

For: State and County Offices

Determining Eligibility and Yields for Crop Year 2006 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 2006 crop year.

Disposal Date	Distribution
January 1, 2007	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., then 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 2006 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. If COC determines no representative hybrid grain sorghum was harvested on the farm or 3 similar farms and documents such in the minutes, then COC may set the yield based on COC knowledge.

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 Silo Milo	Arrow Seed Co., Inc. Beefmaster BMR Canex BMR 310 Pheasant Acres Silobuster Silo Mor Silo+Plus BMR	Asgrow Seed BBT	AVA Seeds AVA 7100 AVA 7103A AVA 7102 AVA 7105 AVA 7102A AVA 7110 AVA 7103 AVA 7111
Barkley Seed Grass Roots 90HS	Boomerange BMR 6 Silage Master 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	Dodge City Coop Sweet Feed BMR 802	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 N-340X 320F 344 BMR N-322-X 344F 325 1020F 331-X Ex Chpr X R 332 x Hi-Energy II 333
Golden Acres Genetics, LLC FS466	Golden Harvest J C Robinson Seed Si-Gro H-45 Si-Gro H-46	Hoegemeyer Hybrids 591F 602F	Hytest Seeds HT 110 BMR HT 110 HT 111 HT 555 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

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

Patriot Seed, Inc. BMR-101	PGS Hybrids Silage Maker Sweet Dairy BMR Sweet Ensile BMR	Phillips Seed BMR 1000 Silo Fil Sweet Sil	Producers Hybrids Chaps Chaps II Rodeo
Production Plus Silobuster Silobuster S Silo Plus BMR	Richardson Seed, Inc. Dairy Master BMR Eversweet Silo 600D Silo 700D Silomaster Silomaster D Sweet R	Roth Seed Company Rocky Top BMR Hi-Low	Seed Exchange Pheasant-Hunt-Red
Seed Resource, Inc. BMR 100 BMR 106 Fame FS 515 HQ	Sharp Brothers Seed Co. Canex BMR 208 Canex BMR 310 Canex BMR 328	Sorghum Partners HiKane II KF 429 NK 300	Star Seed, Inc. Silo Plus Silo Plus BMR Star Elite BMR
Taylor Seed Green Valley 1 BMR	Triumph Seed Company, Inc. Super Sile 20 Super Sile 22 Super Sile 30 Super Sile SH26	UAP Seed Dixie Lee	Valley Feed and Seed Udder Buster BMR Udder Max
Walter Moss Seed Co. Millenium BMR	Warner Seed Inc. 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 BMR 6150	Wilbers Seed Solutions 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	Arrow Seed Co., Inc. 1 st Choice BMR	Asgrow Seed Beefbuilder T Titan R	AVA Seeds AVA 7109 FT AVA 7120 ST
Barkley Seed Grass Roots 5150	Boomerange Silage Master MS BMR Silage Master ST BMR	Browning Seed, Inc. Silage Master	Byrons Seed Silage Supreme MS BMR
Casterline & Sons Seed Duro Silo Plus	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 HP 1010 BMR 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 N318-X 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 Ton-A-Milk
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	Kings Agri Seed Silage Supreme MS 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

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

Monsanto - DeKalb Beefbuildert FS-5	Mycogen Seeds 1F-700 T-E Milk-A-Lot	NC + Hybrids Nutri-Ton II	Ohlde-Midwest Seed Genetics 110D 111F 112F Daisy Su Evergreen Sugar Cane		
Ottillie Seed RO 219	Pennington Seeds Penn 02 BMR	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		
Producers Hybrids Roper BMR	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 Chopper Stopper II Sugar Loaf Sugar Loaf II	Scott Seed Co. BMR Gold 100 S. S. Silage	Seed Exchange Pheasant Hunt - White		
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 Supreme Chief BMR Sweet Kane Red Sweet Kane Red BMR	Warner Seed, Inc. Sucrosse 6-R BMR Sweet Bee	Watley Seed Company BMR 6250		
Miscellaneous Varieties/Company Unknown					
39-30-S	Dairy D	Kansas Orange	Rancher	RP 40F	Waconia Orange
Amber	Early Sumac	Kansas Sourless	Red Amber	RS 301	White Amber
Atlas	Ellis	Landsaver	Red Top	Sil-X	X-SDR6
Coes	Fremont	Leoti Red	Rox Orange	Sumac	
Collier	Hegari	McLean	Royal RS-301F	Tricker	
Colman	Improved Orange	Norkan	RP 30F	Waconia Amber	

