LIVESTOCK GROSS MARGIN (LGM)
PREMIUM REQUIREMENTS FOR eDAS
Format/Edits

Section/Attribute	Description/Edit
PREMIUM	"PREMIUM" is the title of this section. It identifies the opening and closing of this xml section. This document provides additional reporting requirements of data under this section. **Crop Policy precedes Premium.** The process flag and/or change flag submitted for this section will be inherited unless otherwise indicated. Example: <Premium process flag ="2">.
CHANGE_FLAG (ATTRIBUTE)	If Process Flag = 2 or 5 certain data will be allowed to change after initial acceptance. Tags have been identified by flags below. Flag of '1' will only be allowed to change data identified by '1'. Flag of '2' will be allowed to change data identified by '1 or 2'. Flag of '3' will be allowed to change any data. Valid flags: 1 = general 2 = company approval 3 = RMA approval Change flag will default to 2 unless otherwise indicated.
PROCESS_FLAG (ATTRIBUTE)	Valid flags: 1 = original 2 = modify 3 = delete 4 = validate (original) 5 = validate (modify) 6 = quote (only applicable for premium) 7 = retrieve 8 = cancel (only applicable for Livestock crop policy) 9 = re-instate (only applicable for Livestock crop policy) Process flag will default to 1 unless otherwise indicated.

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No.	Tag	Key	Level of Change	IN/ OUT	REQ/ OPT/ CON	Max Size	Picture	Description/Edit
1	<RECORD_ NUMBER>		3	Y/Y	REQ	3	9(03)	Must be > 000 and unique within a policy (fields 2 thru 6).
2	<APPROVAL_ NUMBER>		NA	N/Y	REQ	8	9(08)	Approval Number assigned by UCM.
3	<INS_SIGN_DT>		2	Y/Y	REQ	10	X(10)	Insured Signature Date of the Target Market. Format MM/DD/YYYY. Numeric with slashes. Cannot exceed current date.
4	<AGENT_ID_ CODE>		2	Y/Y	REQ	9	X(09)	Agent ID Code of the agent that is responsible for this information and accepted on the database.
5	<AGENT_SIGN_DT>		1	Y/Y	REQ	10	X(10)	Agent Signature Date of the Target Market. Format MM/DD/YYYY. Numeric with slashes. Cannot exceed current date.
6	<LEGAL>		1	Y/Y	OPT	13	X(13)	Location of covered swine, cattle, or dairy operation legal description (SSSS-TTTD-RRRD).
7	<TARGET_ MARKET_2>		3	Y/Y	REQ	6	9(06)	Target Marketings for Second Month. Number of swine or cattle, or hundredweight (CWT) of milk for dairy the insured expects to market in the second month of the insurance period.
8	<TARGET_ MARKET_3>		3	Y/Y	REQ	6	9(06)	Target Marketings for Third Month. Number of swine or cattle, or hundredweight (CWT) of milk for dairy the insured expects to market in the third month of the insurance period.
9	<TARGET_ MARKET_4>		3	Y/Y	REQ	6	9(06)	Target Marketings for Fourth Month. Number of swine or cattle, or hundredweight (CWT) of milk for dairy the insured expects to market in the fourth month of the insurance period.
10	<TARGET_ MARKET_5>		3	Y/Y	REQ	6	9(06)	Target Marketings for Fifth Month. Number of swine or cattle, or hundredweight (CWT) of milk for dairy the insured expects to market in the fifth month of the insurance period.

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No.	Tag	Key	Level of Change	IN/ OUT	REQ/ OPT/ CON	Max Size	Picture	Description/Edit
11	<TARGET_ MARKET_6>		3	Y/Y	REQ	6	9(06)	Target Marketings for Sixth Month. Number of swine or cattle, or hundredweight (CWT) of milk for dairy the insured expects to market in the sixth month of the insurance period.
12	<TARGET_ MARKET_7>		3	Y/Y	CON	6	9(06)	Target Marketings for Seventh Month. Number of cattle or hundredweight (CWT) of milk for dairy the insured expects to market in the seventh month of the insurance period. Not applicable for swine.
13	<TARGET_ MARKET_8>		3	Y/Y	CON	6	9(06)	Target Marketings for Eighth Month. Number of cattle or hundredweight (CWT) of milk for dairy the insured expects to market in the eighth month of the insurance period. Not applicable for swine.
14	<TARGET_ MARKET_9>		3	Y/Y	CON	6	9(06)	Target Marketings for Ninth Month. Number of cattle or hundredweight (CWT) of milk for dairy the insured expects to market in the ninth month of the insurance period. Not applicable for swine.
15	<TARGET_ MARKET_10>		3	Y/Y	CON	6	9(06)	Target Marketings for Tenth Month. Number of cattle or hundredweight (CWT) of milk for dairy the insured expects to market in the tenth month of the insurance period. Not applicable for swine.
16	<TARGET_ MARKET_11>		3	Y/Y	CON	6	9(06)	Target Marketings for Eleventh Month. Number of cattle or hundredweight (CWT) of milk for dairy the insured expects to market in the eleventh month of the insurance period. Not applicable for swine.
17	<CORN_ EQUIVALENT_2>		3	Y/Y	CON	11	9999.9(06)	Corn or Corn Equivalent for Second Month. Corn or corn equivalent in tons that the insured expects to feed in the second month of the insurance period. Only applicable for dairy.

