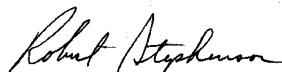


For: State and County Offices

**Determining Eligibility and Yields for 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 loan and LDP's.

**B**

**Purpose**

This notice provides:

- guidance to State and County Offices for assigning yields for grain sorghum harvested as other than grain
- guidelines for assigning yields for varieties of grain sorghum 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 2001 crop year.

<b>Disposal Date</b>	<b>Distribution</b>
January 1, 2002	State Offices; State Offices relay to County Offices

## 2 Assigning Yield Guidelines

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### 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 harvested as other than grain, obtain documentation from the producer as to the variety planted and harvested.

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### B

#### Determined Eligible Grain Sorghum

The following categories will be used to determine eligibility of grain sorghum for 2001 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 for 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 1 of the following methods to assign yield if the variety of grain sorghum is eligible for loan or LDP.

- If the producer harvested some acreage of the crop on the farm for grain, and used the same management practices on all the acreage, assign the yield based on the acreage harvested for grain.
- If no acreage of that crop was harvested for grain on the farm using the same management practices, assign a yield based on 3 similar farms.

**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**

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**A**

**Dual Purpose**

Dual purpose varieties of grain sorghum that have a yield potential equal to 100 percent of hybrid varieties are listed in Exhibit 1. Assign a yield of 100 percent of the grain yield using 1 of the methods in subparagraph 2 C.

Dual purpose varieties of grain sorghum that have a yield potential equal to 80 percent of hybrid varieties are listed in Exhibit 2. Assign a yield of 80 percent of the grain yield using 1 of the methods in subparagraph 2 C.

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**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 cross 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 1 of the methods in subparagraph 2 C.

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**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). 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.

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**D**

**All Other Varieties**

Ineligible grain sorghum varieties are listed in Exhibit 5.

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## Notice LP-1790

### 4 Action

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#### 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
- make determinations of dual purpose varieties eligible at the 80 percent level which 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
  - inform PSD of the determination for inclusion in a future notice.
- 

#### B

#### County Office Action

County Offices shall:

- review Exhibits 1 through 5 which list applicable varieties and make LDP eligibility determinations
  - advise seed companies, that 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.
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**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.

<b>AgriPro Seed, Inc.</b> 320F 1020F Hi-Energy II	<b>Cargill Hybrid Seeds, Inc</b> FS455 FS455B FS 466	<b>Garst Seed Co.</b> BMR 344 320 333 33SB	<b>Garrison &amp; Townsend</b> BMR-100 BMR-101 Sile-ALL Silo-Milo Sweet T
<b>George Warner Seed Co. Inc</b> F103 F145 2-Way 2-Way SRS Husky 2-Way F-108 BMR	<b>Golden Harvest</b> Si-Gro H-45 SI-GR H-46	<b>Hoegemeyer Hybrids</b> 591F 602F	<b>Hyttest Seeds</b> HT 110 BMR
<b>Kaystar Seed</b> Forari IV	<b>Kelly Green Seeds, Inc</b> Silamax BMR Silamaster	<b>Monsanto - DeKalb</b> DKS59-09	<b>NC+ Hybrids</b> NC+965 Nutri-Choice Nutri-Choice II Nutri-Ton NC+ 8R18 NC+ Y 363
<b>Novartis Seed Inc.</b> KF 429 NK 300 HiKane II	<b>Production Plus+</b> Silobuster SiloBuster S Silo+Plus BMR	<b>Richardson Seed, Inc.</b> Silo 600D Eversweet Silomaster Silomaster D Dairy Master BMR	<b>Sharp Brother Seed Co.</b> Canex BMR 208 Canex BMR 310 Canex 50/50
<b>Star Seed</b> Star Elite BMR	<b>Triumph Seed Company, Inc</b> Super Sile 20	<b>Walter Moss Seed Co. Ltd.</b> Millennium BMR	

**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.

<p><b>AgriBioTech, Inc.</b></p> <p>FS-555 BMR-100</p>	<p><b>Asgrow Seed Company</b></p> <p>Beefbuilder T Titan R Titan MS</p>	<p><b>AVA Seeds</b></p> <p>AVA 7102 AVA 7103 AVA 7105 AVA 7109 FT</p>
<p><b>Cargill Hybrid Seeds</b></p> <p>Mor-Cane II FB211</p>	<p><b>Casterline &amp; Sons Seed, Inc.</b></p> <p>Duro</p>	<p><b>Coop Seed, Inc</b></p> <p>SSF-550 SSF630 SSF660</p>
<p><b>DeKalb Genetics</b></p> <p>FS2 FS-5 FS22 FS25E</p>	<p><b>Delta and Pine Land Co.</b></p> <p>102F</p>	<p><b>Fontanelle Hybrids</b></p> <p>F-310</p>
<p><b>Garrison &amp; Townsend</b></p> <p>Bale-All II</p>	<p><b>Gayland Ward Seed Co., Inc</b></p> <p>Ensile Master</p>	<p><b>George Warner Seed Co.</b></p> <p>Sweet Bee</p>
<p><b>Giant Seed Company</b></p> <p>Razin Silage Razin Feed Classic Razin Kane GM Razin Kane</p>	<p><b>Greenbush Seed &amp; Supply</b></p> <p>Chop-N-Milo Hygrachop</p>	<p><b>Hawkeye Hybrids</b></p> <p>SS1740</p>
<p><b>Midland Genetics</b></p> <p>Silo-Fill II</p>	<p><b>Mycogen Plant Sciences</b></p> <p>T-E Milk-A-Lot T-E Silomaker Redtop Kandy T-E Milkmaker-T Greenchopper</p>	<p><b>Novartis Seeds, Inc.</b></p> <p>Sucrosorgo 405</p>