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 BMR AR-B Sweet N Mor	Arrow Seed Co., Inc. Canex Canex II Red Top+Plus BMR Sweet N Red Sweet Sterile	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 7445 MS 7469 MS 85 MSCA 27469
Crosbyton Seed Company Goldmaker GW 7828 F BMRGW 9430 F GW 9530 F Mor Bane II	Den Besten Bundel N Chop	Dodge City Coop Value Plus with Pollinator	Eastern Colorado Kane N Honey
Fontanelle Hybrids F-300	Frontier Hybrids Mucho Sweet	Garrison & Townsend Bale-All II Bale-All III	Gayland Ward Seed Co., Inc. 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
Ottlie 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 Sug-R-Cane Sweet-N-Tall

Sterile Grain Sorghum Varieties (Continued)

<p>Sharp Brothers Seed Co. Canex Canex 50/50 Canex II Canex BMR 317 Canex BMR 702 Silex BMR 501</p>	<p>Sorghum Partners X 909-NK</p>	<p>Star Seed, Inc. Magnum Surcane</p>	<p>Valley Feed and Seed Kane King</p>
<p>Warner Seed, Inc. Sweet Bee Sterile Sweet Bee Sterile II</p>	<p>Wilbers Seed Solutions Sweet-N-Tall</p>	<p>Miscellaneous Varieties/Company Unknown Crop Guard</p>	

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
Valley Feed and Seed Sweet Chief BMR PPS	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	Arrow Seed Co., Inc. Energizer Energizer BMR Grazex BMR 727 Grazex II Hay N Graze Honey Graze BMR Honey Graze IV Honey Graze LS Nutri + BMR Sweet Sunny Sue	Browning Seed, Inc. Cadán 10/10 Cadán 10/50 Cadán 99B Exp Hybrid OOX Farmers Favor Hayzer Tridan Uron Brand	Channel Bio Corp Sugar II BMR
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 x 7181 G BMR GW x 7191 G BMR 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	Dodge City Coop Grazer BMR 272 Sweet Kelly Sweet Kelly II Samson	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
Gayland Ward Seed Co., Inc. Super-Sugar Vita-Cane	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

Ineligible Varieties (Continued)

A Grain Sorghum, Category III Varieties (Continued)

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
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	Ottile Seed Sorgox Sudangrass 666	PGS Hybrids Sweet Sorghum-Sudangrass Sweet Sorghum-Sudangrass BMR
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 Piper Sweeter-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	

Ineligible Varieties (Continued)

A Grain Sorghum, Category III Varieties (Continued)

Seed Resource, Inc.		Sharp Brothers Seed Co.	Sorghum Partners
Att-A-Graze I	Green Pasture II	Buffalo Brand	Sordan 79
Att-A-Graze II	MS 202 BMR	Grazex II	Sordan Headless
BMR-200	S 222	Grazex II W	Trudan 8
BMR-204	S 333	Grazex BMR 16	Trudan 10
BMR-206	SS 200 BMR	Grazex BMR 718	Trudan Headless
Cattle Grazer	Sugar Beef	Grazex BMR 719	Trudan Headless BMR
Dine a Nite	Sugar Beef III	Grazex BMR 727	X921
Domor	Sugar Beef IV	Grazex BMR 737	X922
Forage King	Sugar Beef V	Grazex BMR 771	X999
Green Graze Supreme	Super Su 22	Grazex BMR 782	
Green Grazer V	Xtra Sweet SS		
Southern States	Star Seed, Inc.	Terral Seed, Inc.	Timken Seed Farms Inc.
SS120	Excel	Terrall TV 357	NB-280-g
SS211	MSDS Nutri-Max		
SS220	Nutri+Plus BMR		
SS220 BMR			
Unigraze II			
Triumph Seed Co., Inc.	UAP Seed	Valley Feed and Seed	Walter Moss Seed Co.
Sooner Sweet	Dynagrazer	Super Chief	Century BMR
SSII		Sweet Chief X-tra	Mega Green
Super Sweet 10		Sweet Chief X-tra BMR	SU-2-LM
SuperSweet ST15			
Warner Seed, Inc.		Miscellaneous Varieties/Companies Unknown	
Circle W	Sucrosse 3R	African Millet	
Gro-N-Graze 8493	Sucrosse 5R BMR		
Gro-N-Graze Dream	Sucrosse 9-R PS		
GTW-1	Sucrosse S1		
Sooper Su	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.