	Garrison & Townsend BMR-201 Graze All III Gainer Sugar Dan Graze All
Garst Seed Co. 753 BMR 757 EX 32007 Graze-N-Bale + Tastemaker III	Golden Acres Genetics, LLC FP-5 T-E Evergreen T-E Haygrazer T-E Haygrazer II	Golden Harvest J C Robinson Seed RE-GRO EX 33 RE-GRO H-22B	Hoegemeyer Hybrids 650S Sugar Dan
Hyttest Seeds HT 211 BMR	Johnson Genetics Hidan 36 Trudan 8 Millex 32 Trudan 10 Sardan 79	Johnston Seed Company Sweet Grazin Triple Treat	Kelly Green Seeds, Inc. 4-FPS 4-X 4-Most 4-XPS 4-S Lucky Su 4-S BMR
Kirkland Seed Company Sweet Chow	Land O Lakes Croplan Drip-O-Honey Croplan Drip-O-Honey BMR Croplan Greentreat BMR Croplan Greentreat IV Croplan Greentreat-Plus Croplan Highland Sweet Plus Croplan Sordan 79 Croplan Sordan Headless Croplan Trudan 8 Croplan Trudan Headless	Legend Seed Company German LPM Preferred LSS 405 LSS 410 Manta	Mallard Seed Company Mallard SSG Mallard Sweet Miracle

Ineligible Varieties (Continued)

A Grain Sorghum, Category III Varieties (Continued)

McCormick Seed, Inc. Honey Sweet	Midland Genetics Super Sioux Sweet Graz	MMR Genetics 336/67 BMR	Monsanto - DeKalb Asgrow Grazer N1 DeKalb SX DeKalb SX 6 E DeKalb SX 15 DeKalb SX 17
Mycogen Seeds IF 655 TE Haygrazer	NC+ Hybrids NC+ 800HS NC+ BMR 44S NC+ Sweetleaf II	Ottillie Seed Sorgox Sudangrass 666	Phillips Seed Sweet Graz 55
Pioneer Hi Bred International 855F 877F 979	Producers Hybrids Lariat	Production Plus Dairymen's Dream Dry Stalk BMR Go-Man-Go Hi-n-Dri Nutri Plus BMR Nutri Plus DS Special Effort Ster-M-Up Sweet Sunny Sue	Richardson Seeds, Inc. Honey Graze BMR Honey Graze IV Honey Pasture Pacesetter BMR Sweetener-n-Honey Tri Sweet
Scott Seed Co. BMR Gold 200 BMR Gold 300 Honey Sweet Hay Preferred Stock Premium Stock Premium Stock LS Scott Grazer Sweet-N-Sterile	Seed, Inc. Big Crop Ribbon Grazer Big Crop Thrifty Grazer	Seed Resource, Inc. Att-A-Graze I Att-A-Graze II Cattle Grazer Dine a Nite Domor Forage King Green Graze Supreme Green Grazer V Green Pasture II MS 202 BMR S 222 S 333 SS 200 BMR Sugar Beef Sugar Beef III Sugar Beef IV Sugar Beef V Super Su 22 Xtra Sweet SS	
Sharp Brothers Seed Co. Buffalo Brand Grazex II Grazex II W Grazex BMR 16 Grazex BMR 727 Grazex BMR 737 Grazex BMR 771 Grazex BMR 782	Sorghum Partners Sordan 79 Sordan Headless Trudan 8 Trudan 10 Trudan Headless X921 X922 X999	Southern States SS220 BMR	Star Seed, Inc. Excel Nutri+Plus BMR
Terrall Seed, Inc. Terrall TV 357	Triumph Seed Co., Inc. Sooner Sweet SSII Super Sweet 10 SuperSweet ST15	UAP Seed Dynagrazer	Valley Feed and Seed Sweet Chief X-tra

Ineligible Varieties (Continued)

A Grain Sorghum, Category III Varieties (Continued)

Walter Moss Seed Co.	Warner Seed, Inc.		
Century BMR	Circle W	Sucrosse 5R BMR	
Mega Green	Gro-N-Graze 8493	Sucrosse 9-R PS	
SU-2-LM	GTW-1	Sucrosse S	
	Sooper Su	Sucrosse S1	
	Sucrosse 3R	Sucrosse S2	

B Sweet Sorghum

The following are ineligible sweet sorghum for sugar purposes only:

- Brandes
- Ramada
- Rio
- Roma
- Smith (MN 1500)
- Sugar Drip
- Texas Ribbon
- Texas Ribbon Cane
- Tracy
- White Ribbon
- Wiley
- Wray.