Continued on the next page

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

<b>Ohlde-Midwest Seed Genetics</b>		<b>Ottillie Seed</b>		<b>Phillips Seed Farms, Inc</b>	
110D	Daisy Su	RO 219		Top Notch BMR	
111F	Sugar Cane				
112F	Evergreen				
<b>Pioneer Hi Bred International</b>		<b>Richardson Seeds, Inc</b>		<b>Roth Seed Company</b>	
819F	947	Bundle King II		Sugar Loaf	
839F	838F	Bundle King IV		Chopper Stopper	
840F	931	Sugar Red			
841F	956	Sugar King			
849F					
<b>Seed, Inc</b>		<b>Sharp Bothers Seed Company</b>		<b>Star Seed, Inc</b>	
101F		Mixed Red		Magnum LDP Magnum Ultra+BMR LDP	
<b>Valley Feed and Seed, Inc.</b>					
Udder Buster					
Silo Max					
<b>Miscellaneous Varieties/ Company Unknown</b>					
39-30-S	Ellis	Landsaver	Red Top	Sil-X	Waconia Amber
Amber	Fremont	Leoti Red	Royal RS-301F	Sugar Drip	Waconia Orange
Atlas	Hegari	McLean	Rox Orange	Sumac	White Amber
Coes	Improved Orange	Norkan	RP 30F	Texas Ribbon	White Ribbon
Collier	Kansas Orange	Rancher	RP 40F	Tracy	Wiley
Colman	Kansas Sourless	RedAmber	RS 301	Tricker	X-SDR6
Dairy D					

**Sterile Grain Sorghum Varieties**

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

<b>AgriBioTech</b> Sug-R-Cane Brand Hybrid Forage Pik Nik II	<b>AgriPro Seeds</b> Hi-Ton II	<b>AVA Seeds</b> AVA 7108ST AVA 7109ST	<b>Casterline &amp; Sons Seeds</b> Sucane
<b>Coffey Forage Seed, Inc.</b> MS 7469 MS 85 MS 7445 AML 74-2 MSCA 27469	<b>Crosbyton Seed</b> Mor Bane II GW 9430 F	<b>Frontier Hybrids</b> Mucho Sweet	<b>Garrison &amp; Townsend</b> Bale-All III
<b>George Warner Seed Co.</b> Sweet Bee Sterile Sweet Bee Sterile II	<b>Golden Harvest</b> Si-Gro H-1	<b>Greenbush Seed &amp; Supply</b> Sweetall Sterile	<b>Hoegemeyer Hybrids</b> 612 F 613 F
<b>J.C. Robinson Seed Co. Inc.</b> Si-Gro-H-1	<b>Kelly Green Seeds, Inc</b> Lucky Leaf	<b>Moews Seed Co.</b> Moews Chop 1	<b>Monsanto</b> Asgrow Titan MS
<b>Mycogen Seeds</b> T-E Goldmaker T-E Goldmaker II	<b>NC+ Hybrids</b> NC+ Nutri-Cane II Nutri-Cane II NC 305 F	<b>Novartis Seeds</b> X 909-NK	<b>Otilie Seed</b> RO219A
<b>Phillips Seed Farms</b> Sweet Bale	<b>Production Plus+</b> Cane-Maker Cane-Maker II Sweet-N-Red Ultra+Cane BMR Red Top+Plus BMR	<b>Roth Seed Company</b> Rocky Top Cattle King	<b>Sharp Brothers Seed</b> Canex Canex II
<b>Star Seed, Inc</b> Magnum	<b>Valley Feed and Seed, Inc</b> Kane King	<b>Miscellaneous Varieties/Company Unknown</b> Crop Guard	



**Photo-Period Sensitive Grain Sorghum Varieties**

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

<p><b>Agripro Seeds, Inc</b>  Graze &amp; Bale +</p>	<p><b>Coffey Forage Seeds Inc.</b>  Maxi Gain Sugar Graze Ultra</p>	<p><b>Delta and Pine Land Co</b>  G-1990</p>
<p><b>Garrison &amp; Townsend</b>  BMR301</p>	<p><b>Hytest Seeds</b>  HT 311 BMR PPS</p>	<p><b>Novartis Seeds</b>  G 1990</p>
<p><b>Pioneer</b>  P 811 F</p>	<p><b>Richardson Seeds</b>  Megagreen Pacesetter Pacesetter Plus</p>	<p><b>Walter Moss Seed</b>  4 Evergreen Mega Green</p>