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No.	Tag	Key	Level of Change	IN/ OUT	REQ/ OPT/ CON	Max Size	Picture	Description/Edit
18	<CORN_ EQUIVALENT_3>		3	Y/Y	CON	11	9999.9(06)	Corn or Corn Equivalent for Third Month. Corn or corn equivalent in tons that the insured expects to feed in the third month of the insurance period. Only applicable for dairy.
19	<CORN_ EQUIVALENT_4>		3	Y/Y	CON	11	9999.9(06)	Corn or Corn Equivalent for Fourth Month. Corn or corn equivalent in tons that the insured expects to feed in the fourth month of the insurance period. Only applicable for dairy.
20	<CORN_ EQUIVALENT_5>		3	Y/Y	CON	11	9999.9(06)	Corn or Corn Equivalent for Fifth Month. Corn or corn equivalent in tons that the insured expects to feed in the fifth month of the insurance period. Only applicable for dairy.
21	<CORN_ EQUIVALENT_6>		3	Y/Y	CON	11	9999.9(06)	Corn or Corn Equivalent for Sixth Month. Corn or corn equivalent in tons that the insured expects to feed in the sixth month of the insurance period. Only applicable for dairy.
22	<CORN_ EQUIVALENT_7>		3	Y/Y	CON	11	9999.9(06)	Corn or Corn Equivalent for Seventh Month. Corn or corn equivalent in tons that the insured expects to feed in the seventh month of the insurance period. Only applicable for dairy.
23	<CORN_ EQUIVALENT_8>		3	Y/Y	CON	11	9999.9(06)	Corn or Corn Equivalent for Eighth Month. Corn or corn equivalent in tons that the insured expects to feed in the eighth month of the insurance period. Only applicable for dairy.
24	<CORN_ EQUIVALENT_9>		3	Y/Y	CON	11	9999.9(06)	Corn or Corn Equivalent for Ninth Month. Corn or corn equivalent in tons that the insured expects to feed in the ninth month of the insurance period. Only applicable for dairy.

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No.	Tag	Key	Level of Change	IN/ OUT	REQ/ OPT/ CON	Max Size	Picture	Description/Edit
25	<CORN_ EQUIVALENT_10>		3	Y/Y	CON	11	9999.9(06)	Corn or Corn Equivalent for Tenth Month. Corn or corn equivalent in tons that the insured expects to feed in the tenth month of the insurance period. Only applicable for dairy.
26	<CORN_ EQUIVALENT_11>		3	Y/Y	CON	11	9999.9(06)	Corn or Corn Equivalent for Eleventh Month. Corn or corn equivalent in tons that the insured expects to feed in the eleventh month of the insurance period. Only applicable for dairy.
27	<SOYM_ EQUIVALENT_2>		3	Y/Y	CON	11	9999.9(06)	Soybean Meal or Soybean Meal Equivalent for Second Month. Soybean meal or soybean meal equivalent in tons that the insured expects to feed in the second month of the insurance period. Only applicable for dairy.
28	<SOYM_ EQUIVALENT_3>		3	Y/Y	CON	11	9999.9(06)	Soybean Meal or Soybean Meal Equivalent for Third Month. Soybean meal or soybean meal equivalent in tons that the insured expects to feed in the third month of the insurance period. Only applicable for dairy.
29	<SOYM_ EQUIVALENT_4>		3	Y/Y	CON	11	9999.9(06)	Soybean Meal or Soybean Meal Equivalent for Fourth Month. Soybean meal or soybean meal equivalent in tons that the insured expects to feed in the fourth month of the insurance period. Only applicable for dairy.
30	<SOYM_ EQUIVALENT_5>		3	Y/Y	CON	11	9999.9(06)	Soybean Meal or Soybean Meal Equivalent for Fifth Month. Soybean meal or soybean meal equivalent in tons that the insured expects to feed in the fifth month of the insurance period. Only applicable for dairy.

