

Grass Seeding: Part I - Planned

Aug-04

Planner:	Smith			Date:	16-Sep-19
Producer:	Bledsoe Sec 6-12-50				
MLRA:		Contract/Agreement #:		Item Num:	
Seeding Operation:	Acres to be seeded:	9.28			
	Seedbed Prep:				Cropland: non-irrigated
	Planting Dates:	11/14-5/1/15			
	Planting Depth (in.):	1/4 - 1/2			
	Drill Type:	grass			
	Drill Spacing (in.):	7-10"			
Fertilizer:	Pounds per acre recommended			(planned and applied requires practice standard 590)	
	Nitrogen (N)	Phosphorus (P)	Potassium (K)		
Weed Control:	Dates:	1st growing season after planting			(planned and applied requires practice standard 595)
	Description:	mechanical			
Cover:	Amount:	2000 lbs/acre			
	Description:	Weed free straw			
	Application Method:	Crimped in			

Seed Recommendations:							
Species	Variety (table 6: PMTN 59)	PLS Rates Irr/Non-Irr	PLS/Ac to use (100%)	% in mix	Rate (PLS lb/ac)	Acres to be seeded	Total PLS
Western wheatgrass	Arriba, Barton	16.0 / 8.0	8.0	5	0.40	9.3	3.7
Blue grama	Lovington, Hachita	3.0 / 1.5	1.5	15	0.23	9.3	2.1
Sideoats grama	Niner, El Reno, Vaughn	9.0 / 4.5	4.5	10	0.45	9.3	4.2
Switchgrass	Grenville, Blackwell	4.0 / 2.0	2.0	15	0.30	9.3	2.8
Big bluestem	Kaw	11.0 / 5.5	5.5	5	0.28	9.3	2.6
Little bluestem	Pastura	7.0 / 3.5	3.5	10	0.35	9.3	3.2
Sand bluestem	Elida, Garden	16.0 / 8.0	8.0	15	1.20	9.3	11.1
Yellow indiagrass	Cheyenne, Holt, Llano	10.0 / 5.0	5.0	15	0.75	9.3	7.0
Alfalfa	Ladak	8.0 / 4.0	4.0	10	0.40	9.3	3.7
Totals			42.0	100.0	4.35	9.3	40.4

Notes: Use adapted improved varieties and cultivars in the following order of preference, when available:

1. certified name varieties, 2. named varieties, 3. common seed

PLS = Pure Live Seed

Double drilled seeding rate to obtain broadcast seeding rate.

For critical area seedings use the 3X rate.

Certified Planner: Scott Smith

Date: 9/16/2019

Grass Seeding: PART II - Applied

Checked by:			Date:	
Producer:	Bledsoe Sec 6-12-50			
Seeding Operation:	Acres Planted:			
	Seedbed Prep:		Cropland:	
	Drill Make / Type:		Drill Spacing:	
	Cover in Pounds:		Weed Control:	
	Type:		Additional Information:	

Species planted	Variety	Pounds Bulk	Germ. %	Purity %	PLS %	PLS Lbs
Totals		0.0			0.0	0.0

Cost Information						
Species	PLS Lbs/Ac	PLS/Ac(100%)	PLS % of mix	Total Bulk Seed Cost	Cost/PLS Lb.	PLS Cost/Ac
						\$
						\$
						\$
						\$
						\$
						\$
						\$
						\$
						\$
Totals	0.0		0.0			\$ -

Total Cost of Bulk Seed:	\$ -
Seed Cost per Acre:	#DIV/0!
Max. Cost/Ac for CRP:	\$ -
Max. Cost/Ac for NRCS Programs:	\$ -

Certified By: _____

Date: _____

Instructions for completing the CO-ECS-5

General Set-up

1	If desired, populate the varieties for the species from the drop down box lookup area according to table 6 of Plant Materials Technical Note 59.
2	At this point you may want to fill in as much standard information as possible, i.e., planting dates, depth, drill type, spacing, etc., to expedite form usage.

Part I

3	Complete top section of Part I of the worksheet. Fill in cell closest to the descriptive label for cell area. This is required since the cells are not merged for use in PDAs.
4	Seedbed preparation, cropland and weed control descriptions for Parts I and II have drop down boxes with the standard answers. If desired you can add additional comments in the provided area in Part II.
5	If information or recommendations are included for doing fertilization or weed control you must complete all requirements for the referenced practices.
6	Select species for the planned mix using the drop down boxes provided by clicking in the appropriate box. This will automatically fill in the species, variety (if populated), and seeding rates for irrigated and non-irrigated situations.
7	Fill in the PLS/Ac seeding rate to be used (irrigated or non-irrigated rate).
8	Put the appropriated % of Mix for each species planned for the mix. After entering this number the rest of Part I for that species should finish automatically. Remember that the total for the % of mix needs to equal 100. If it does not automatically complete, verify that you have entered the planned acres to be seeded.

Part II

9	Complete the top section of Part II. Filling in the cell closest to the descriptive label for the cell.
10	Seedbed preparation, cropland description need to be manually checked until the form is changed to accommodate marking the cell.
11	Write the number of pounds of cover in field and provide a decription of that cover, e.g., standing sorghum.
12	Select the appropriate species and variety from the drop down box for what was actually drilled.
13	Fill in the bulk pounds of each species for the mix as well as the percent germination and purity. If the acres has been entered above the rest of the form will automatically be completed less the cost information.
14	Enter the cost of the bulk seed for each species. This will allow the formulas to finish calculating the remaining cells.
15	Sign and date form for supporting documentation of progress.