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**Ineligible Varieties**

**A**

**Grain Sorghum,  
Category III  
Varieties**

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

<p><b>Agripro Seed Inc.</b></p> <p>Graze-N-Bale + Graze-N-Bale S Tastemaker III SS1000</p>	<p><b>Cargill Hybrid Seeds</b></p> <p>SWEET SIOUX V SSB 311 SSB 320 HS35</p>	<p><b>Coffey Forage Seeds, Inc</b></p> <p>Sugar Queen          Sugar ST Sugar Queen III      Sugar Graze 2000 Sugar Graze II        Sugar Graze 3000 Sugar Graze III</p>
<p><b>Crosbyton Seed Company</b></p> <p>GRAZ-N-GAIN 7616G BMR ST GW9110G GRAZ-N-GAIN ST 2816 G BMR</p>	<p><b>Curtis &amp; Curtis, Inc</b></p> <p>Wonder Graze</p>	<p><b>Douglass W. King Co.</b></p> <p>Hay Day King 61 DR Sugar Sweet II Val-u-Graze</p>
<p><b>East Texas Seed Company</b></p> <p>Green Graze Planter's Pride</p>	<p><b>Frontier Hybrids</b></p> <p>CHAMP II CHAMP I CHAMP BMR</p>	<p><b>Garrison &amp; Townsend Inc.</b></p> <p>SUGAR DAN          BALE-ALL II GRAZE ALL III      BMR-201 GAINER                GRAZE ALL</p>
<p><b>Garst Seed Company</b></p> <p>757</p>	<p><b>George Warner Seed Co.</b></p> <p>Sucrosse S1      Sucrosse 3R Circle W          Sucrosse 5R BMR Sooper Su        Sucrosse 9RPS GTW-1            2 Way F199 PS 8493              8496 Sucrosse 2S      Gro-N-graze</p>	<p><b>Golden Acres Genetics, LLC</b></p> <p>T-E Haygrazer T-E Haygrazer II T-E Evergreen FP-5</p>
<p><b>Golden Harvest</b></p> <p>RE-GRO H-22B RE-GRO EX 33</p>	<p><b>Hoegemeyer Hybrids, Inc.</b></p> <p>650S Sugar Dan</p>	<p><b>Johnson Genetics</b></p> <p>HIDAN 36          TRUDAN 8 MILLEX 32        TRUDAN 10 SARDAN 79</p>
<p><b>Johnston Seed Company</b></p> <p>Triple Treat Sweet Grazin</p>	<p><b>Kelly Green Seeds, Inc</b></p> <p>4-S                  4-XPS 4-S BMR          4-FPS 4-X                  Lucky Su 4-Most</p>	<p><b>Kirkland Seed Company</b></p> <p>Sweet Chow</p>

Continued on next page

**Ineligible Varieties (Continued)**

**A  
Grain Sorghum,  
Category III  
Varieties  
(Continued)**

<p><b>Legends Seed</b>  LSS410 LSS 405</p>	<p><b>McCormick Seed Inc</b>  Honey Sweet</p>	<p><b>Monsanto Company</b>  Asgrow Grazer N1 DeKalb SX6 E DeKalb SX DeKalb SX 15 DeKalb SX 17</p>
<p><b>NC+ Hybrids</b>  NC+ 800HS NC+ Sweetleaf II NC+ BMR 44S</p>	<p><b>Novartis Seeds, Inc</b>  Sordan 79 X999 Trudan 8 Trudan 10</p>	<p><b>Pioneer III</b>  877F 855F</p>
<p><b>Production Plus</b>  Special Effort Sweet Sunny Sue Dairymen's Dream Hi-n-Dri</p>	<p><b>Richardson Seeds, Inc.</b>  Pacesetter Pacesetter Plus Tri Sweet Sweeter-n-Honey</p>	<p><b>Scott Seed Co.</b>  Premium Stock Preferred Stock Scott Grazer</p>
<p><b>Seed Inc.</b>  Big Crop Ribbon Grazer Big Crop Thrifty Grazer</p>	<p><b>Seed Resource, Inc</b>  Super Su 22 Dine a Nite Xtra Sweet SS Forage King Green Grazer V SS 200 BMR Cattle Grazer</p>	<p><b>Sharp Bros. Seed Company</b>  Grazex II Grazer II W Buffalo Brand Grazer BMR 737 Grazer BMR 727 Grazex BMR 16</p>
<p><b>Terrall Seed, Inc.</b>  Terrall TV 357</p>	<p><b>Triumph Seed Company Inc.</b>  SSII Super Sweet 10</p>	<p><b>Walter Moss Seed Co., Inc.</b>  SU2 Century BMR</p>

**B  
Sweet Sorghum**

The following are ineligible sweet sorghum for sugar purposes only:

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