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No.	Tag	Key	Level of Change	IN/ OUT	REQ/ OPT/ CON	Max Size	Picture	Description/Edit
31	<SOYM_ EQUIVALENT_6>		3	Y/Y	CON	11	9999.9(06)	Soybean Meal or Soybean Meal Equivalent for Sixth Month. Soybean meal or soybean meal equivalent in tons that the insured expects to feed in the sixth month of the insurance period. Only applicable for dairy.
32	<SOYM_ EQUIVALENT_7>		3	Y/Y	CON	11	9999.9(06)	Soybean Meal or Soybean Meal Equivalent for Seventh Month. Soybean meal or soybean meal equivalent in tons that the insured expects to feed in the seventh month of the insurance period. Only applicable for dairy.
33	<SOYM_ EQUIVALENT_8>		3	Y/Y	CON	11	9999.9(06)	Soybean Meal or Soybean Meal Equivalent for Eighth Month. Soybean meal or soybean meal equivalent in tons that the insured expects to feed in the eighth month of the insurance period. Only applicable for dairy.
34	<SOYM_ EQUIVALENT_9>		3	Y/Y	CON	11	9999.9(06)	Soybean Meal or Soybean Meal Equivalent for Ninth Month. Soybean meal or soybean meal equivalent in tons that the insured expects to feed in the ninth month of the insurance period. Only applicable for dairy.
35	<SOYM_ EQUIVALENT_10>		3	Y/Y	CON	11	9999.9(06)	Soybean Meal or Soybean Meal Equivalent for Tenth Month. Soybean meal or soybean meal equivalent in tons that the insured expects to feed in the tenth month of the insurance period. Only applicable for dairy.
36	<SOYM_ EQUIVALENT_11>		3	Y/Y	CON	11	9999.9(06)	Soybean Meal or Soybean Meal Equivalent for Eleventh Month. Soybean meal or soybean meal equivalent in tons that the insured expects to feed in the eleventh month of the insurance period. Only applicable for dairy.

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No.	Tag	Key	Level of Change	IN/ OUT	REQ/ OPT/ CON	Max Size	Picture	Description/Edit
37	<EXP_GROSS_ MARGIN_2>		NA	N/Y	REQ	14	(+ / -) 9(08).9999	Expected Gross Margin per swine or cattle for second month from A00600. Expected Gross Margin for dairy is based on the insured's second month feed information, see Exhibit 140-1. Only the negative symbol (-) will appear if applicable.
38	<EXP_GROSS_ MARGIN_3>		NA	N/Y	REQ	14	(+ / -) 9(08).9999	Expected Gross Margin per swine or cattle for third month from A00600. Expected Gross Margin for dairy is based on the insured's third month feed information, see Exhibit 140-1. Only the negative symbol (-) will appear if applicable.
39	<EXP_GROSS_ MARGIN_4>		NA	N/Y	REQ	14	(+ / -) 9(08).9999	Expected Gross Margin per swine or cattle for fourth month from A00600. Expected Gross Margin for dairy is based on the insured's fourth month feed information, see Exhibit 140-1. Only the negative symbol (-) will appear if applicable.
40	<EXP_GROSS_ MARGIN_5>		NA	N/Y	REQ	14	(+ / -) 9(08).9999	Expected Gross Margin per swine or cattle for fifth month from A00600. Expected Gross Margin for dairy is based on the insured's fifth month feed information, see Exhibit 140-1. Only the negative symbol (-) will appear if applicable.
41	<EXP_GROSS_ MARGIN_6>		NA	N/Y	REQ	14	(+ / -) 9(08).9999	Expected Gross Margin per swine or cattle for sixth month from A00600. Expected Gross Margin for dairy is based on the insured's sixth month feed information, see Exhibit 140-1. Only the negative symbol (-) will appear if applicable.
42	<EXP_GROSS_ MARGIN_7>		NA	N/Y	CON	14	(+ / -) 9(08).9999	Expected Gross Margin per cattle for seventh month from A00600. Expected Gross Margin for dairy is based on the insured's seventh month feed information, see Exhibit 140-1. Only the negative symbol (-) will appear if applicable. Not applicable for swine.

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No.	Tag	Key	Level of Change	IN/ OUT	REQ/ OPT/ CON	Max Size	Picture	Description/Edit
43	<EXP_GROSS_ MARGIN_8>		NA	N/Y	CON	14	(+ / -) 9(08).9999	Expected Gross Margin per cattle for eighth month from A00600. Expected Gross Margin for dairy is based on the insured's eighth month feed information, see Exhibit 140-1. Only the negative symbol (-) will appear if applicable. Not applicable for swine.
44	<EXP_GROSS_ MARGIN_9>		NA	N/Y	CON	14	(+ / -) 9(08).9999	Expected Gross Margin per cattle for ninth month from A00600. Expected Gross Margin for dairy is based on the insured's ninth month feed information, see Exhibit 140-1. Only the negative symbol (-) will appear if applicable. Not applicable for swine.
45	<EXP_GROSS_ MARGIN_10>		NA	N/Y	CON	14	(+ / -) 9(08).9999	Expected Gross Margin per cattle for tenth month from A00600. Expected Gross Margin for dairy is based on the insured's tenth month feed information, see Exhibit 140-1. Only the negative symbol (-) will appear if applicable. Not applicable for swine.
46	<EXP_GROSS_ MARGIN_11>		NA	N/Y	CON	14	(+ / -) 9(08).9999	Expected Gross Margin per cattle for eleventh month from A00600. Expected Gross Margin for dairy is based on the insured's eleventh month feed information, see Exhibit 140-1. Only the negative symbol (-) will appear if applicable. Not applicable for swine.
47	<DEDUCTIBLE>		3	Y/Y	CON	7	9999.99	Deductible per head for cattle reported in $10 increments from $0 to $150 (whole dollars). Deductible per head for swine reported in $2 increments from $0 to $20 (whole dollars). Deductible per CWT of milk for dairy reported in $0.10 increments from $0.00 to $2.00. Deductible is by market plan and can vary by type and practice.

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No.	Tag	Key	Level of Change	IN/ OUT	REQ/ OPT/ CON	Max Size	Picture	Description/Edit
48	<GROSS_ MARGIN_GUAR>		3	Y/Y	REQ	13	(+ / -) 9(10).99	The Gross Margin Guarantee (dollar and cents) for swine or cattle is the sum of (Target Marketings by month times Expected Gross Margins by month) minus (Deductible times Total Target Marketings). The Gross Margin Guarantee (dollar and cents) for dairy is the sum of Expected Gross Margins by month minus (Deductible times Total Target Marketings). Symbols apply and only the negative symbol (-) will appear if applicable. See Exhibit 140-1.
49	<LIABILITY>		3	Y/Y	REQ	10	9(10)	For Cattle Yearling Finishing (Type 808), Liability is the result of Avg CME Price times 12.5 (cwt) times Total Target Marketings rounded to whole dollars. For Cattle Calf Finishing (Type 807), Liability is the result of Avg CME Price times 11.5 (cwt) times Total Target Marketings rounded to whole dollars. For Swine, Liability is the result of Avg CME Price times .74 (lean to live conversion factor) times 2.6 (market weight) times Total Target Marketings rounded to whole dollars. For Dairy, Liability is the result of Liability Milk Price from A00600 times Total Target Marketings rounded to whole dollars. See Exhibit 140-1.
50	<SIMULATED_ LOSSES>		NA	N/Y	REQ	15	9(12).99	Simulated Losses is the sum of MAX(Gross Margin Guarantee minus Simulated Gross Margins(i),0). Must be equal to or greater than zero. See Exhibit 140-1.
51	<TOTAL_ PREMIUM>		3	Y/Y	REQ	10	9(10)	Total Premium is the result of 1.03 times (1/5000) times Simulated Losses. See Exhibit 140-1. If any total premium is less than $1, round to $1.
52	<SUBSIDY>		NA	N/Y	REQ	10	9(10)	Subsidy applicable for Dairy based on requirements. Subsidy not applicable for other LGM commodities, will be zero.

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No.	Tag	Key	Level of Change	IN/ OUT	REQ/ OPT/ CON	Max Size	Picture	Description/Edit
53	<ADD_SUBSIDY_ FLAG>		NA	N/Y	CON	1	X(01)	Additional Subsidy Flag. Reserved.
54	<ADD_SUBSIDY>		NA	N/Y	CON	10	9(10)	Additional Subsidy. Reserved.
55	<STATE_SUBSIDY_ FLAG>		NA	N/Y	CON	1	X(01)	State/Private Subsidy Flag. Reserved.
56	<STATE_SUBSIDY>		NA	N/Y	CON	10	9(10)	State/Private Subsidy. Reserved.
57	<PRODUCER_ PREMIUM>		3	Y/Y	REQ	10	9(10)	Producer Premium after Subsidy if applicable. See Exhibit 140-1.
58	<AOEXPENSE_ SUBSIDY>		NA	N/Y	REQ	13	9(10).99	A&O Expense Subsidy. Edit according to Exhibit 140-1.
59	<AUTHORIZATION_ NUM>		3	Y/Y	CON	5	9(05)	Authorization Number provided by Reinsurance Services Division (RSD) approving the original, change or deletion. Change Flag must = 3 and Process Flag must = 1, 2, 3, 4 or 5. If changing a “Key” field with Level of Change = 2, Authorization Number assigned by administrative screen and Change Flag must = 2.
60	<REVIEWER_SSN>		2	Y/Y	CON	9	X(09)	If reviewed, Reviewer SSN. Matching Reviewer information must be accepted on the database before premium will be accepted.
61	<REVIEWER_SIGN_ DT>		2	Y/Y	CON	10	X(10)	Reviewer Signature Date if Reviewer SSN has been provided. Format MM/DD/YYYY. Numeric with slashes. Cannot exceed current date.
62	<ERROR_ DETECTED>		2	Y/Y	CON	1	X(01)	Error detected flag if Reviewer SSN has been provided. Valid flags: Y = Yes N= No
63	<TRANSACTION_ FLAG>		NA	N/Y	REQ	1	X(01)	If transaction accepted, flag = Y. If rejected, flag = N. If deleted, flag = D. If cancel, flag = C.
64	<REMAINING_ CAPACITY_FY>		NA	N/Y	CON	12	9 (09).99	Remaining Fiscal Year Underwriting Capacity at the time of this premium if the data passes basic validation. Excludes this premium if rejected.

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Notes:

Number of swine can't exceed 15,000 per approval and 30,000 per policy per crop year.
Number of cattle can't exceed 5,000 per approval and 10,000 per policy per crop year.
Amount of Milk for dairy can't exceed 240,000 CWT per approval and/or per policy per crop year.
Number of tons of corn per month must be between 0.00364 and 0.0381 tons per hundredweight of milk for dairy. Number of tons of soybean meal per month must be between 0.000805 and 0.013 tons per hundredweight of milk for dairy.

SSN of producer, SBI and agent will be validated to Ineligible Tracking System before premium is accepted.

LGM Dairy Subsidy Factor

Deductible	Subsidy for Pooled Coverage*	Subsidy for Unpooled Coverage*
$0.00	0.18	0.00
$0.10	0.19	0.00
$0.20	0.21	0.00
$0.30	0.23	0.00
$0.40	0.25	0.00
$0.50	0.28	0.00
$0.60	0.31	0.00
$0.70	0.34	0.00
$0.80	0.38	0.00
$0.90	0.43	0.00
$1.00	0.48	0.00
$1.10	0.50	0.00
$1.20	0.50	0.00
$1.30	0.50	0.00
$1.40	0.50	0.00
$1.50	0.50	0.00
$1.60	0.50	0.00
$1.70	0.50	0.00
$1.80	0.50	0.00
$1.90	0.50	0.00
$2.00	0.50	0.00

* Pooled coverage is when two or more months with insured marketings. Unpooled coverage is when only one month has insured marketings.

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Information regarding column headers:

1) 'Tag' identifies the naming convention used in creation of XML.
2) 'Key' identifies the tags that are key to the validation/storage of data.
3) 'Level of Change' identifies the data that is allowed to change and at what level according to Change Flag.
4) 'IN/OUT' identifies the direction of data, IN for input and OUT for output with flags 'N' (NO) and 'Y' (YES).
5) 'REQ/OPT/CON' identifies if the data is required (REQ), optional (OPT), or conditional (CON). If optional or conditional and there is no data to report the tag is not used.
6) 'Max Size' is the maximum size of data allowed for that tag.
7) 'Picture' identifies the type of data expected.
8) 'Description/Edit' gives additional information.

On an update, only the key fields that define the sections are required plus any changed fields or new sections.